Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

S-100HD

from S100HD14D-200 to

S100HD16D-229

S-120HD

from S120HD14D-201 to

S120HD16D-229

from SN S100HDD-230

from SN S120HDD-230

Part No. 1256212GT
Rev: A27
September 2026

Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

Internet: www.genielift.com
e-mail: awp.techpub@terex.com

Find a Manual for this Model

Go to http://www.genielift.com

Use the links to locate Operator's, Parts, Maintenance,

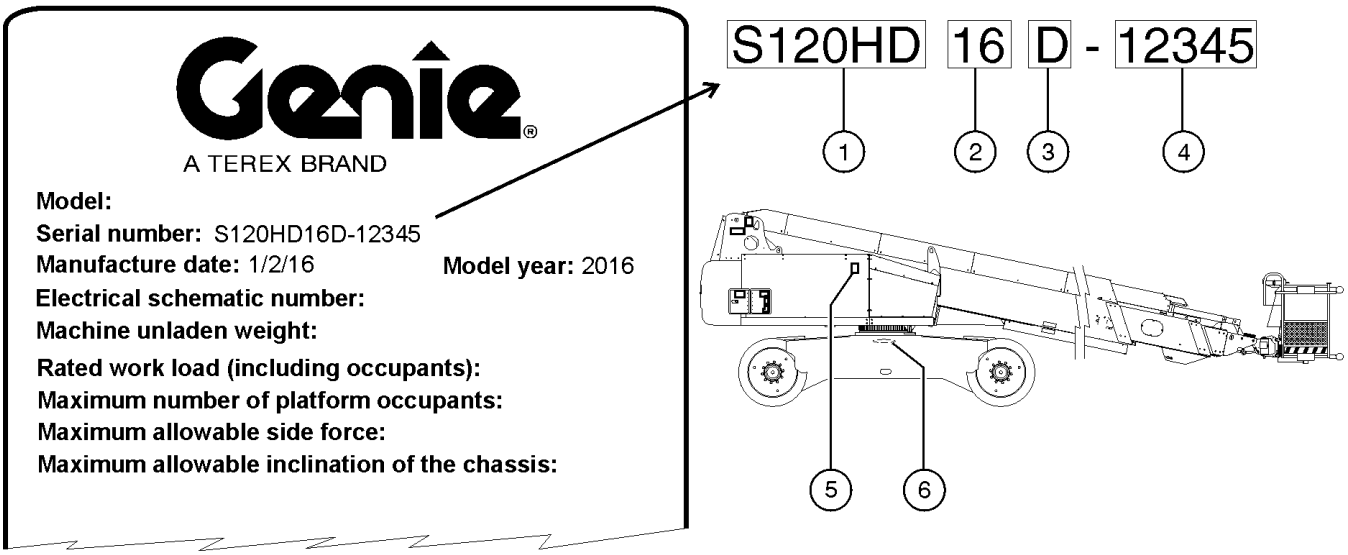
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1256212 Rev A27 September 2026
First Edition, Sixth Printing

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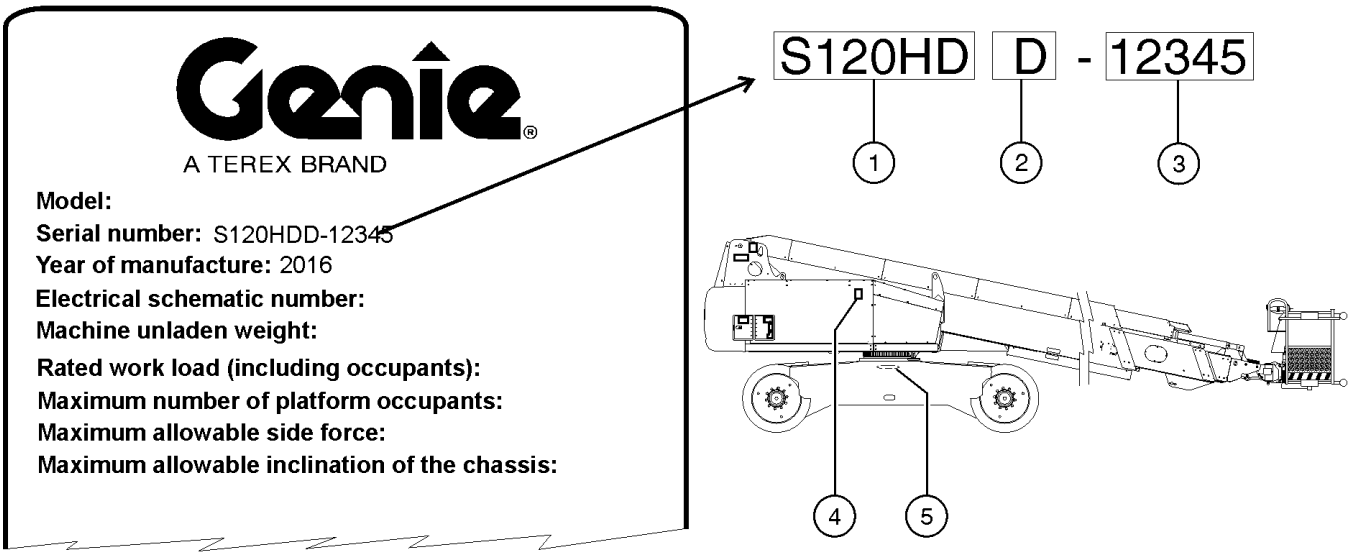
Printed on recycled paper

To August 31, 2016



1 Model
2 Model year
3 Facility code
4 Sequence number
5 Serial label (located under cover)
6 Serial number (stamped on chassis)

From September 1, 2016



1 Model
2 Facility code
3 Sequence number
4 Serial label (located under cover)
5 Serial number (stamped on chassis)

How to Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product.

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

North America
Telephone (425)881-1800
Toll Free (800)536-1800 in US and Canada
Fax (425)556-8659
Toll Free fax (888)274-6192
Email AWP.PartsSalesPO@terex.com
http://genielift.com/en

EMEAR (Europe, Middle East, Africa and Russia)
Telephone (31)(165)519 313
Fax (31)(165)511 148
http://genielift.co.uk

Asia Pacific (Genie Singapore)
Telephone +65 6692 7777
Fax +65 6261 8893
http://genielift.com.sg/

Australia
Telephone (61)(7)3456 4444
Fax (61)(7)3456 4466
http://genielift.com.au

South America
Telephone (55)(11)4082 5600
Fax (55)(11)4082 5630

Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie S-100HD* and *S-120HD Service Manual.*

Deutz TD2011-L04i Models

Description	Part No.
Air Filter	62425
Fuel/Water Separator Filter	29560
Engine Oil Filter	49924
V-belt	58630

Cummins B3.3 C80 Models:

Description	Part No.
Air Filter (Primary)	146044
Air Filter (Secondary)	146045
Fuel Filter	122709
Engine Oil Filter	122708
Serpentine Belt	146047

Recommended Parts

Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol	1484
Genie Gray Paint, 1 Gallon	32151
Genie Gray Paint, 12 Ounce Aerosol	1268

Genie also offers the following support documents:

EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5	31779

TEREX CORPORATION

Service Parts Fax Order Form

Fax to: (425) 556-8659 or Toll Free: 888-274-6192
International: +1-425-556-8659

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

Model(s) _____ **Serial No.(s)** _____

Optional Equipment _____

Part Number	Description	Quantity	Price

All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:

- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

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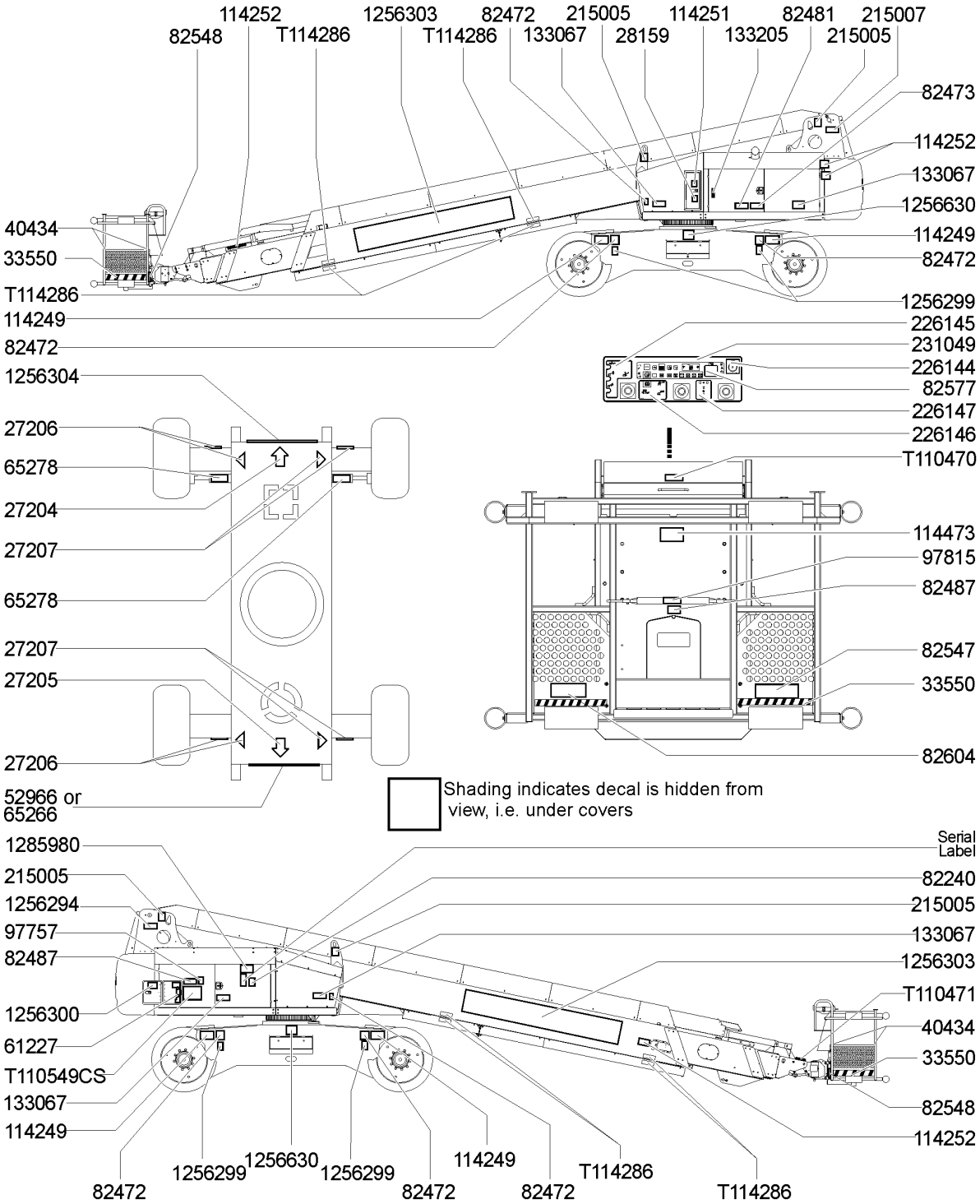
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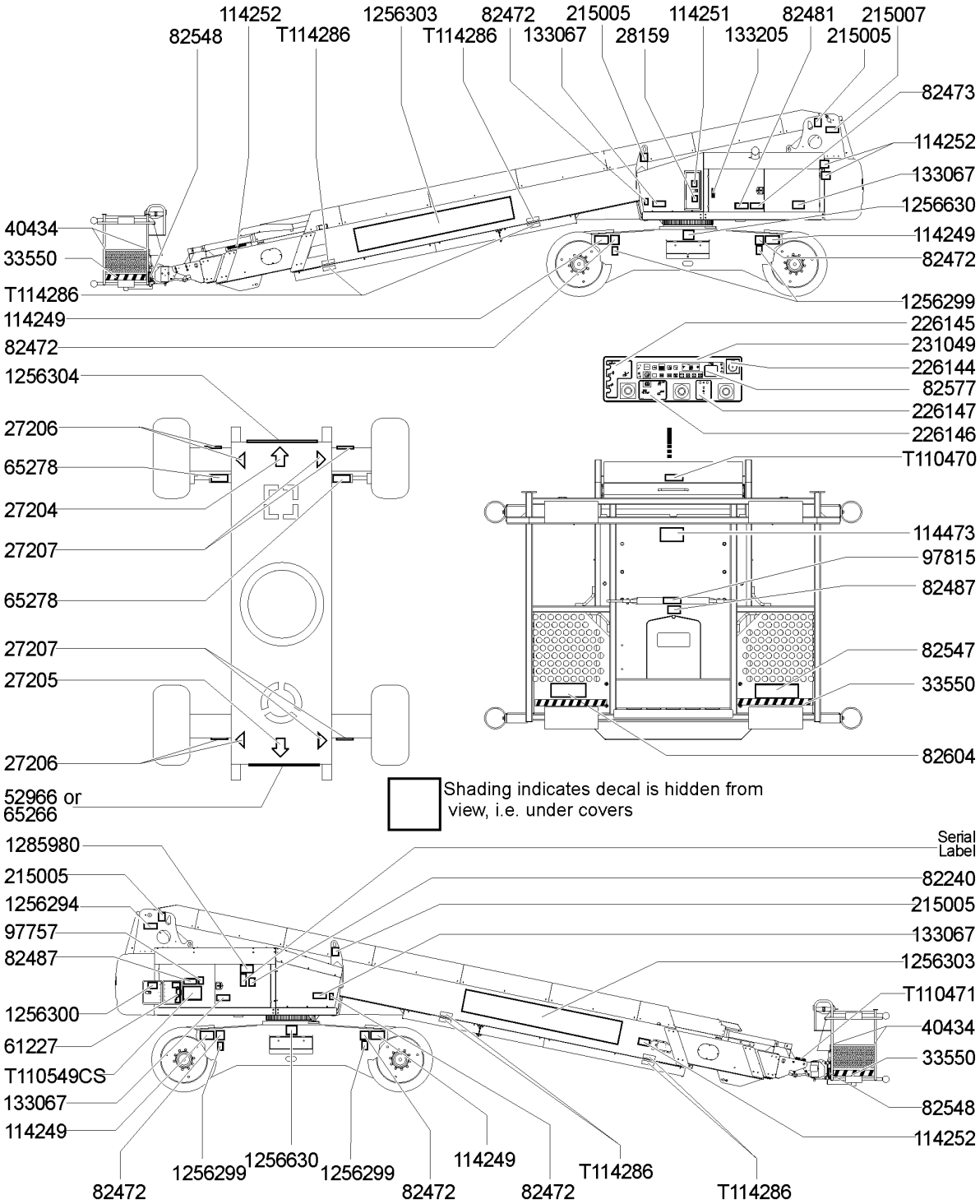
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Decals with Symbols

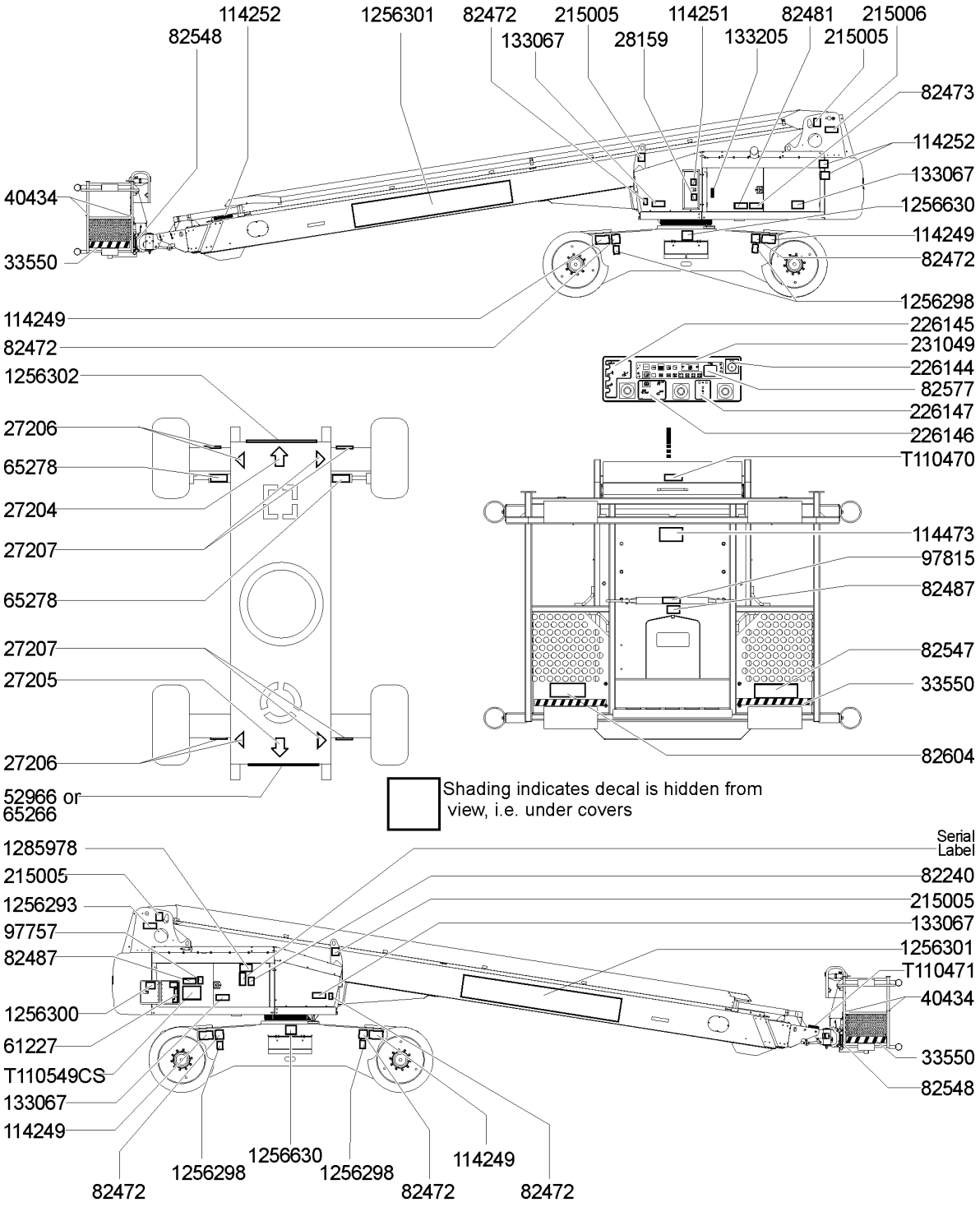
101.1 Decals, S-120HD

Item	Part No.	Description	Qty.
1	1256299GT	Label - Wheel Load, S-120HD	4
2	1256303GT	Cosmetic - Genie S-120HD	1
3	1256304GT	Cosmetic - S-120HD	1
4	27204GT	DECAL,ARROW BLUE	1
5	27205GT	DECAL,ARROW YELLOW LRG 9"	1
6	27206GT	DECAL,TRIANGLE,BLUE	4
7	27207GT	DECAL,TRIANGLE,YELLOW	4
8	28159GT	DECAL,DIESEL	1
9	40434GT	DECAL,LANYARD ANCHORAGE POINT	4
10	52966GT	DECAL,COSMETIC,4 X 2	1
11	61227GT	DECAL,GROUND CONTROL PANEL	1
12	65278GT	DECAL,CAUTION,NO STEP	2
13	82472GT	DECAL,WARNING,CRUSHING HAZARD	6
14	82473GT	DECAL,SYMBOL-COMP ACCESS	1
15	82481GT	DECAL SYMBOL BATTERY SAFETY	1
16	82487GT	DECAL, SYMBOL - READ THE MANUAL	2
17	82547GT	DECAL,DANGER,MAX LOAD 340 KG	1
18	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
19	82604GT	DECAL,DANGER,SIDE FRC 400N	1
20	97757GT	DECAL,LABEL,OIL LEVEL IND	1
21	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
22	1256630GT	DECAL,LABEL,TRANSPORT DIAGRAM	2
23	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	4
24	114251GT	DECAL,LABEL,NO SMOKING,SYMB	1
25	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	4
26	114473GT	DECAL,DANGER,TIPOVER,TILT,SYM	1
27	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	4
28	133205GT	DECAL,LABEL, ELECTRO HAZARD	1



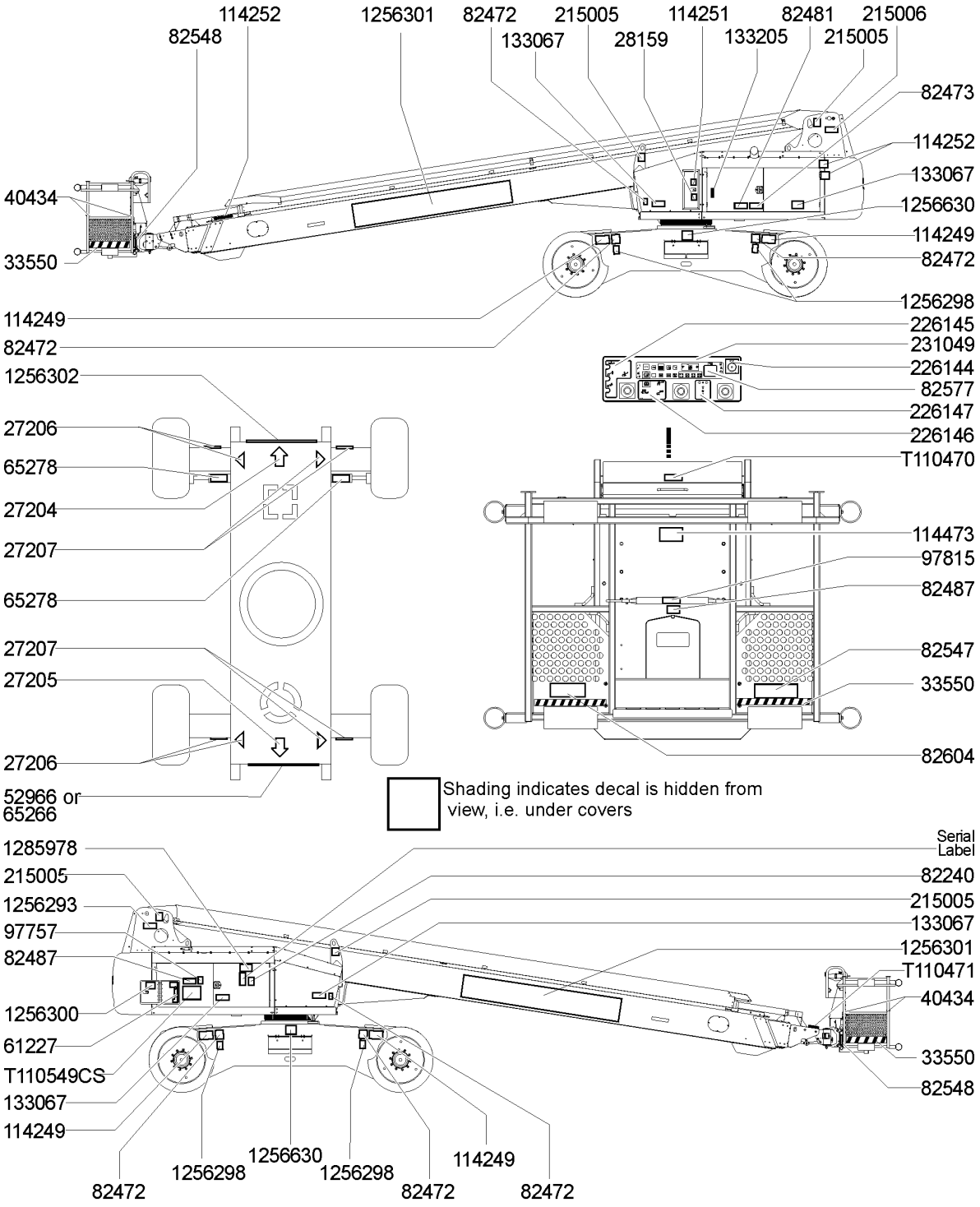
S-3800 101.1
Decals with Symbols

Item	Part No.	Description	Qty.
29	T110470GT	Label - Close Cover When Not Using	1
30	T110471GT	Label - No Step or Ride	1
31	1256300GT	Label - Range of Motion,	1
32	T114286GT	DECAL.WARN,INSTAL COVER,SYM	8
33	226144GT	DECAL,ESTOP,PCON,SHIPYARD	1
34	226145GT	DECAL,BOOM UP/DN,PCON,SHIPYARD	1
35	226146GT	DECAL,EXT/RET/ROTATE,PCON,SY	1
36	226147GT	DECAL,STEER/DRIVE,PCON,SY	1
37	T110549CSGT	DECAL,FAULT CODES,SB/SY	1
38	82240GT	DECAL,LABEL,105 DB (CE) models	1
39	82577GT	DECAL,PLATFORM OVERLOAD PATCH (CE) models	1
40	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (CE) models	1
41	215005GT	DECAL,LIFTING	4
42	1256294GT	DECAL,LIFTING/CG,S-120HD	2
43	65266GT	DECAL,COSMETIC,4X4	1
44	1285980GT	DECAL, S120HD EMISSION INFO, CHINA III, DEUTZ Only China models	1
45	231049GT	DECAL, PCON, TOG SW PANEL, SBOOM	1
46	215007GT	DECAL,LIFTING/CG,S-3800	1



S-3200 102.1
Decals with Symbols

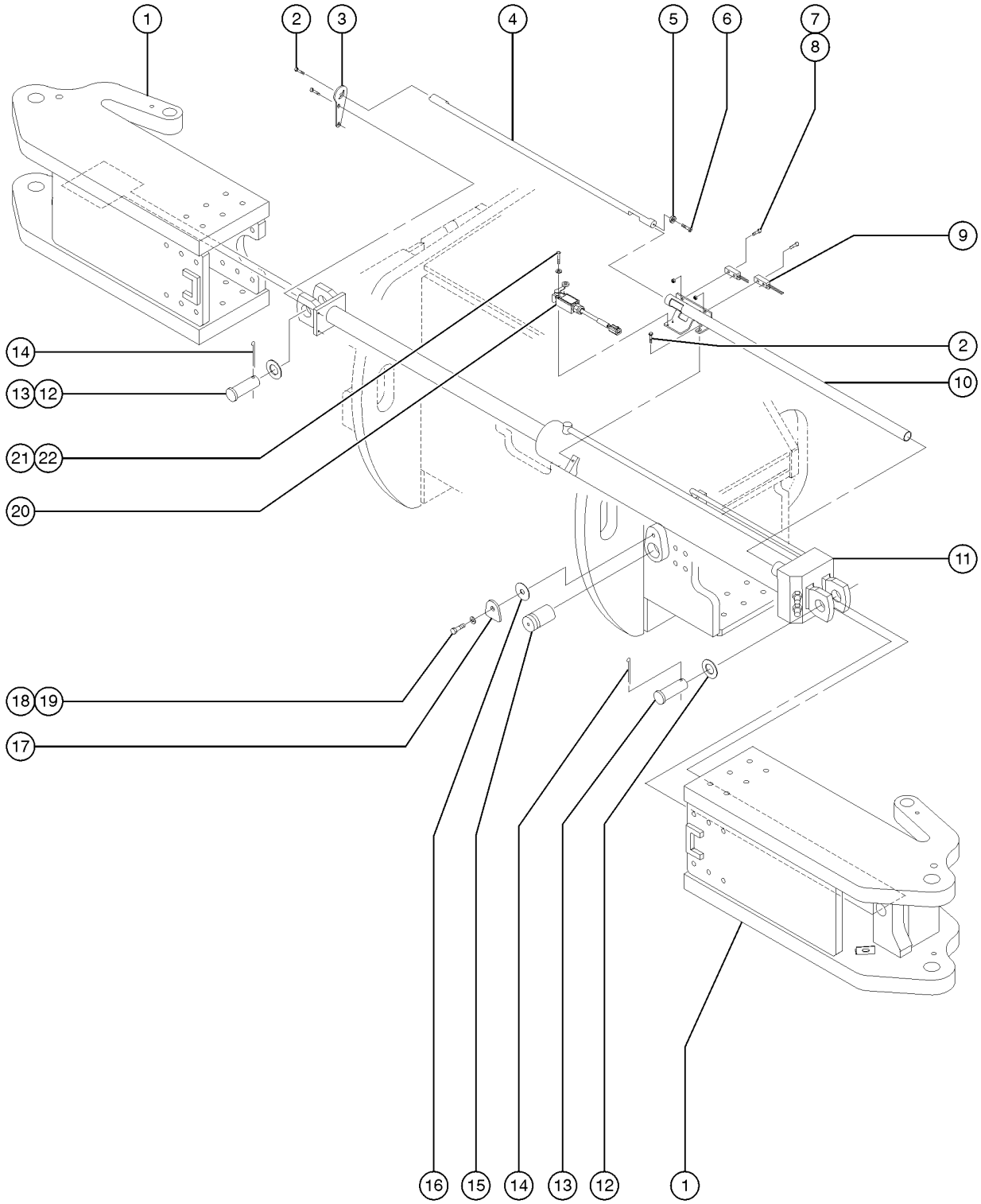
Item	Part No.	Description	Qty.
-	226059GT	DECAL KIT,SYMBOL,S-3200 includes items 1 - 35	
-	226063GT	DECAL KIT,SYMBOL,S-3200 (CS) includes items 1 - 36	
1	1256298GT	Label - Wheel Load, S-100HD	4
2	1256301GT	Cosmetic - Genie S-100HD	1
3	1256302GT	Cosmetic - S-100HD	1
4	27204GT	DECAL,ARROW BLUE	1
5	27205GT	DECAL,ARROW YELLOW LRG 9"	1
6	27206GT	DECAL,TRIANGLE,BLUE	4
7	27207GT	DECAL,TRIANGLE,YELLOW	4
8	28159GT	DECAL,DIESEL	1
9	40434GT	DECAL,LANYARD ANCHORAGE POINT	4
10	52966GT	DECAL,COSMETIC,4 X 2	1
11	61227GT	DECAL,GROUND CONTROL PANEL	1
12	65278GT	DECAL,CAUTION,NO STEP	2
13	82472GT	DECAL,WARNING,CRUSHING HAZARD	6
14	82473GT	DECAL,SYMBOL-COMP ACCESS	1
15	82481GT	DECAL SYMBOL BATTERY SAFETY	1
16	82487GT	DECAL, SYMBOL - READ THE MANUAL	2
17	82547GT	DECAL,DANGER,MAX LOAD 340 KG	1
18	82548GT	DECAL,WARN,CRUSH HAZARD PLAT	2
19	82604GT	DECAL,DANGER,SIDE FRC 400N	1
20	97757GT	DECAL,LABEL,OIL LEVEL IND	1
21	97815GT	DECAL,LABEL,LOWER MIDRAIL	1
22	1256630GT	DECAL,LABEL,TRANSPORT DIAGRAM	2
23	114249GT	DECAL,LABEL,TIPOVER,TIRES,SYMB	4
24	114251GT	DECAL,LABEL,NO SMOKING,SYMB	1
25	114252GT	DECAL,LABEL,TIP OVER LMT SWTCH	3
26	114473GT	DECAL,DANGER,TIPOVER,TILT,SYM	1



S-3200 102.1
Decals with Symbols

Item	Part No.	Description	Qty.
27	133067GT	DECAL,DANGER,ELEC.HAZ.STAY CLR	4
28	133205GT	DECAL,LABEL, ELECTRO HAZARD	1
29	T110470GT	Label - Close Cover When Not Using	1
30	T110471GT	Label - No Step or Ride	1
31	1256300GT	Label - Range of Motion,	1
32	226144GT	DECAL,ESTOP,PCON,SHIPYARD	1
33	226145GT	DECAL,BOOM UP/DN,PCON,SHIPYARD	1
34	226146GT	DECAL,EXT/RET/ROTATE,PCON,SY	1
35	226147GT	DECAL,STEER/DRIVE,PCON,SY	1
36	T110549CSGT	DECAL,FAULT CODES,SB/SY	1
37	82240GT	DECAL,LABEL,105 DB (CE) models	1
38	82577GT	DECAL,PLATFORM OVERLOAD PATCH (CE) models	1
39	33550GT	TAPE,WARNING,BLK/YEL, 50'*** (CE) models	1
40	215005GT	DECAL,LIFTING	4
41	1256293GT	DECAL,LIFTING/CG,S-100HD	2
42	65266GT	DECAL,COSMETIC,4X4	1
43	1285978GT	DECAL, S100HD EMISSION INFO, CHINA III, DEUTZ Only China models	1
44	215006GT	DECAL,LIFTING/CG,S-3200	1
45	231049GT	DECAL, PCON, TOG SW PANEL, SBOOM	1

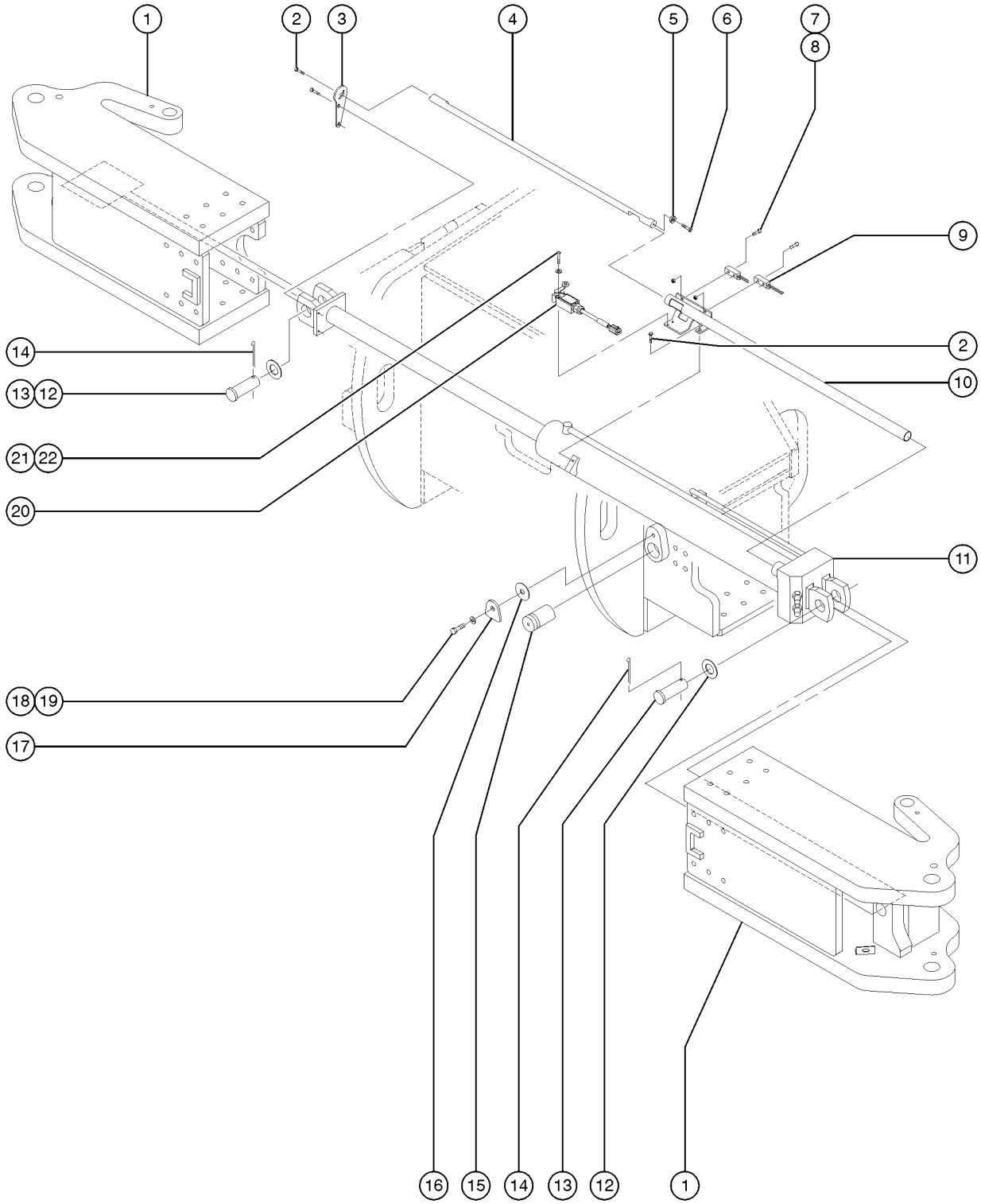
201.1 Extendable Steer Axle Installation - View 1, S-100HD



201.1 Extendable Steer Axle Installation - View 1, S-100HD

Item	Part No.	Description	Qty.
1		Ref. MACHINING,INNER AXLE (refer to 202.1)	
2	75060GT	SCREW,HEX HD FLANGE 1/4-20X1/2	
3	61682PGT	BRACKET,SWITCH ROD MOUNT,PNTED	2
4	61683GT	ROD,SWITCH ACTIVATING	2
5	61684GT	WEARPAD,ACTIVATING ROD	2
6	8514GT	SCREW,FHS,1/4-20 X .75	
7	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
8	6178GT	NUT, NYLOCK, 10-32	
9	60987GT	SWITCH,LIMIT,PROX(OPERATIONAL)	4
10	61688GT	WELDMENT,AXLE SWITCH	2
11	89536GT	CYLINDER,AXLE EXTEND***	2
11-	226803GT	SEAL KIT (89536) for 89536	
11-	33428GT	VALVE,COUNTERBALANCE	
11-	43018GT	SEAL KIT (39345)	
11-	62419GT	VALVE,CB.CBBC-LHN@2200*	
12	18596GT	WASHER, FLAT, 1.56 X 2.5 X .061	
13	61604GT	PIN,CLEVIS, 1.50 X 4.465LONG	4
14	75063GT	PIN,COTTER,.188 X 2.00 LONG	
15	75038GT	PIN,AXLE STOP	4
16	75040GT	SHIM,AXLE PIN	
17	75039-SGT	PLATE,AXLE PIN RETAINER	4
18	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
19	6033GT	WASHER,LOCK,0.5"	
20	75036GT	LIMIT SWITCH,SAFETY	2
20-	75913GT	LIMIT SWITCH, SAFETY,NO WIRE	
20-	75910GT	WIRE ASSEMBLY,16/4SJO,9.5"PLUG	
20-	53983GT	STRAIN RELIEF, PG13,5	
21	49817GT	SCREW PHM 10-32 X 1.25	

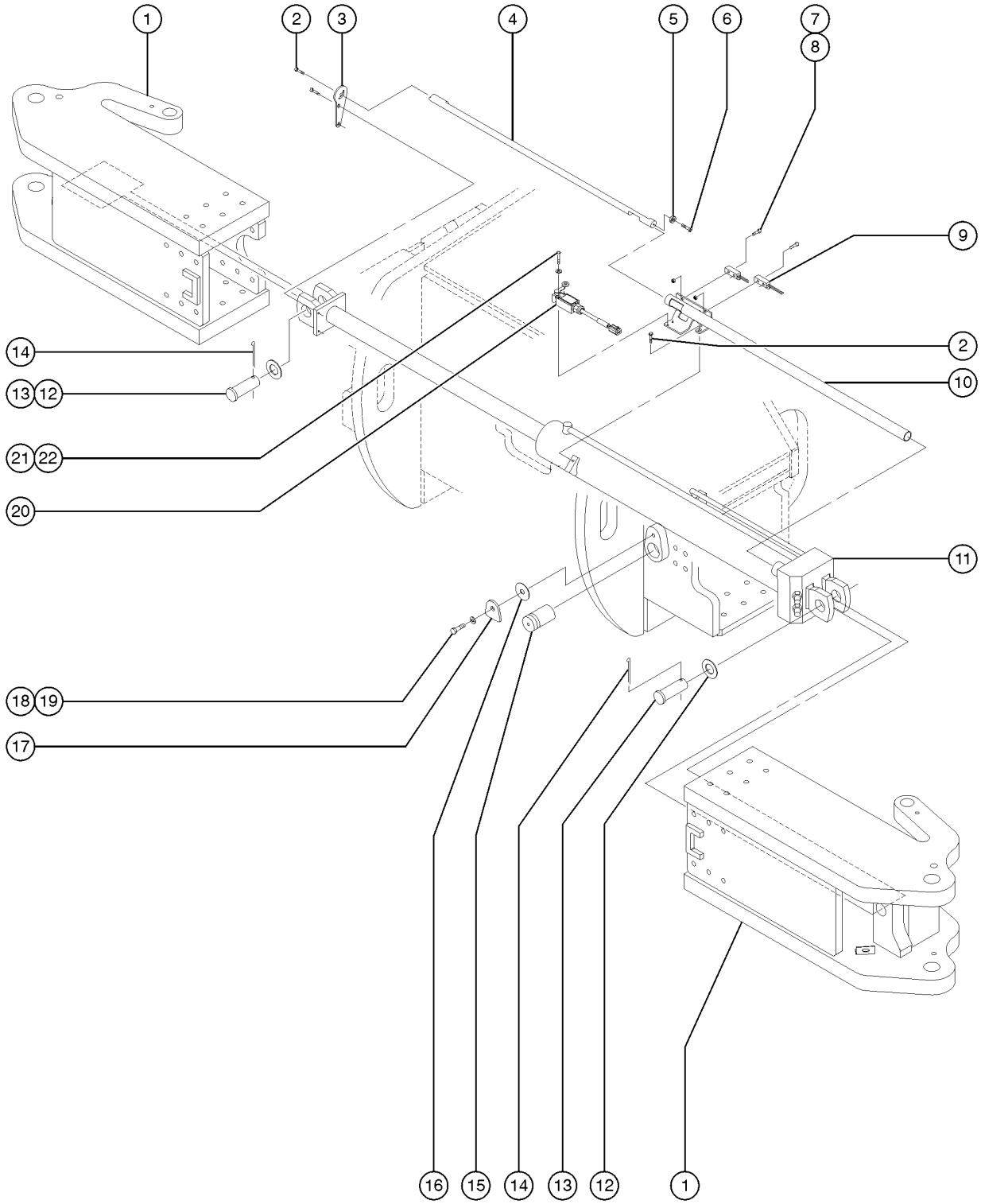
201.1 Extendable Steer Axle Installation - View 1, S-100HD



201.1 Extendable Steer Axle Installation - View 1, S-100HD

Item	*Part No.*	*Description*	*Qty.*
22	6607GT	WASHER,LOCK,#10 PLTD	

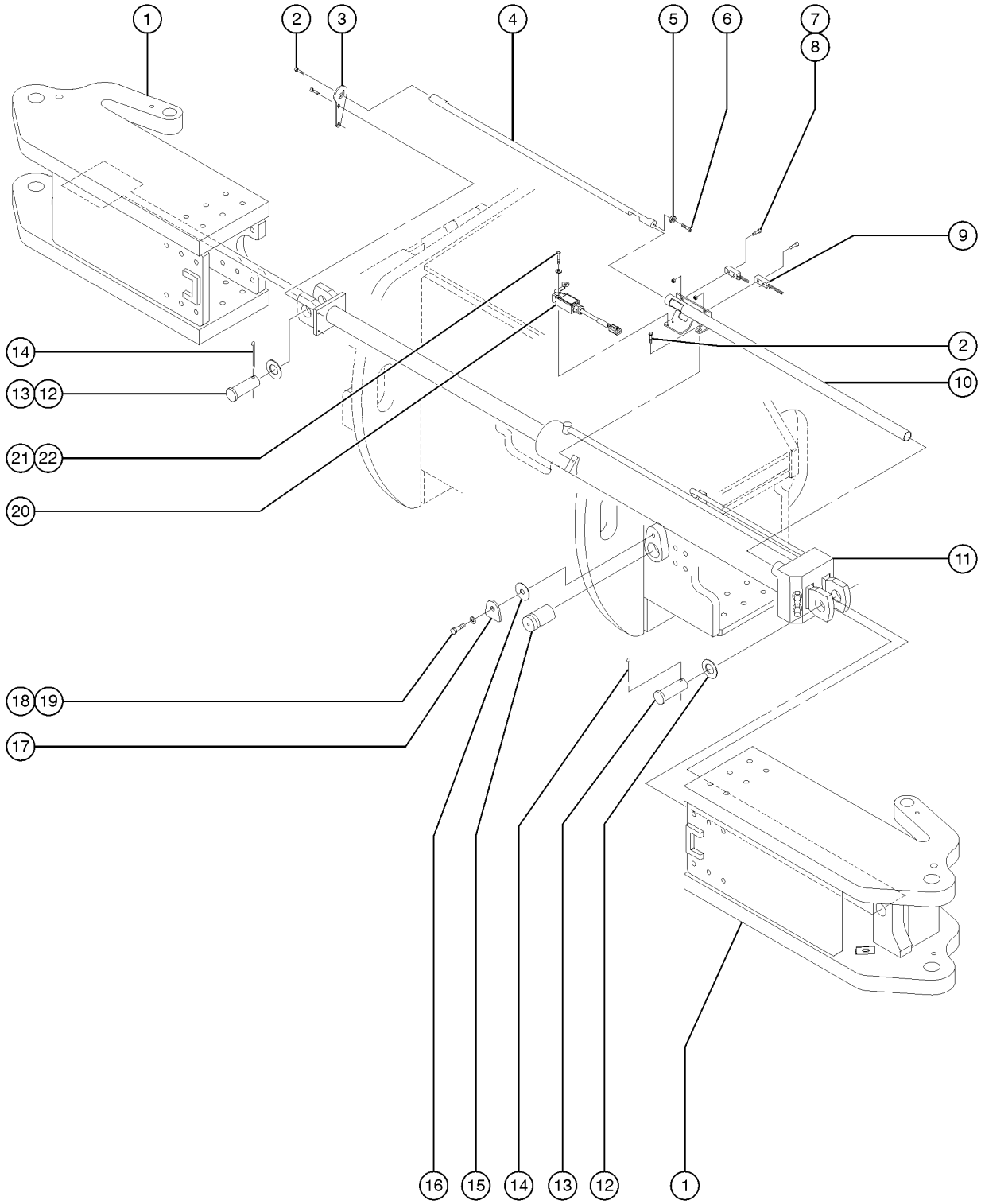
201.2 Extendable Steer Axle Installation - View 1, S-120HD



201.2 Extendable Steer Axle Installation - View 1, S-120HD

Item	Part No.	Description	Qty.
1		Ref. MACHINING,INNER AXLE (refer to 202.1)	
2	75060GT	SCREW,HEX HD FLANGE 1/4-20X1/2	
3	61682PGT	BRACKET,SWITCH ROD MOUNT,PNTED	2
4	61683GT	ROD,SWITCH ACTIVATING	2
5	61684GT	WEARPAD,ACTIVATING ROD	2
6	8514GT	SCREW,FHS,1/4-20 X .75	
7	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
8	6178GT	NUT, NYLOCK, 10-32	
9	60987GT	SWITCH,LIMIT,PROX(OPERATIONAL)	4
10	61688GT	WELDMENT,AXLE SWITCH	2
11	89536GT	CYLINDER,AXLE EXTEND***	2
11-	226803GT	SEAL KIT (89536) for 89536	
11-	33428GT	VALVE,COUNTERBALANCE	
11-	43018GT	SEAL KIT (39345)	
11-	62419GT	VALVE,CB.CBBC-LHN@2200*	
12	18596GT	WASHER, FLAT, 1.56 X 2.5 X .061	
13	61604GT	PIN,CLEVIS, 1.50 X 4.465LONG	4
14	75063GT	PIN,COTTER,.188 X 2.00 LONG	
15	75038GT	PIN,AXLE STOP	4
16	75040GT	SHIM,AXLE PIN	
17	75039-SGT	PLATE,AXLE PIN RETAINER	4
18	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
19	6033GT	WASHER,LOCK,0.5"	
20	75036GT	LIMIT SWITCH,SAFETY	2
20-	75913GT	LIMIT SWITCH, SAFETY,NO WIRE	
20-	75910GT	WIRE ASSEMBLY,16/4SJO,9.5"PLUG	
20-	53983GT	STRAIN RELIEF, PG13,5	
21	49817GT	SCREW PHM 10-32 X 1.25	

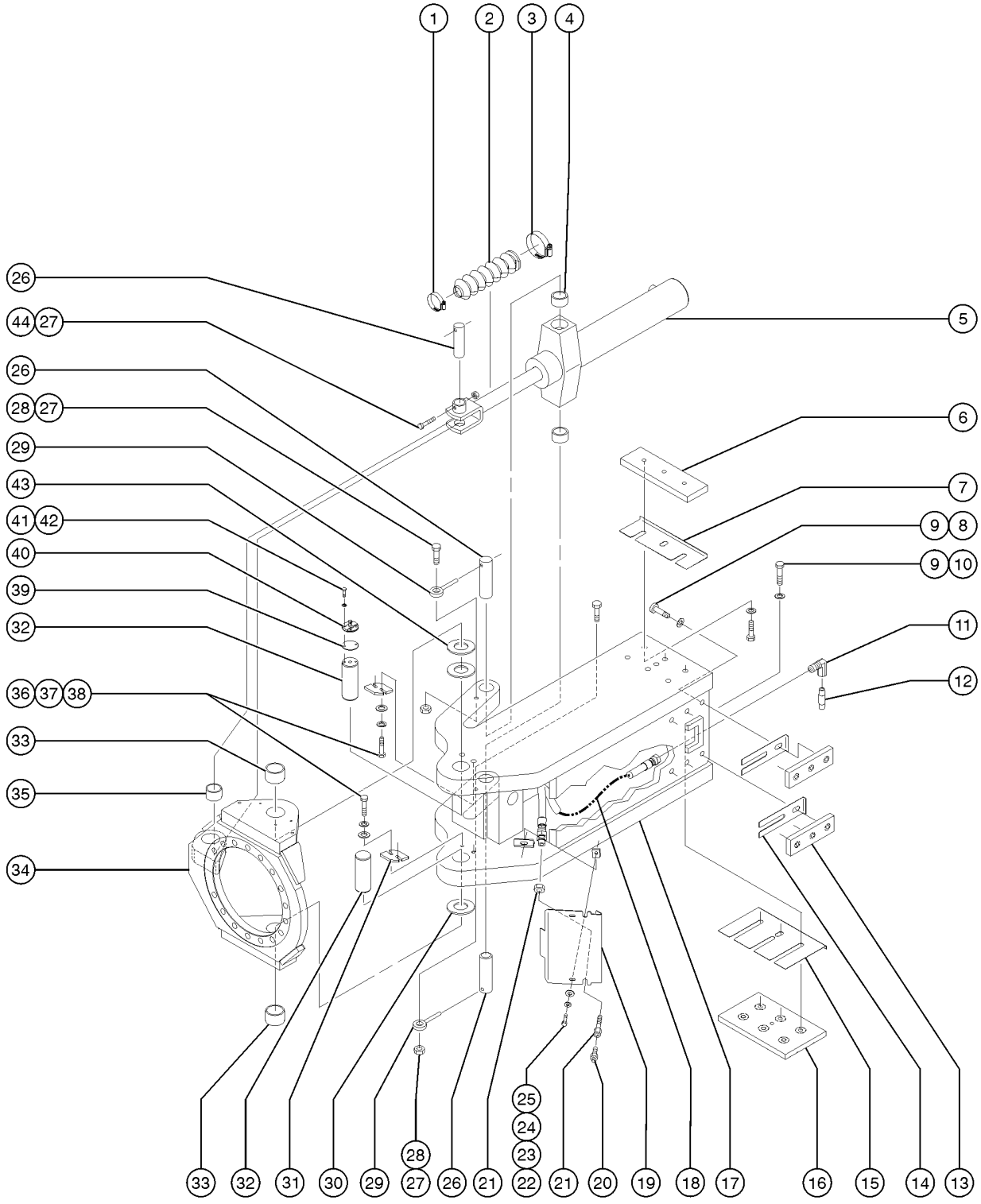
201.2 Extendable Steer Axle Installation - View 1, S-120HD



201.2 Extendable Steer Axle Installation - View 1, S-120HD

Item	*Part No.*	*Description*	*Qty.*
22	6607GT	WASHER,LOCK,#10 PLTD	

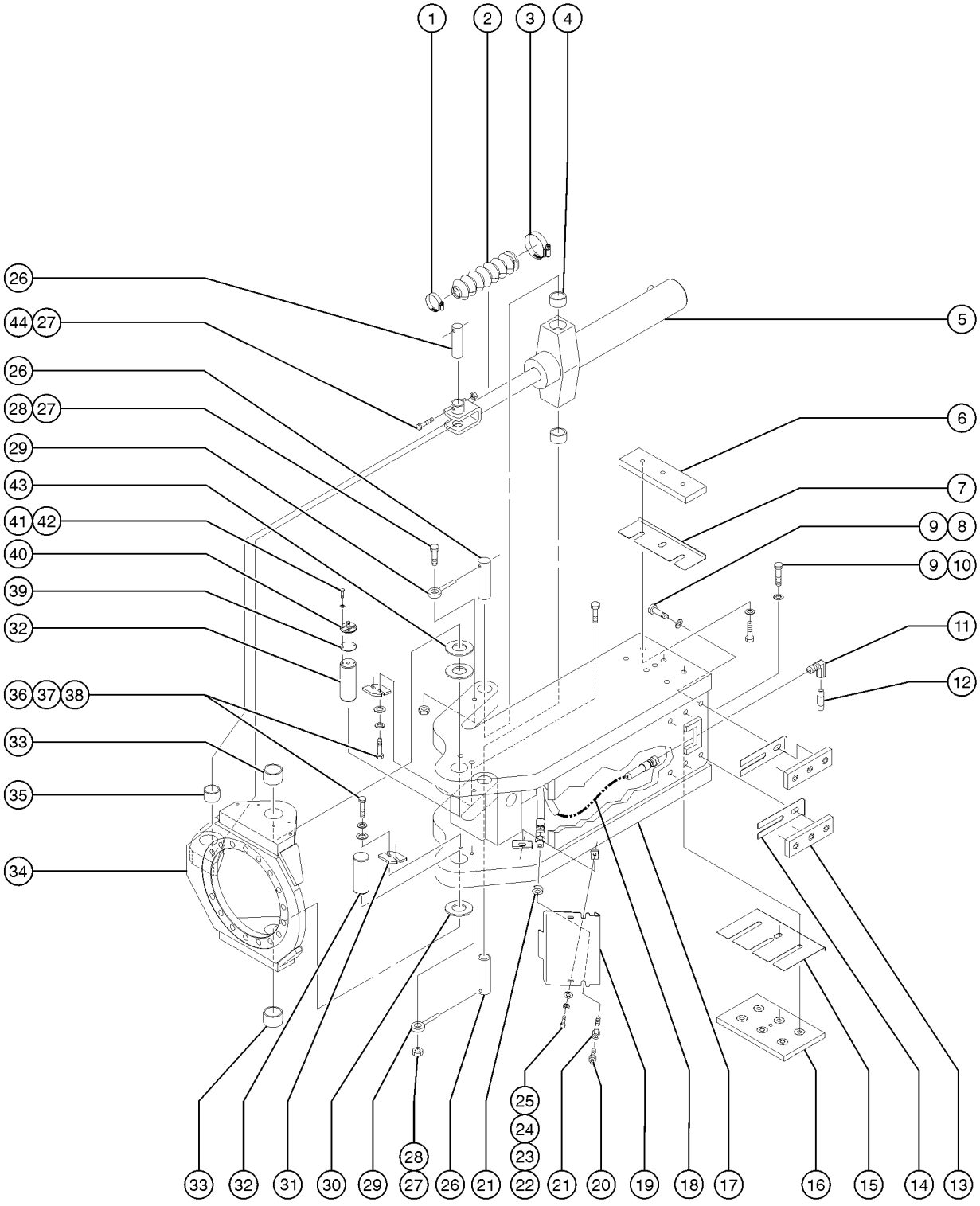
202.1 Extendable Steer Axle Installation - View 2, S-100HD



202.1 Extendable Steer Axle Installation - View 2, S-100HD

Item	Part No.	Description	Qty.
1	22672GT	CLAMP,HOSE,1.75 (2WD)	2
1-	22672GT	CLAMP,HOSE,1.75 (4WD)	
2	60627GT	COVER,PROTECTIVE,STEER CYL*** (2WD)	2
2-	60627GT	COVER,PROTECTIVE,STEER CYL*** (4WD)	
3	30489GT	CLAMP, HOSE, 3.50" (2WD)	2
3-	30489GT	CLAMP, HOSE, 3.50" (4WD)	
4	18396GT	BEARING,1.5IDX1.75ODX1.0L (2WD)	4
4-	18396GT	BEARING,1.5IDX1.75ODX1.0L (4WD)	
5	50060-SGT	CYLINDER,STEERING W/DECAL (2WD) includes item 4	2
5-	50060-SGT	CYLINDER,STEERING W/DECAL (4WD) includes item 4	4
5-	65793GT	SEAL KIT CYL***	
6	61310GT	PLATE,AXLE WEAR STEEL	8
7	61307GT	SHIM,INNER AXLE WEAR PAD as-needed	
8	22788GT	SCREW,HHC,1/2-13 X 1.75	
9	6033GT	WASHER,LOCK,0.5"	
10	39479GT	SCREW,HHC,1/2-13 X 2.75	
11	102729GT	ELBOW,90D,1/8 NPT X #4 JIC	8
12	102728GT	NIPPLE,1/8 NPT X 3.0 FFS-S	4
13	61308GT	WEAR PAD,INNER AXLE SIDE	16
14	122249GT	SHIM,PAD 2.0 X 6.60 as-needed	
15	122248GT	SHIM,PAD,10 X 6.10 as-needed	
16	61309GT	WEAR PAD,INNER AXLE	8
17	61634GT	MACHINING,INNER AXLE (2WD), replaces 61634-SGT	2
17B	61634GT	MACHINING,INNER AXLE (4WD), replaces 61634-SGT	4
18	49189-2338GT	HOSE ASSY,1/4,STR FEM,STR	8
19	61654PGT	FORMING,INNER AXLE COVER,PNTED	2
20	28646GT	ZERK,GREASE,1/8 NPT	8
21	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	8

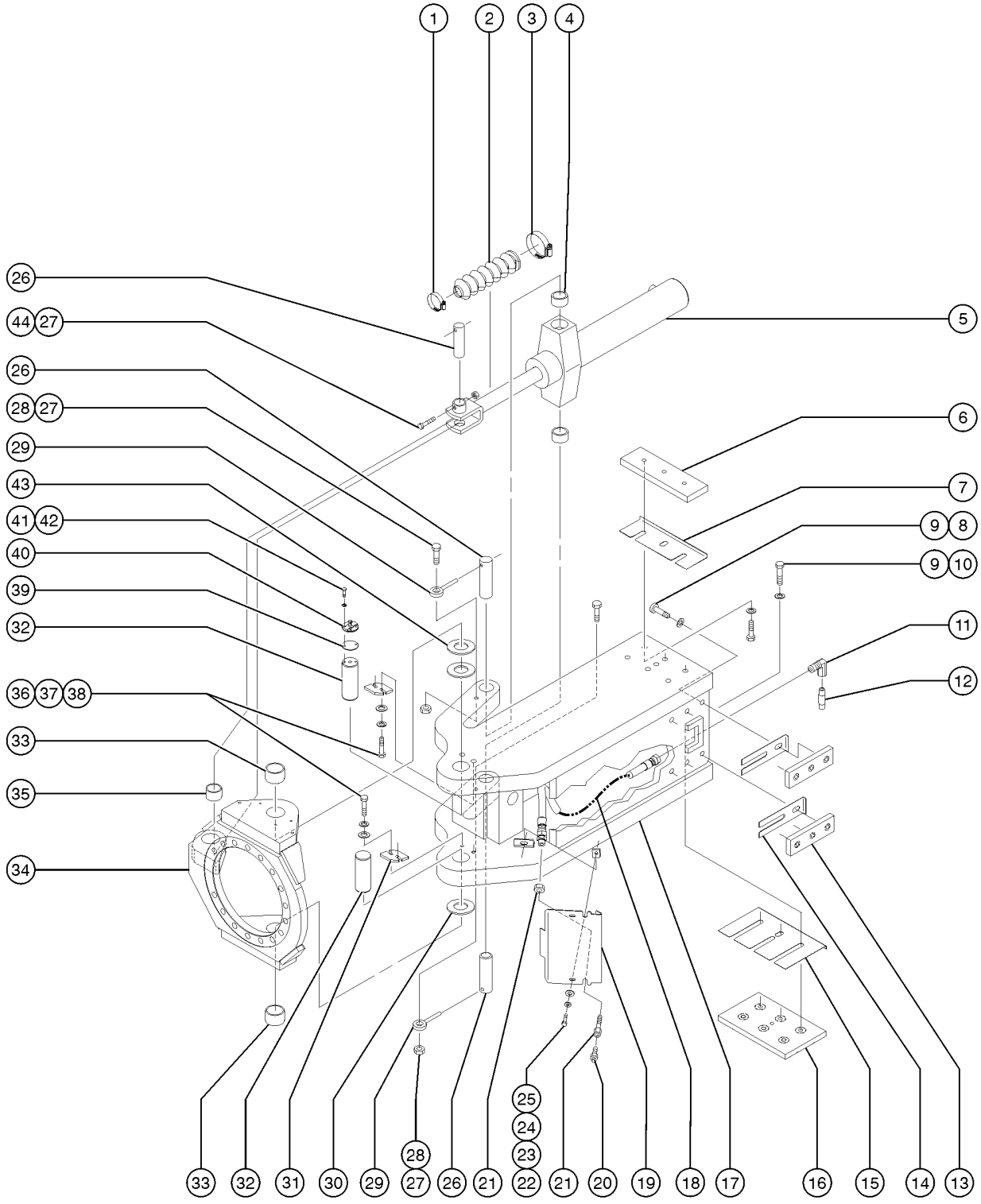
202.1 Extendable Steer Axle Installation - View 2, S-100HD



202.1 Extendable Steer Axle Installation - View 2, S-100HD

Item	Part No.	Description	Qty.
22	6090GT	SCREW, HHC, 1/4-20 X .75	
23	6356GT	WASHER, LOCK, .25	
24	6638GT	WASHER,FLAT, USS, 1/4"Y	
25	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
26	60980GT	PIN,1.50DIAX4.13LG,THREADED	6
27	4828GT	NUT, NYLOCK, 3/8-16	
28	6326GT	SCREW,HHC,3/8-16 X 3	
29	825019GT	ROD END,.375 X 3.69,ZAG	8
30	60555GT	WASHER,THRUST 5 X 1.81 BRON	2
31	75088GT	PLATE,KING PIN RETAINER	4
32	75087GT	PIN,AXLE KING	4
33	119620GT	BEARING,1.75IDX2.00ODX1.50L	4
34	75452-SGT	YOKE ASSEMBLY,SUPERBOOM,NRRW (2WD) includes items 33 and 35	2
34-	75452-SGT	YOKE ASSEMBLY,SUPERBOOM,NRRW (4WD) includes items 33 and 35	4
35	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	2
36	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
37	6021GT	WASHER, LOCK, .375	
38	6097GT	WASHER, FLAT, USS, 3/8", Y	
39	60747GT	SHIM,STEER SENSOR ACTIVATOR	2
40	60618GT	ACTIVATOR,STEER SENSOR	2
41	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
42	6607GT	WASHER,LOCK,#10 PLTD	
43	60745GT	SHIM,GALVANIZED STEER YOKE as-needed	
44	14033GT	SCREW, HHC, 3/8-16 X 2.75	

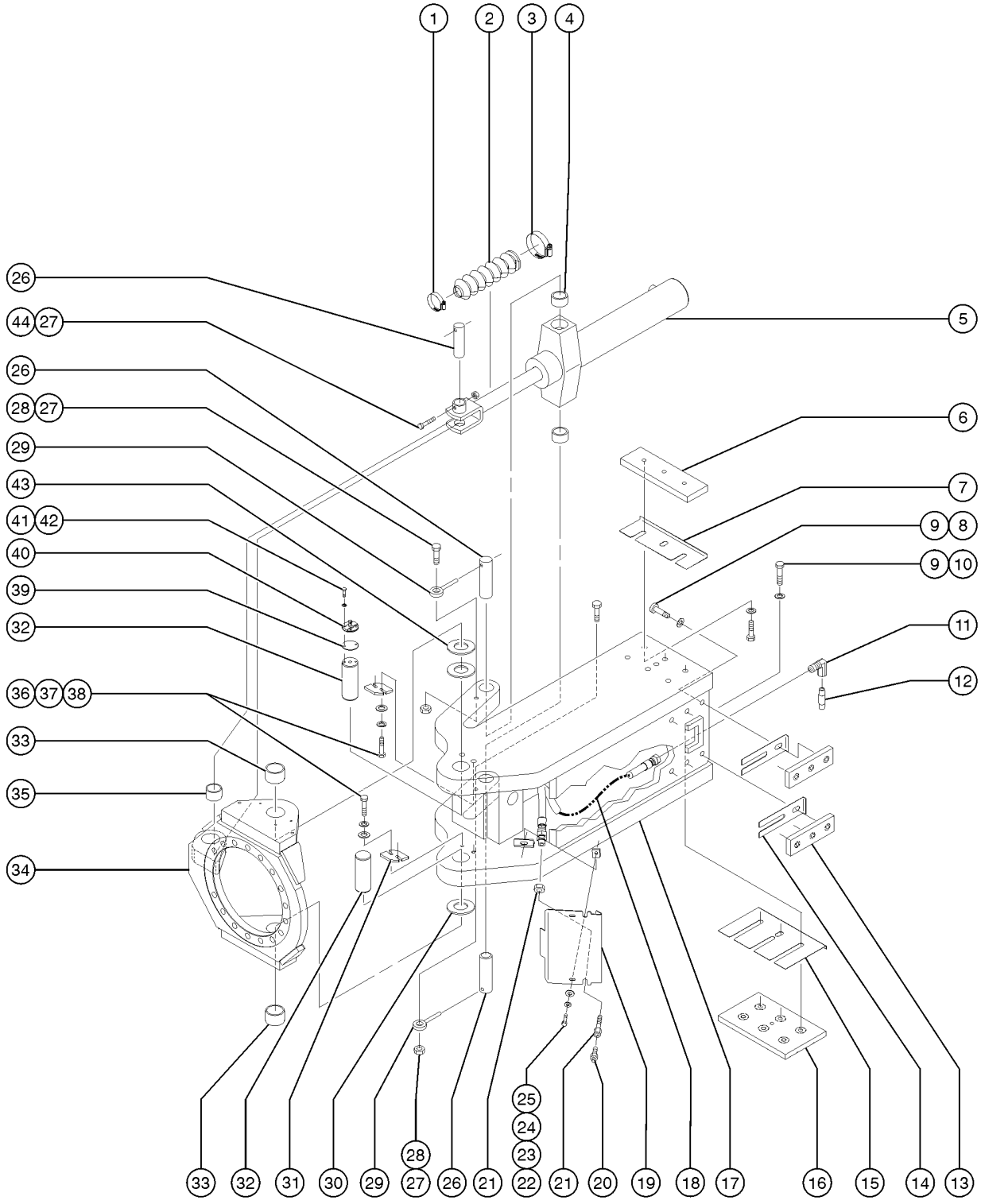
202.2 Extendable Steer Axle Installation - View 2, S-120HD



202.2 Extendable Steer Axle Installation - View 2, S-120HD

Item	Part No.	Description	Qty.
1	22672GT	CLAMP,HOSE,1.75 (2WD)	2
1-	22672GT	CLAMP,HOSE,1.75 (4WD)	
2	60627GT	COVER,PROTECTIVE,STEER CYL*** (2WD)	2
2-	60627GT	COVER,PROTECTIVE,STEER CYL*** (4WD)	
3	30489GT	CLAMP, HOSE, 3.50" (2WD)	2
3-	30489GT	CLAMP, HOSE, 3.50" (4WD)	
4	18396GT	BEARING,1.5IDX1.75ODX1.0L (2WD)	4
4-	18396GT	BEARING,1.5IDX1.75ODX1.0L (4WD)	
5	50060-SGT	CYLINDER,STEERING W/DECAL (2WD) includes item 4	2
5-	50060-SGT	CYLINDER,STEERING W/DECAL (4WD) includes item 4	4
5-	65793GT	SEAL KIT CYL***	
6	61310GT	PLATE,AXLE WEAR STEEL	8
7	61307GT	SHIM,INNER AXLE WEAR PAD as-needed	
8	22788GT	SCREW,HHC,1/2-13 X 1.75	
9	6033GT	WASHER,LOCK,0.5"	
10	39479GT	SCREW,HHC,1/2-13 X 2.75	
11	102729GT	ELBOW,90D,1/8 NPT X #4 JIC	8
12	102728GT	NIPPLE,1/8 NPT X 3.0 FFS-S	4
13	61308GT	WEAR PAD,INNER AXLE SIDE	16
14	122249GT	SHIM,PAD 2.0 X 6.60 as-needed	
15	122248GT	SHIM,PAD,10 X 6.10 as-needed	
16	61309GT	WEAR PAD,INNER AXLE	8
17	61634GT	MACHINING,INNER AXLE (2WD), (replaces 61634-SGT)	2
17B	61634GT	MACHINING,INNER AXLE (4WD), (replaces 61634-SGT)	4
18	49189-2338GT	HOSE ASSY,1/4,STR FEM,STR	8
19	61654PGT	FORMING,INNER AXLE COVER,PNTED	2
20	28646GT	ZERK,GREASE,1/8 NPT	8
21	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	8

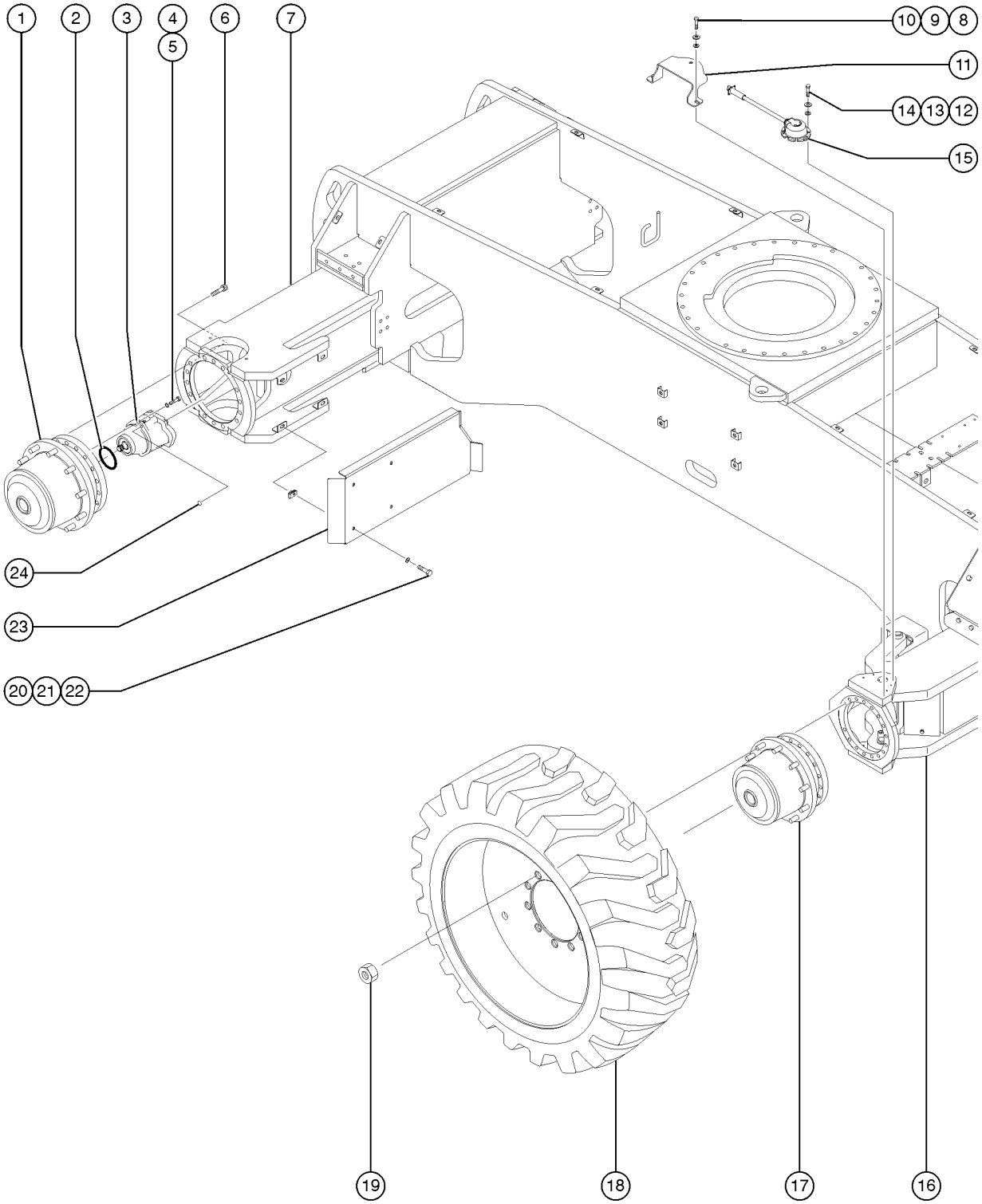
202.2 Extendable Steer Axle Installation - View 2, S-120HD



202.2 Extendable Steer Axle Installation - View 2, S-120HD

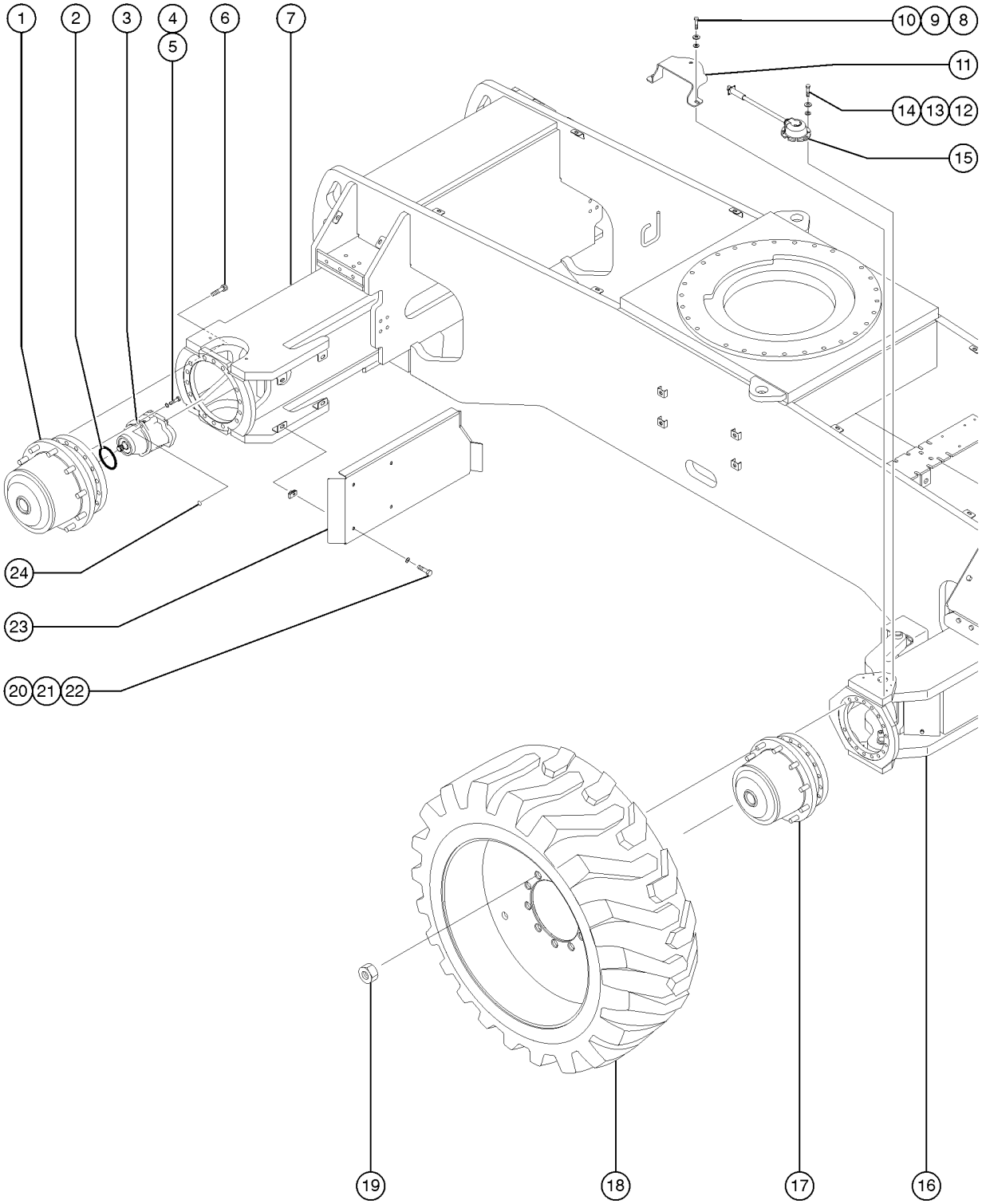
Item	Part No.	Description	Qty.
22	6090GT	SCREW, HHC, 1/4-20 X .75	
23	6356GT	WASHER, LOCK, .25	
24	6638GT	WASHER,FLAT, USS, 1/4"Y	
25	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	8
26	60980GT	PIN,1.50DIAX4.13LG,THREADED	6
27	4828GT	NUT, NYLOCK, 3/8-16	
28	6326GT	SCREW,HHC,3/8-16 X 3	
29	825019GT	ROD END,.375 X 3.69,ZAG	8
30	60555GT	WASHER,THRUST 5 X 1.81 BRON	2
31	75088GT	PLATE,KING PIN RETAINER	4
32	75087GT	PIN,AXLE KING	4
33	119620GT	BEARING,1.75IDX2.00ODX1.50L	4
34	75452-SGT	YOKE ASSEMBLY,SUPERBOOM,NRRW (2WD) includes items 33 and 35	2
34-	75452-SGT	YOKE ASSEMBLY,SUPERBOOM,NRRW (4WD) includes items 33 and 35	4
35	119619GT	BEARING,1.5 ID X 1.75 ODX1.5L	2
36	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
37	6021GT	WASHER, LOCK, .375	
38	6097GT	WASHER, FLAT, USS, 3/8", Y	
39	60747GT	SHIM,STEER SENSOR ACTIVATOR	2
40	60618GT	ACTIVATOR,STEER SENSOR	2
41	49819GT	SCREW,PHILLIPS,PHM,10-32 X .5	
42	6607GT	WASHER,LOCK,#10 PLTD	
43	60745GT	SHIM,GALVANIZED STEER YOKE as-needed	
44	14033GT	SCREW, HHC, 3/8-16 X 2.75	

203.1 Axle Wheel and Drive Hub (2WD), S-100HD



Item	Part No.	Description	Qty.
	110276GT	FIRE SLEEVE, 1.25" ..... Qty. 2	58
1	149287GT	WHEEL DRIVE W/BRK,113:1 SY	2
1-	106873GT	SEAL KIT,RWD 1700TB***	
1-	106874GT	BEARING KIT,RWD 1700TB***	
1-	149288GT	BRAKE KIT	
2	106118GT	O-RING,2-157,VITON***	2
3	102717GT	MOTOR,PISTON,HYD,45CC/19.5CC	2
3-	106098GT	SEAL KIT,MOTOR,LC/KC***	
4	75101GT	SCREW,SHC,1/2-13 X 1.25,A574	4
5	13064GT	WASHER, FLAT, .625 HARDENED	4
6	102064GT	SCREW,SHC,M16 X 50MM,BLACK	64
7	61656GT	MACHINED,REAR INNER AXLE	2
8	8255GT	SCREW,HHC,3/8-16 X .75	
9	6021GT	WASHER, LOCK, .375	
10	5397GT	WASHER, FLAT, .313	
11	149103GT	FORMING,SENSOR GUARD	2
12	8914GT	SCREW, HHC, 1/4-20 X .625	
13	6356GT	WASHER, LOCK, .25	
14	6638GT	WASHER,FLAT, USS, 1/4"Y	
15	107830GT	SUBASSY,STEER SENSOR***	2
15-	107829GT	SENSOR,STEER ANGLE***	
16	61634GT	MACHINING,INNER AXLE ..... (Refer to 202.1), (replaces 61634-SGT)	2
17	149101GT	NON DRIVE HUB	2
17-	106873GT	SEAL KIT,RWD 1700TB***	
17-	106874GT	BEARING KIT,RWD 1700TB***	
18		TIRE,SLD RUBBER,RT,445/65D22.5 ..... S-3800; RT, Solid, right (shown); no longer available from supplier	2
18-		TIRE,SLD RUBBER,LF,445/65D22.5 ..... S-3800; RT, Solid, left; no longer available from supplier	2
18-		TIRE,SLD RUBBER,RT,385/65D22.5 ..... S-3200; RT, Solid, right; no longer available from supplier	2

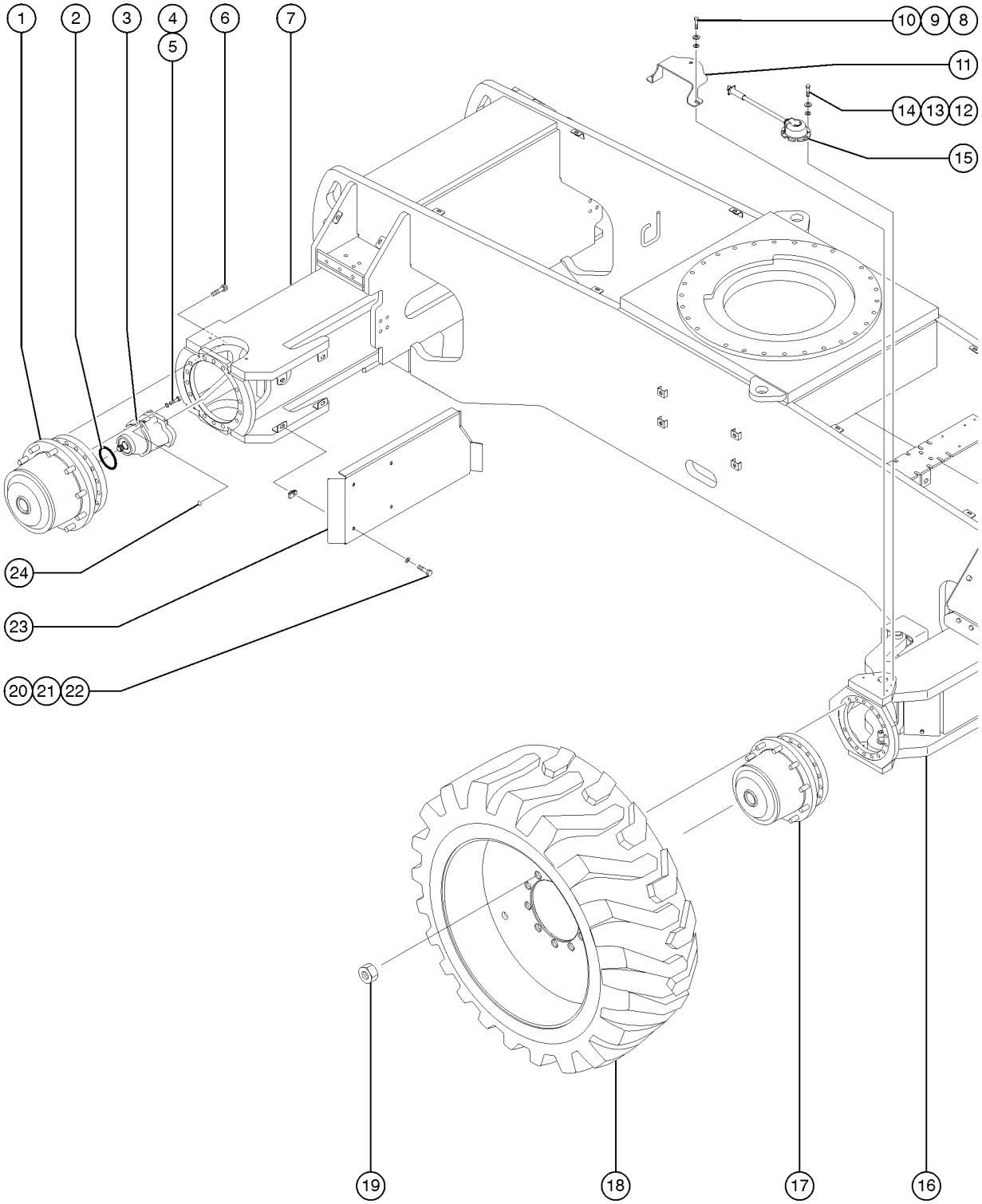
203.1 Axle Wheel and Drive Hub (2WD), S-100HD



203.1 Axle Wheel and Drive Hub (2WD), S-100HD

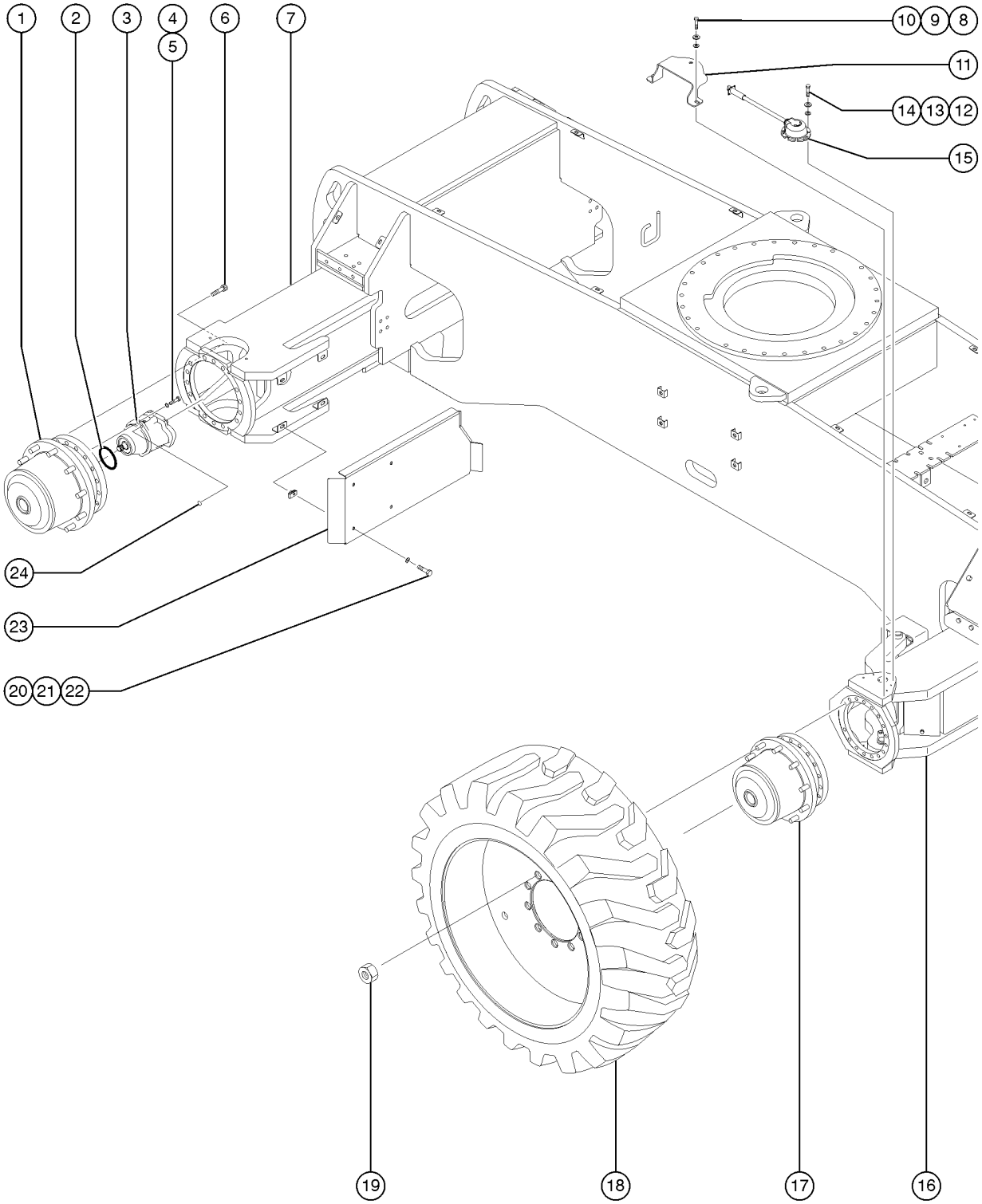
Item	Part No.	Description	Qty.
18-		TIRE,SLD RUBBER,LF,385/65D22.5 S-3200; RT, Solid, left; no longer available from supplier	2
19	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	40
20	6888GT	SCREW, HHC, 1/4-20 X 1	
21	6638GT	WASHER,FLAT, USS, 1/4"Y	
22	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
23	149105GT	WELDMENT,DRIVE HOSE COVER	2
24	122150GT	O-RING,5-052,VITON***	2

203.2 Axle Wheel and Drive Hub (2WD), S-120HD



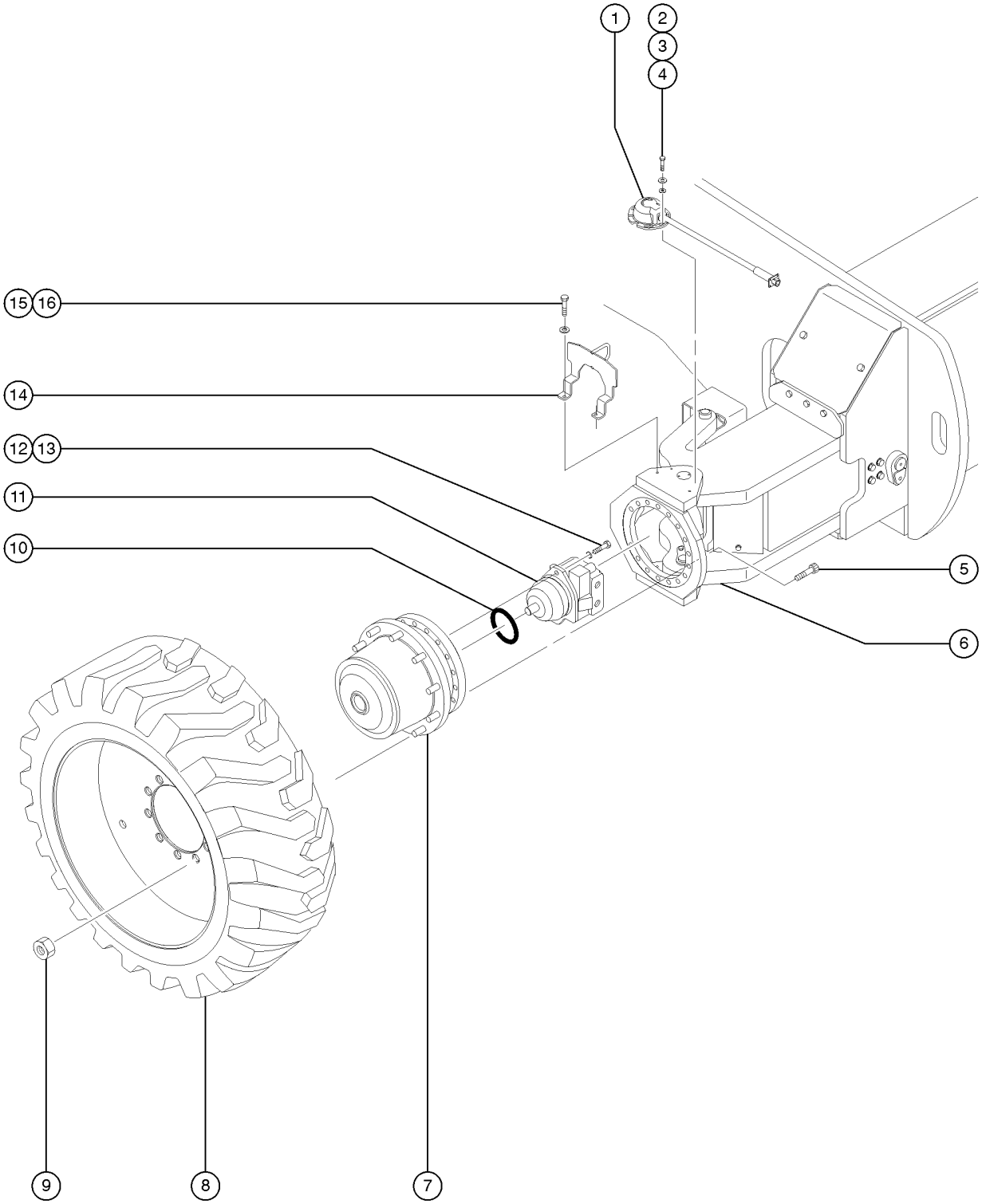
Item	Part No.	Description	Qty.
-	110276GT	FIRE SLEEVE, 1.25" ..... Qty. 2	58
1	149287GT	WHEEL DRIVE W/BRK,113:1 SY	2
1-	106873GT	SEAL KIT,RWD 1700TB***	
1-	106874GT	BEARING KIT,RWD 1700TB***	
1-	149288GT	BRAKE KIT	
2	106118GT	O-RING,2-157,VITON***	2
3	102717GT	MOTOR,PISTON,HYD,45CC/19.5CC	2
3-	106098GT	SEAL KIT,MOTOR,LC/KC***	
4	75101GT	SCREW,SHC,1/2-13 X 1.25,A574	4
5	13064GT	WASHER, FLAT, .625 HARDENED	4
6	102064GT	SCREW,SHC,M16 X 50MM,BLACK	64
7	61656GT	MACHINED,REAR INNER AXLE	2
8	8255GT	SCREW,HHC,3/8-16 X .75	
9	6021GT	WASHER, LOCK, .375	
10	5397GT	WASHER, FLAT, .313	
11	149103GT	FORMING,SENSOR GUARD	2
12	8914GT	SCREW, HHC, 1/4-20 X .625	
13	6356GT	WASHER, LOCK, .25	
14	6638GT	WASHER,FLAT, USS, 1/4"Y	
15	107830GT	SUBASSY,STEER SENSOR***	2
15-	107829GT	SENSOR,STEER ANGLE***	
16	61634GT	MACHINING,INNER AXLE ..... (refer to 202.1), (replaces 61634-SGT)	2
17	149101GT	NON DRIVE HUB	2
17-	106873GT	SEAL KIT,RWD 1700TB***	
17-	106874GT	BEARING KIT,RWD 1700TB***	
18		TIRE,SLD RUBBER,RT,445/65D22.5 ..... S-3800; RT, Solid, right (shown); no longer available from supplier	2
18-		TIRE,SLD RUBBER,LF,445/65D22.5 ..... S-3800; RT, Solid, left; no longer available from supplier	2
18-		TIRE,SLD RUBBER,RT,385/65D22.5 ..... S-3200; RT, Solid, right; no longer available from supplier	2

203.2 Axle Wheel and Drive Hub (2WD), S-120HD



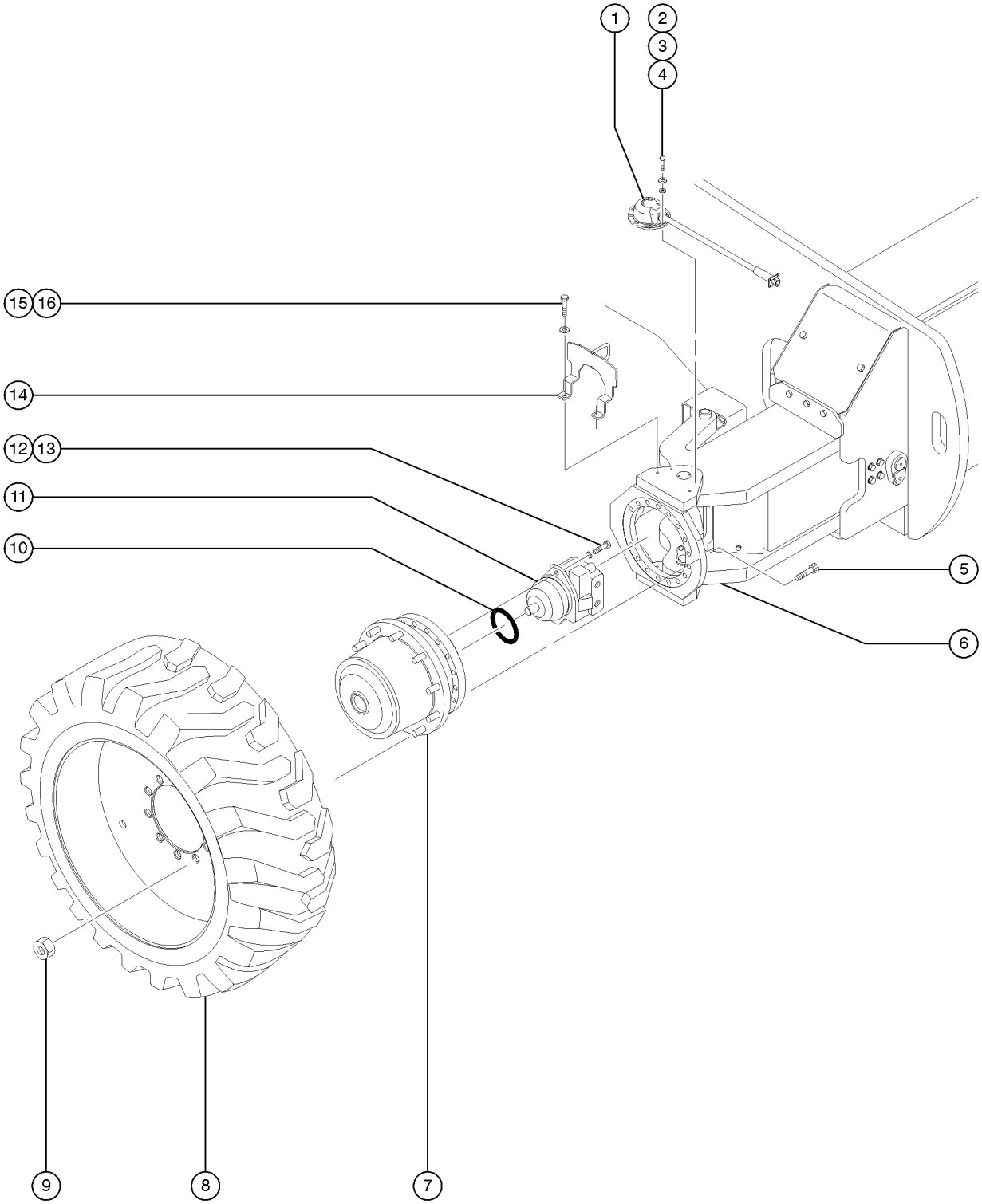
Item	Part No.	Description	Qty.
18-		TIRE,SLD RUBBER,LF,385/65D22.5 S-3200; RT, Solid, left; no longer available from supplier	2
19	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	40
20	6888GT	SCREW, HHC, 1/4-20 X 1	
21	6638GT	WASHER,FLAT, USS, 1/4"Y	
22	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
23	149105GT	WELDMENT,DRIVE HOSE COVER	2
24	122150GT	O-RING,5-052,VITON***	2

204.1 Axle Wheel and Drive Hub (4WD), S-100HD



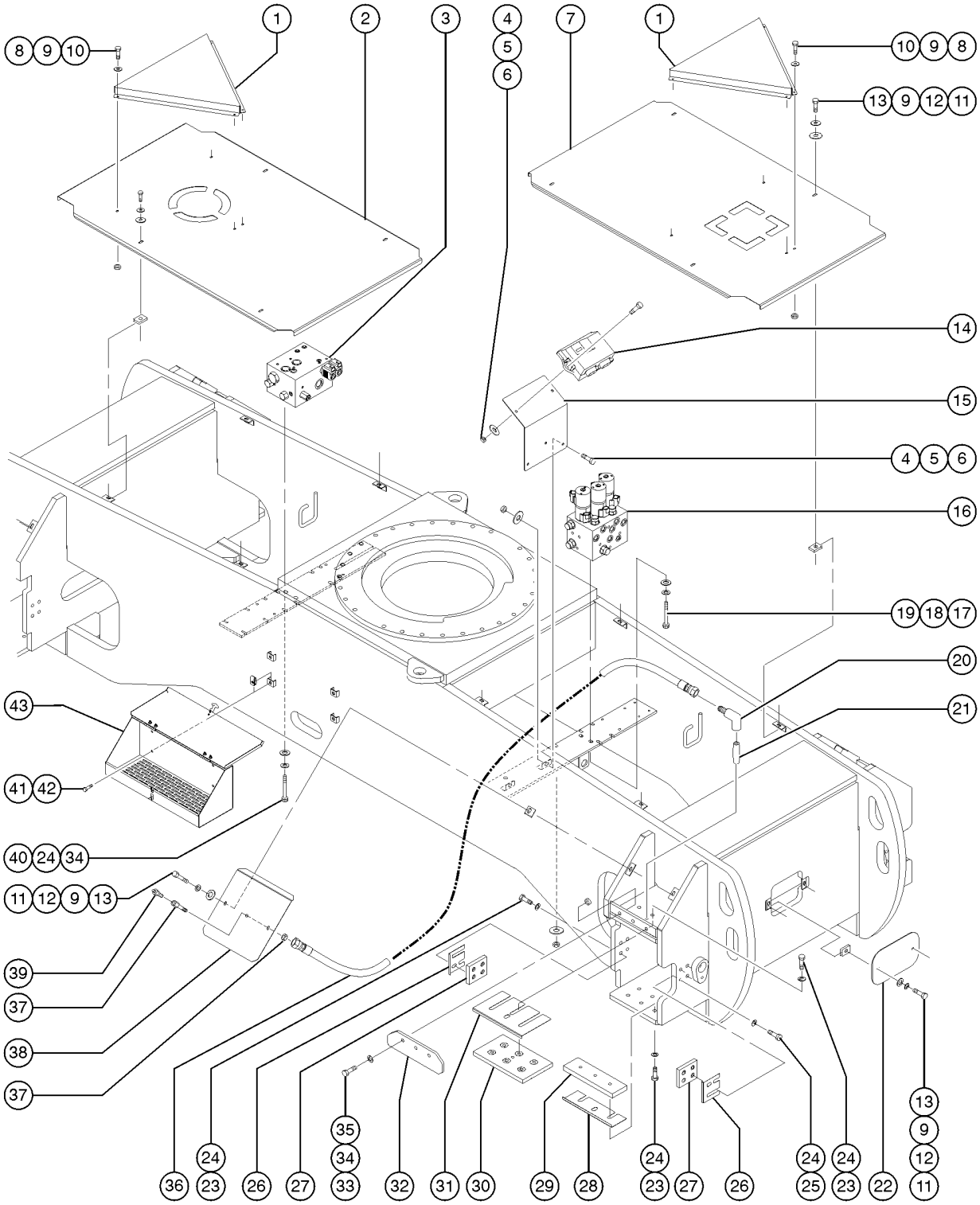
Item	Part No.	Description	Qty.
1	107830GT	SUBASSY,STEER SENSOR*** (calibration required after replacement)	4
1-	49817GT	SCREW PHM 10-32 X 1.25	
2	8914GT	SCREW, HHC, 1/4-20 X .625	
3	6356GT	WASHER, LOCK, .25	
4	6638GT	WASHER,FLAT, USS, 1/4"Y	
5	102064GT	SCREW,SHC,M16 X 50MM,BLACK	72
6	61634GT	MACHINING,INNER AXLE (Refer to 202.1), (replaces 61634-SGT)	4
7	106756GT	WHEEL DRIVE W/BRAKE,76:1	4
7A-	106873GT	SEAL KIT,RWD 1700TB***	
7B-	106874GT	BEARING KIT,RWD 1700TB***	
7C-	106875GT	BRAKE KIT,RWD 1700TB***	
7D-	62478GT	LUG BOLT,3/4-16 X 3"***	
7D-	9990080GT	C034060, SCREW FOR 106756 secures gear cover over wheel stud mount	2
7E-	237232GT	HUB, WHEEL COVER, O-RING (FOR 237233GT)	
7F-	237233GT	HUB, WHEEL COVER,Z135 (106756)	
8		Ref. TIRE,SLD RUBBER (Refer to 203.1)	
9	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	40
10	106118GT	O-RING,2-157,VITON***	4
11	101070GT	MOTOR,PISTON,2 SPEED,45CC includes item 9	4
11-	106098GT	SEAL KIT,MOTOR,LC/KC***	
12	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	8
13	13066GT	WASHER,FLAT,.5 HARDENED	8
14	61662-SGT	WELDMENT,GUIDE BRACKET	4
15	8255GT	SCREW,HHC,3/8-16 X .75	
16	6021GT	WASHER, LOCK, .375	

204.21 Axle Wheel and Drive Hub (4WD), S-120HD



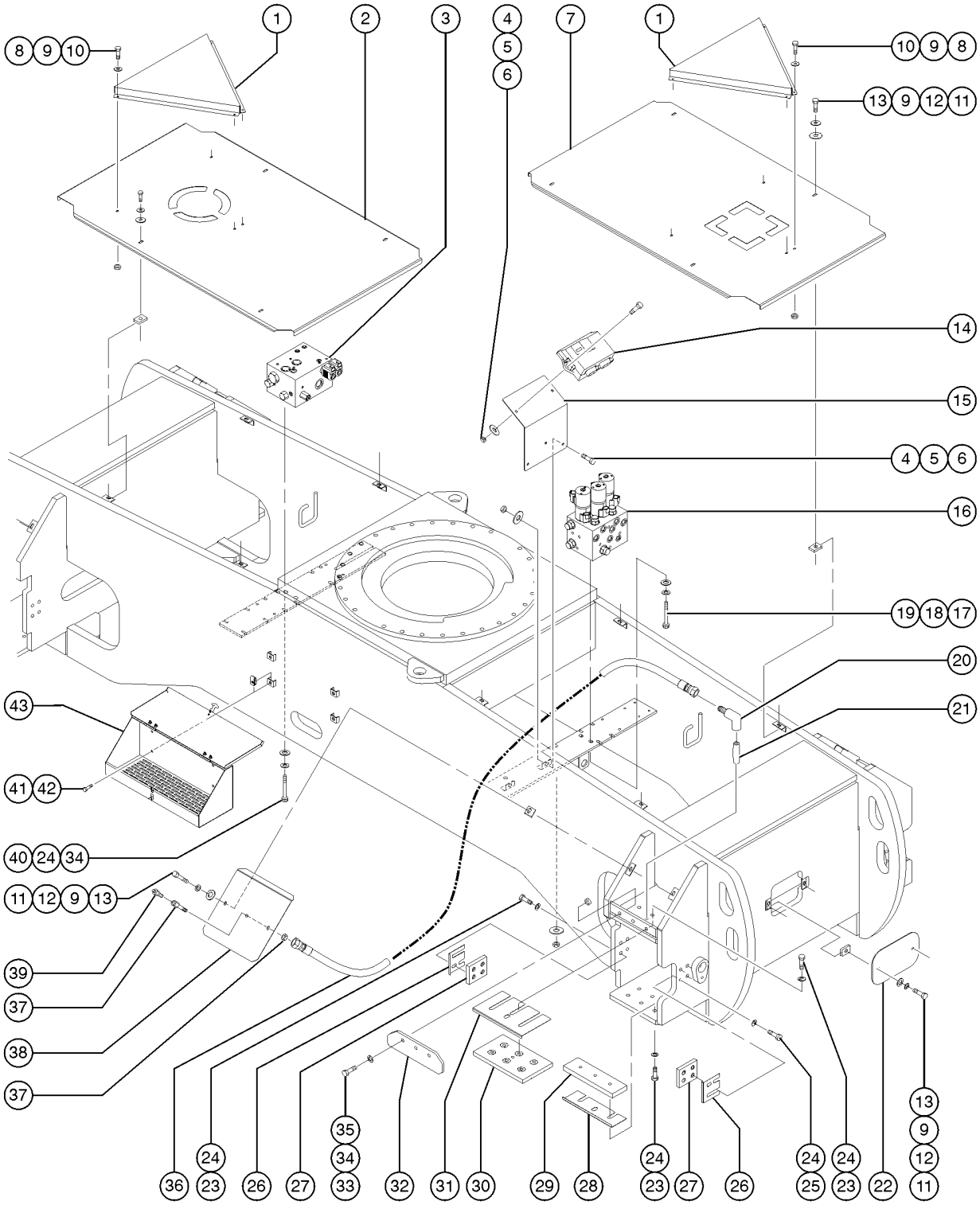
Item	Part No.	Description	Qty.
1	107830GT	SUBASSY,STEER SENSOR*** (calibration required after replacement)	4
1-	49817GT	SCREW PHM 10-32 X 1.25	
2	8914GT	SCREW, HHC, 1/4-20 X .625	
3	6356GT	WASHER, LOCK, .25	
4	6638GT	WASHER,FLAT, USS, 1/4"Y	
5	102064GT	SCREW,SHC,M16 X 50MM,BLACK	72
6	61634GT	MACHINING,INNER AXLE (refer to 202.1), (replaces 61634-SGT)	4
7	106756GT	WHEEL DRIVE W/BRAKE,76:1	4
7A-	106873GT	SEAL KIT,RWD 1700TB***	
7B-	106874GT	BEARING KIT,RWD 1700TB***	
7C-	106875GT	BRAKE KIT,RWD 1700TB***	
7D-	62478GT	LUG BOLT,3/4-16 X 3"***	
7D-	9990080GT	C034060, SCREW FOR 106756 secures gear cover over wheel stud mount	2
7E-	237232GT	HUB, WHEEL COVER, O-RING (FOR 237233GT)	
7F-	237233GT	HUB, WHEEL COVER,Z135 (106756)	
8		Ref. TIRE,SLD RUBBER (Refer to 203.1)	
9	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	40
10	106118GT	O-RING,2-157,VITON***	4
11	101070GT	MOTOR,PISTON,2 SPEED,45CC includes item 9	4
11-	106098GT	SEAL KIT,MOTOR,LC/KC***	
12	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	8
13	13066GT	WASHER,FLAT,.5 HARDENED	8
14	61662-SGT	WELDMENT,GUIDE BRACKET	4
15	8255GT	SCREW,HHC,3/8-16 X .75	
16	6021GT	WASHER, LOCK, .375	

205.1 Chassis Components, S-100HD



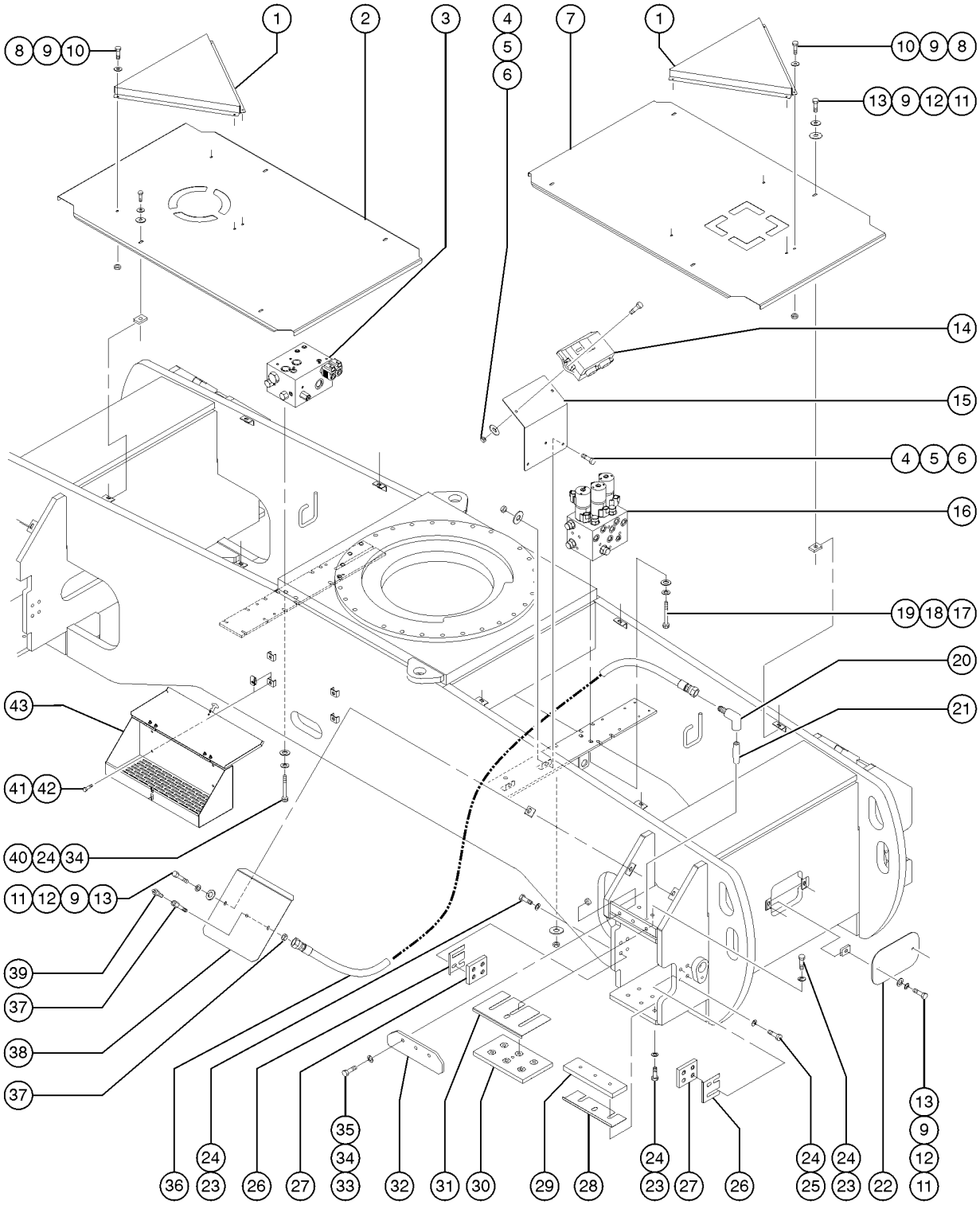
Item	Part No.	Description	Qty.
1	102894GT	FORMING,DIRECTION SYMBOL	2
2	226070GT	COVER, DRIVE CHASSIS REAR, SRV with decals	1
3		Ref. Traction Manifold (refer to 701.1)	
4	6782GT	NUT, NYLOCK, 5/16-18	
5	5397GT	WASHER, FLAT, .313	
6	10107GT	SCREW,HHC,5/16-18 X .75	
7	226071GT	COVER, DRIVE CHASSIS FRONT,SRV with decals	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER,FLAT, USS, 1/4"Y	
10	6091GT	NUT, NYLOCK, 1/4-20	
11	6888GT	SCREW, HHC, 1/4-20 X 1	
12	6356GT	WASHER, LOCK, .25	
13	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
14	50154GT	CONTROL BOX ASSY,DRIVECHASSIS	1
14-	102704GT	HARNESS,DCON,4WS	
14-	73742GT	BOOT,PLUG 3 WAY	
15	149104GT	FORMING, DCON MOUNT	1
16		Ref. Steer and Axle Extend/Retract Manifold (refer to 702.1)	
17	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
18	6021GT	WASHER, LOCK, .375	
19	6097GT	WASHER, FLAT, USS, 3/8", Y	
20	102729GT	ELBOW,90D,1/8 NPT X #4 JIC	4
21	61742GT	NIPPLE,PIPE,LONG 1/8 X 1.5	4
22	61663PGT	COVER,DRIVE CHASSIS END**	2
23	8177GT	SCREW,HHC,1/2-13 X 1.5	
24	6033GT	WASHER,LOCK,0.5"	
25	22788GT	SCREW,HHC,1/2-13 X 1.75	
26	122247GT	SHIM,PAD,4 X 3.60	

205.1 Chassis Components, S-100HD



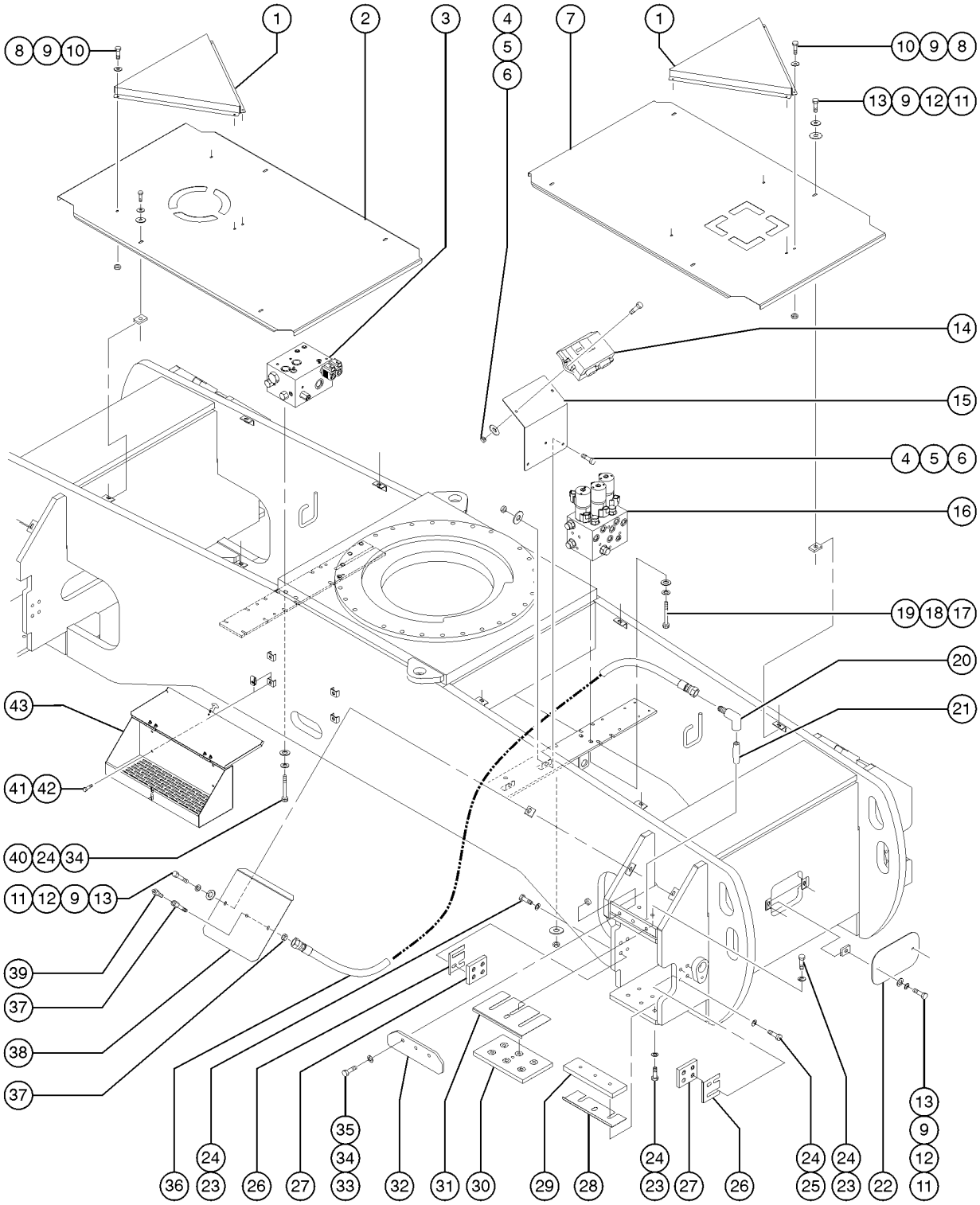
Item	Part No.	Description	Qty.
27	61302GT	WEAR PAD,INNER AXLE SIDE	8
28	61307GT	SHIM,INNER AXLE WEAR PAD	
29	61310-SGT	PLATE,AXLE WEAR STEEL	4
30	61309GT	WEAR PAD,INNER AXLE	4
31	122248GT	SHIM,PAD,10 X 6.10	
32	60418-SGT	PLATE,WEAR PAD RETENTION	4
33	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
34	6095GT	WASHER,FLAT,USS,1/2",Y	
35	6198GT	NUT, NYLOCK, 1/2-13	
36	49189-2338GT	HOSE ASSY,1/4,STR FEM,STR	4
37	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	4
38	61649-SGT	COVER,DRIVE CHASSIS AXLE	4
39	28646GT	ZERK,GREASE,1/8 NPT	4
40	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
41	122200GT	SCREW,FLANGE,HHC,3/8-16X 7/8	
42	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
43	149008GT	ASSEMBLY,CARRIER	2
43-	42077GT	HINGE, 2 X 1.50	
43-	57881GT	LATCH, RUBBER, 3-13/32 X 1-7/8	

205.2 Chassis Components, S-120HD



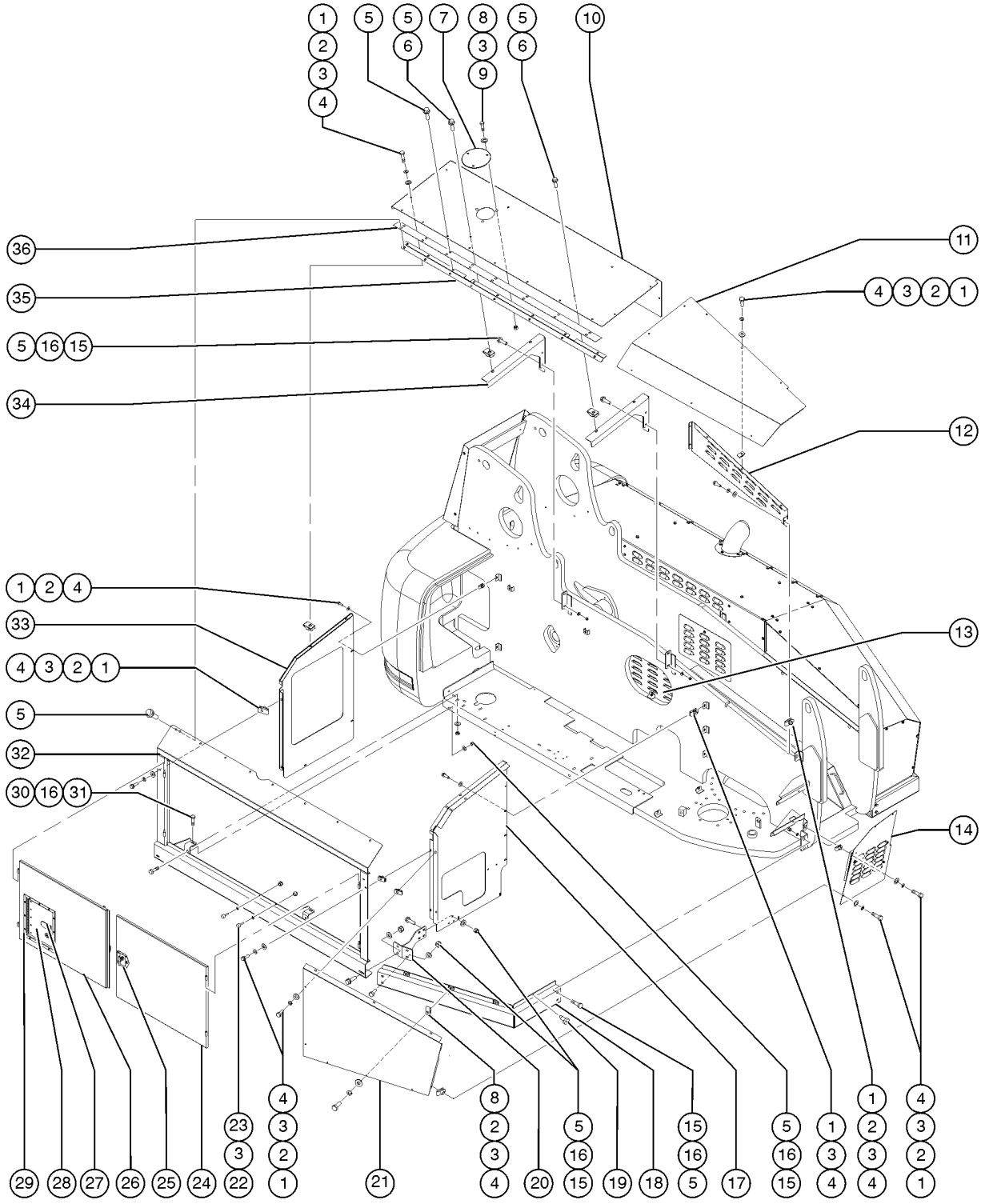
Item	Part No.	Description	Qty.
1	102894GT	FORMING,DIRECTION SYMBOL	2
2	226070GT	COVER, DRIVE CHASSIS REAR, SRV with decals	1
3		Ref. Traction Manifold (refer to 701.1)	
4	6782GT	NUT, NYLOCK, 5/16-18	
5	5397GT	WASHER, FLAT, .313	
6	10107GT	SCREW,HHC,5/16-18 X .75	
7	226071GT	COVER, DRIVE CHASSIS FRONT,SRV with decals	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6638GT	WASHER,FLAT, USS, 1/4"Y	
10	6091GT	NUT, NYLOCK, 1/4-20	
11	6888GT	SCREW, HHC, 1/4-20 X 1	
12	6356GT	WASHER, LOCK, .25	
13	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
14	50154GT	CONTROL BOX ASSY,DRIVECHASSIS	1
14-	102704GT	HARNESS,DCON,4WS	
14-	73742GT	BOOT,PLUG 3 WAY	
15	149104GT	FORMING, DCON MOUNT	1
16		Ref. Steer and Axle Extend/Retract Manifold (refer to 702.1)	
17	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
18	6021GT	WASHER, LOCK, .375	
19	6097GT	WASHER, FLAT, USS, 3/8", Y	
20	102729GT	ELBOW,90D,1/8 NPT X #4 JIC	4
21	61742GT	NIPPLE,PIPE,LONG 1/8 X 1.5	4
22	61663PGT	COVER,DRIVE CHASSIS END**	2
23	8177GT	SCREW,HHC,1/2-13 X 1.5	
24	6033GT	WASHER,LOCK,0.5"	
25	22788GT	SCREW,HHC,1/2-13 X 1.75	
26	122247GT	SHIM,PAD,4 X 3.60	

205.2 Chassis Components, S-120HD



Item	Part No.	Description	Qty.
27	61302GT	WEAR PAD,INNER AXLE SIDE	8
28	61307GT	SHIM,INNER AXLE WEAR PAD	
29	61310-SGT	PLATE,AXLE WEAR STEEL	4
30	61309GT	WEAR PAD,INNER AXLE	4
31	122248GT	SHIM,PAD,10 X 6.10	
32	60418-SGT	PLATE,WEAR PAD RETENTION	4
33	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
34	6095GT	WASHER,FLAT,USS,1/2",Y	
35	6198GT	NUT, NYLOCK, 1/2-13	
36	49189-2338GT	HOSE ASSY,1/4,STR FEM,STR	4
37	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	4
38	61649-SGT	COVER,DRIVE CHASSIS AXLE	4
39	28646GT	ZERK,GREASE,1/8 NPT	4
40	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
41	122200GT	SCREW,FLANGE,HHC,3/8-16X 7/8	
42	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
43	149008GT	ASSEMBLY,CARRIER	2
43-	42077GT	HINGE, 2 X 1.50	
43-	57881GT	LATCH, RUBBER, 3-13/32 X 1-7/8	

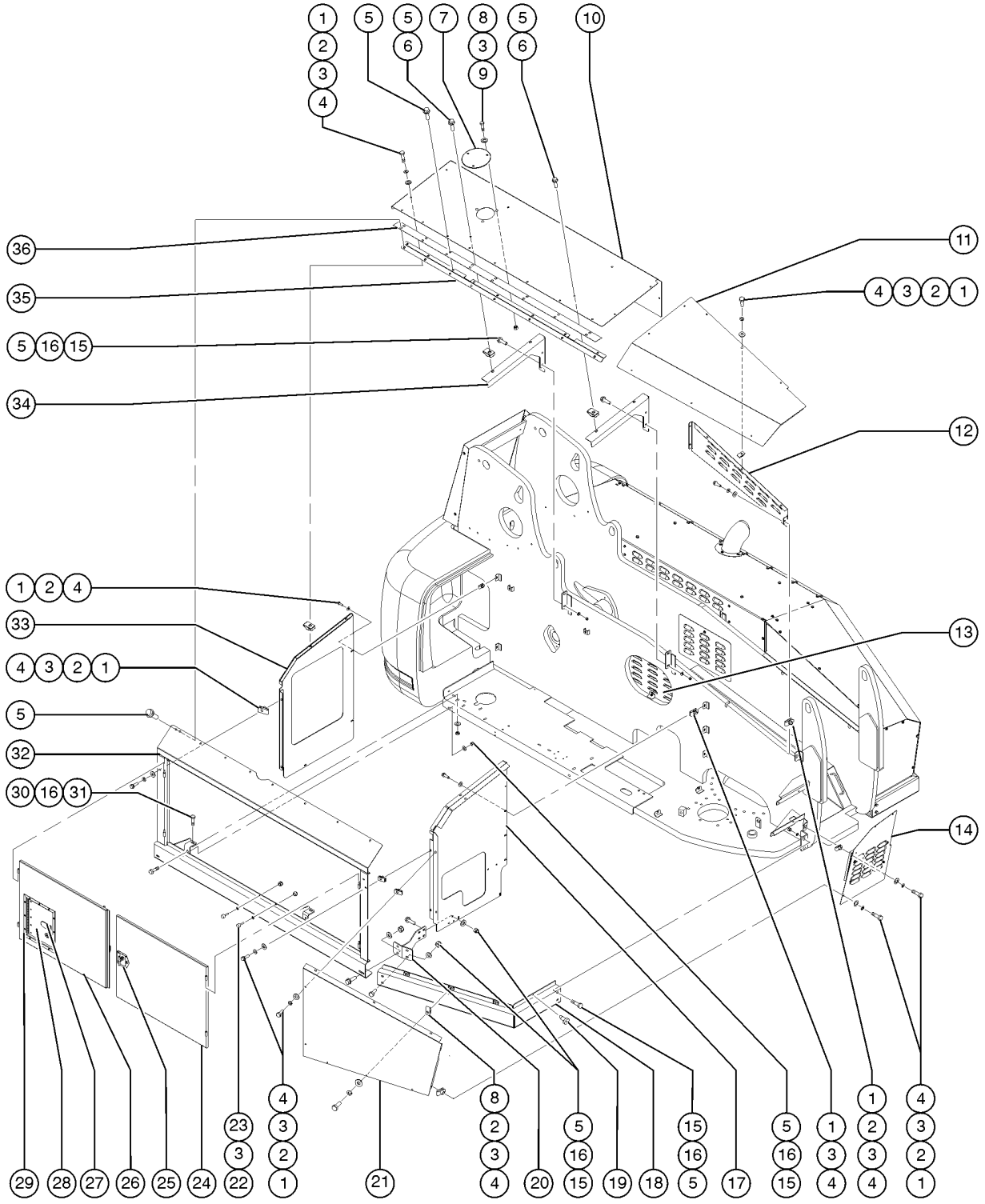
301.1 Turntable Covers - Tank Side, S-100HD



301.1 Turntable Covers - Tank Side, S-100HD

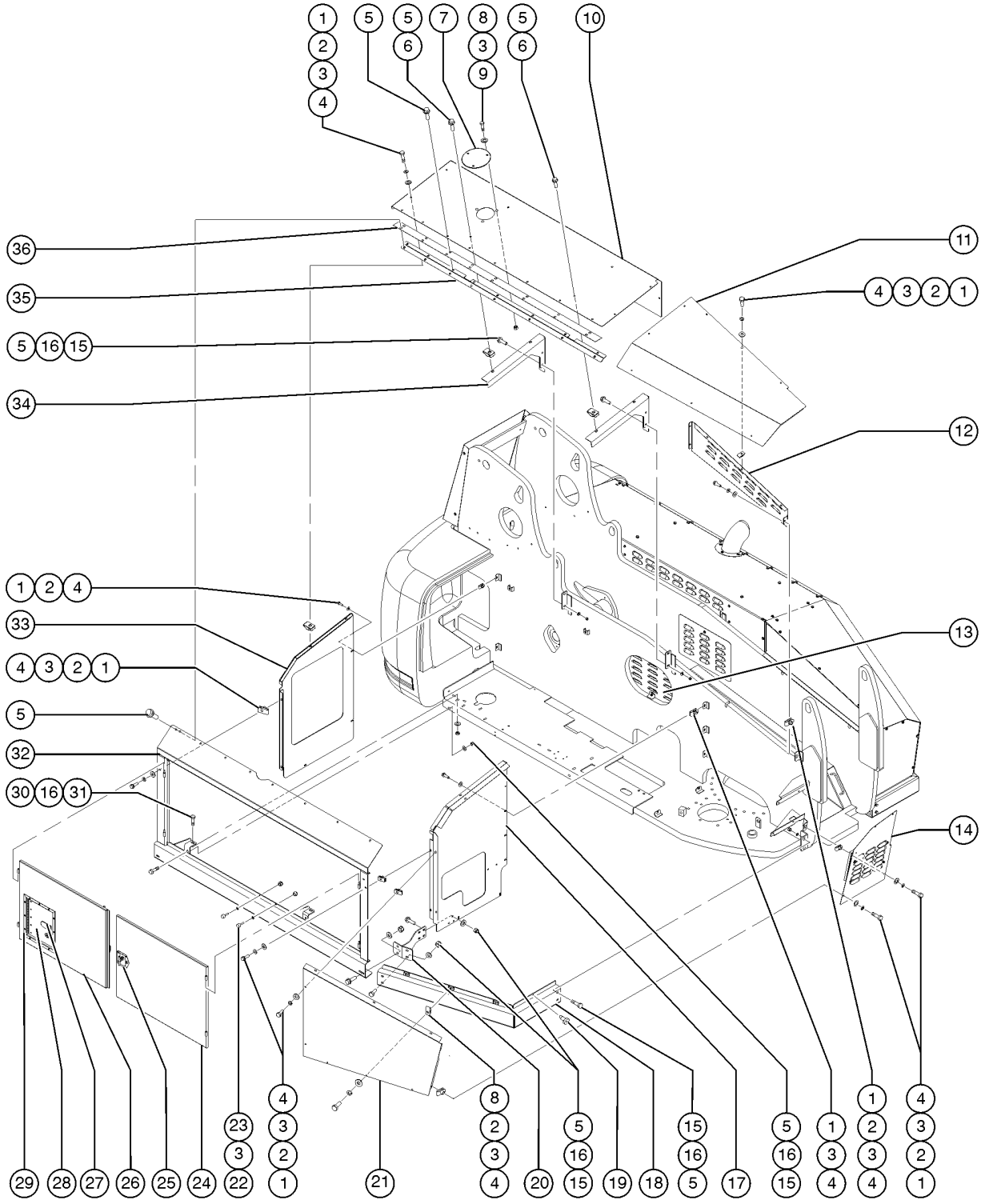
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER,FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	122202GT	SCREW,FLANGE,HHC,3/8-16X1.25	
6	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
7	T112572GT	LID,COVER,TANK SIDE	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6091GT	NUT, NYLOCK, 1/4-20	
10	T112565GT	FORMING,LOUVER,TANK SIDE	1
11	19390GT	COVER,HALF,BEACON	1
12	149187GT	FORMING, LOUVER, LEFT REAR	1
13	149290GT	FORMING,LOUVER PANEL,CTR SWING	1
14	149197GT	PLATE,LOUVER ,OIL COOLER	1
15	4828GT	NUT, NYLOCK, 3/8-16	
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	149147GT	WELDMENT,BULKHEAD,LEFT REAR	1
18	149188GT	WELDMENT,BUMPER,LEFT REAR	
19	34619GT	BUMPER,RUBBER***	1
20	149191GT	WELDMENT,BUMPER MT, LEFT	1
21	226066GT	COVER, LWR LEFT REAR, SRV with decal	1
22	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
23	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
24	226067GT	ASSY,DOOR,LEFT REAR, SRV (complete) with decal	1
25	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* part of door assembly 226067	1
26	226068GT	ASSY,DOOR,LEFT FRONT, SRV (complete) includes item 28, with decals	1
26-	149181GT	LATCH,DOOR	2
26-	149242GT	SPACER,DOOR LOCK	

301.1 Turntable Covers - Tank Side, S-100HD



Item	*Part No.*	*Description*	*Qty.*
27	60964GT	LATCH,PANEL	1
28	226069GT	CONTROL BOX DOOR, LF, SRV (complete) includes items 27 and 29, with decal	1
29	60893GT	HINGE,SWING CONTROL BOX	1
30	141579GT	BOLT,FLANGE,1/2-13 X 1.75	
31	6198GT	NUT, NYLOCK, 1/2-13	
32	T112570GT	WLDT,DOOR FRAME,TANK SIDE	1
33	149148GT	WELDMENT,BULKHEAD,LEFT FRONT	1
34	149157GT	FORMING,COVER SUPPORT	1
35	T112568GT	WLDT,DOOR BRACE,TANK SIDE	1
36	T114688GT	GASKET, RUBBER, TANK SIDE	1

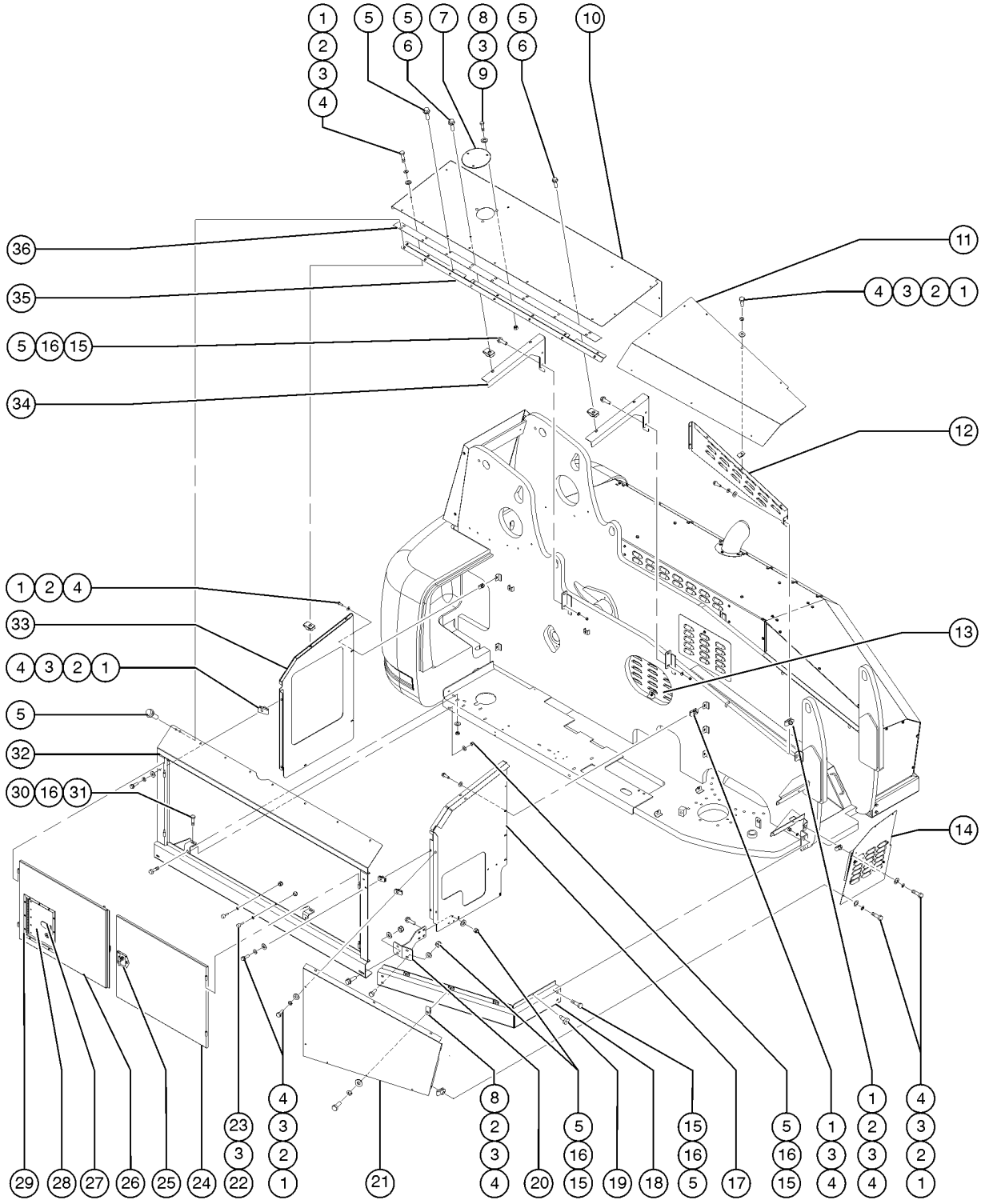
301.2 Turntable Covers - Tank Side, S-120HD



301.2 Turntable Covers - Tank Side, S-120HD

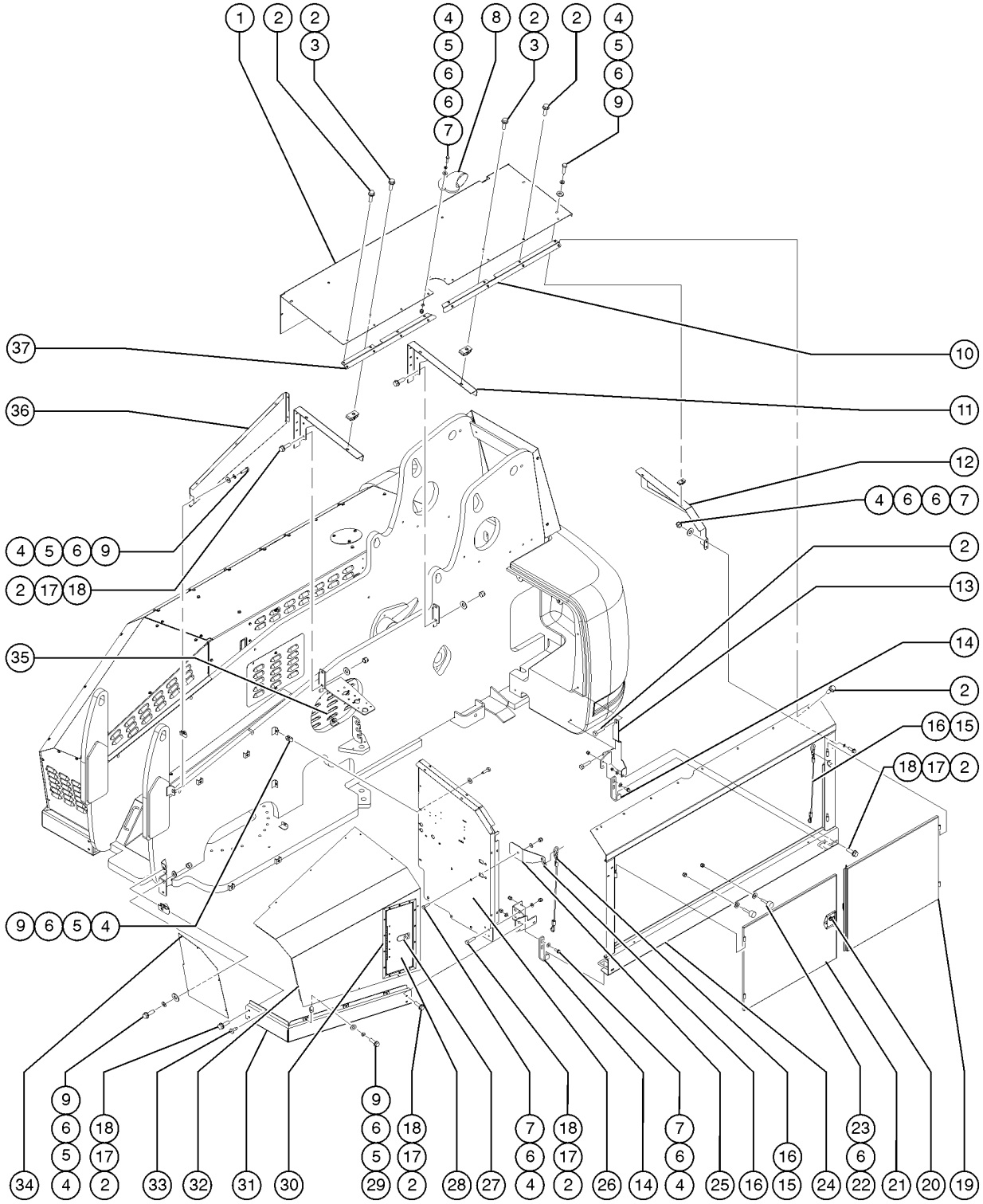
Item	Part No.	Description	Qty.
1	6888GT	SCREW, HHC, 1/4-20 X 1	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER,FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	122202GT	SCREW,FLANGE,HHC,3/8-16X1.25	
6	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
7	T112572GT	LID,COVER,TANK SIDE	1
8	6090GT	SCREW, HHC, 1/4-20 X .75	
9	6091GT	NUT, NYLOCK, 1/4-20	
10	T112565GT	FORMING,LOUVER,TANK SIDE	1
11	19390GT	COVER,HALF,BEACON	1
12	149187GT	FORMING, LOUVER, LEFT REAR	1
13	149290GT	FORMING,LOUVER PANEL,CTR SWING	1
14	149197GT	PLATE,LOUVER ,OIL COOLER	1
15	4828GT	NUT, NYLOCK, 3/8-16	
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	149147GT	WELDMENT,BULKHEAD,LEFT REAR	1
18	149188GT	WELDMENT,BUMPER,LEFT REAR	
19	34619GT	BUMPER,RUBBER***	1
20	149191GT	WELDMENT,BUMPER MT, LEFT	1
21	226066GT	COVER, LWR LEFT REAR, SRV with decal	1
22	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
23	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
24	226067GT	ASSY,DOOR,LEFT REAR, SRV (complete) with decal	1
25	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* part of door assembly 226067	1
26	226068GT	ASSY,DOOR,LEFT FRONT, SRV (complete) includes item 28, with decals	1
26-	149181GT	LATCH,DOOR	2
26-	149242GT	SPACER,DOOR LOCK	

301.2 Turntable Covers - Tank Side, S-120HD



Item	*Part No.*	*Description*	*Qty.*
27	60964GT	LATCH,PANEL	1
28	226069GT	CONTROL BOX DOOR, LF, SRV (complete) includes items 27 and 29, with decal	1
29	60893GT	HINGE,SWING CONTROL BOX	1
30	141579GT	BOLT,FLANGE,1/2-13 X 1.75	
31	6198GT	NUT, NYLOCK, 1/2-13	
32	T112570GT	WLDT,DOOR FRAME,TANK SIDE	1
33	149148GT	WELDMENT,BULKHEAD,LEFT FRONT	1
34	149157GT	FORMING,COVER SUPPORT	1
35	T112568GT	WLDT,DOOR BRACE,TANK SIDE	1
36	T114688GT	GASKET, RUBBER, TANK SIDE	1

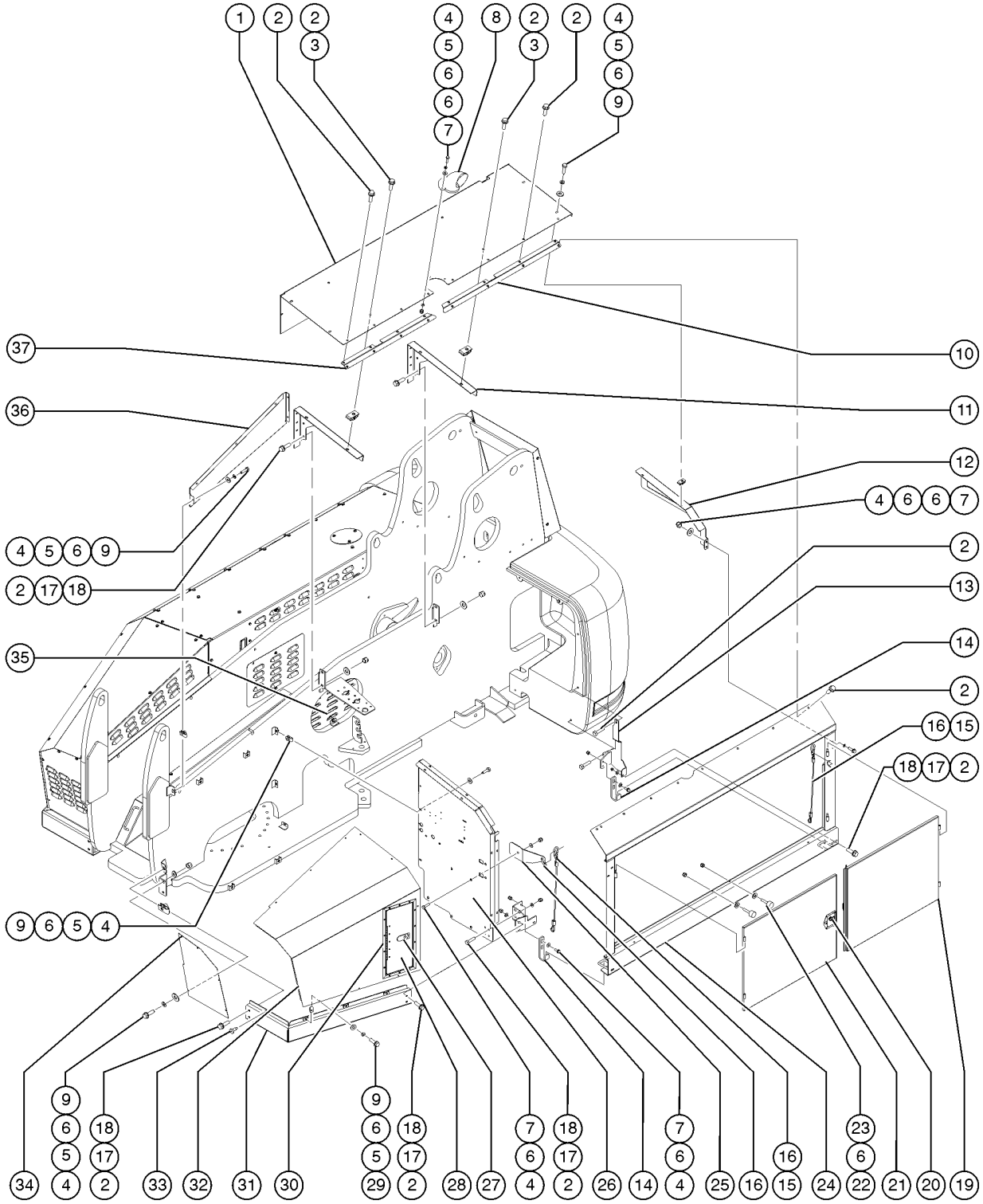
302.1 Turntable Covers - Engine Side, S-100HD



302.1 Turntable Covers - Engine Side, S-100HD

Item	Part No.	Description	Qty.
1	T112445GT	FORMING,LOUVER,RT FRT	1
2	122202GT	SCREW,FLANGE,HHC,3/8-16X1.25	
3	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	6356GT	WASHER, LOCK, .25	
6	6638GT	WASHER,FLAT, USS, 1/4"Y	
7	6091GT	NUT, NYLOCK, 1/4-20	
8	101964GT	WELDMENT,EXHAUST TUBE	1
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
10	T112451GT	WELDMENT,COVER,LONG	1
11	149157GT	FORMING,COVER SUPPORT	2
12	149200GT	FORMING,TOP COVER MT,RT FRT	1
13	T112454GT	WELDMENT,DOOR SUPPORT	1
14	T112453GT	FORMING,HINGE HOOK	2
15	T112573GT	CABLE,DOOR FRAME,ENGINE SID	2
16	T112787GT	SPRING HOOK,1/4"ODX2.38"LONG	2
17	6097GT	WASHER, FLAT, USS, 3/8", Y	
18	4828GT	NUT, NYLOCK, 3/8-16	
19	226072GT	ASSY,DOOR,RIGHT FRONT, SRV (complete) with decal	1
19-	149181GT	LATCH,DOOR part of door assembly 226072	2
20	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* part of door assembly 226073	1
21	226073GT	ASSY,DOOR,RIGHT REAR, SRV (complete) with decals	1
22	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
23	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
24	T112450GT	WLDT,DOOR FRAME,ENGINE SIDE	1
25	T112809GT	FORMING,LANYARD ANCHOR	1
26	149169GT	WELDMENT,BULKHEAD,RIGHT REAR	1
27	60964GT	LATCH,PANEL	1

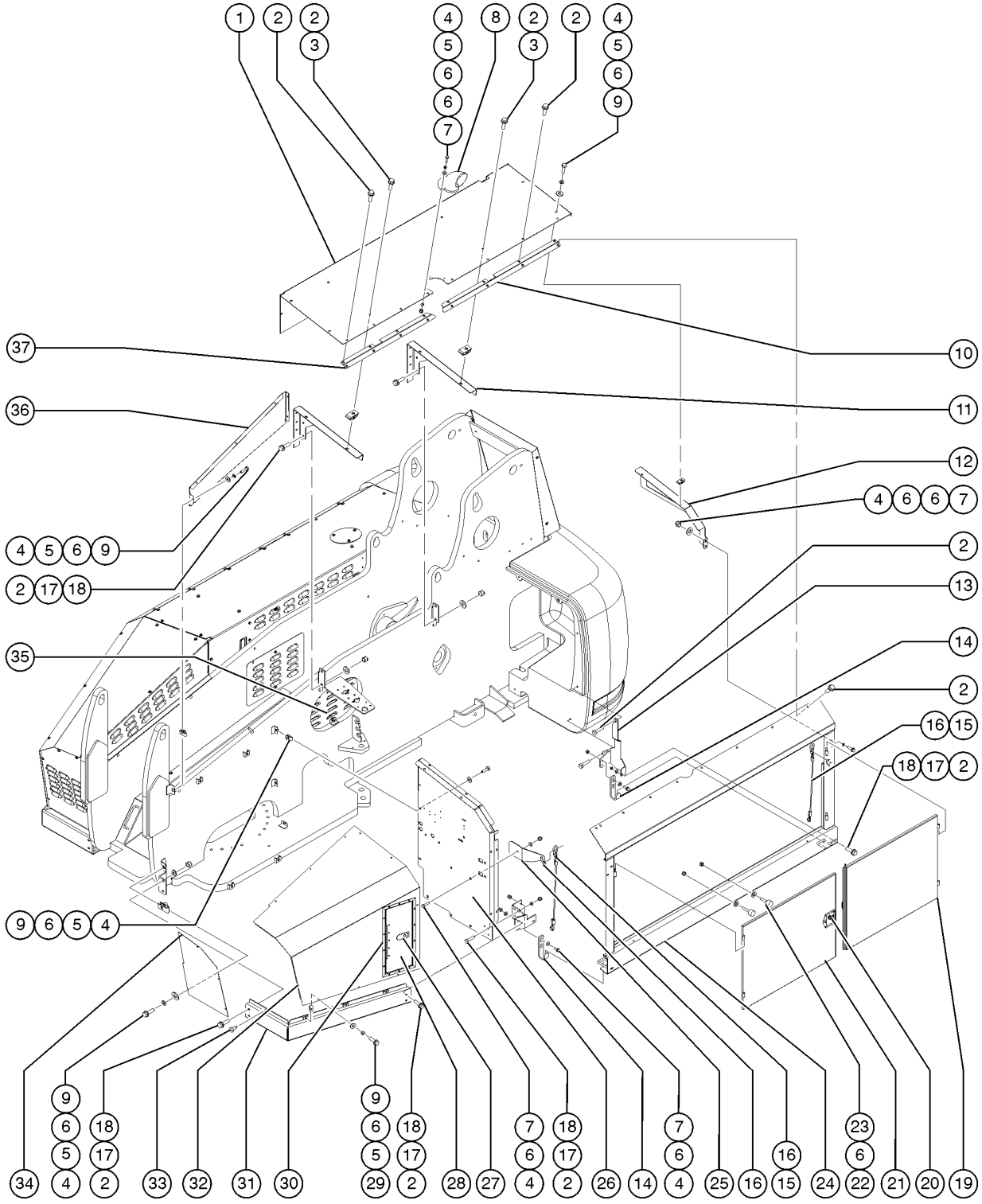
302.1 Turntable Covers - Engine Side, S-100HD



302.1 Turntable Covers - Engine Side, S-100HD

Item	Part No.	Description	Qty.
28	226075GT	ASSY, DOOR, FUEL TANK, SRV (complete) with decals, includes items 27 and 30	1
29	6090GT	SCREW, HHC, 1/4-20 X .75	
30	60893GT	HINGE,SWING CONTROL BOX	1
31	149209GT	FORMING, BUMPER, RT MID	1
32	226074GT	ASSY,TOP COVER,RT REAR, SRV (complete) with decals, includes item 28	1
33	34619GT	BUMPER,RUBBER***	1
34	149226GT	COVER,FUEL TANK REAR	1
35	149290GT	FORMING,LOUVER PANEL,CTR SWING	1
36	149217GT	FORMING,SIDE COVER,RT REAR	1
37	T112448GT	WELDMENT,COVER,ENGINE SIDE	1

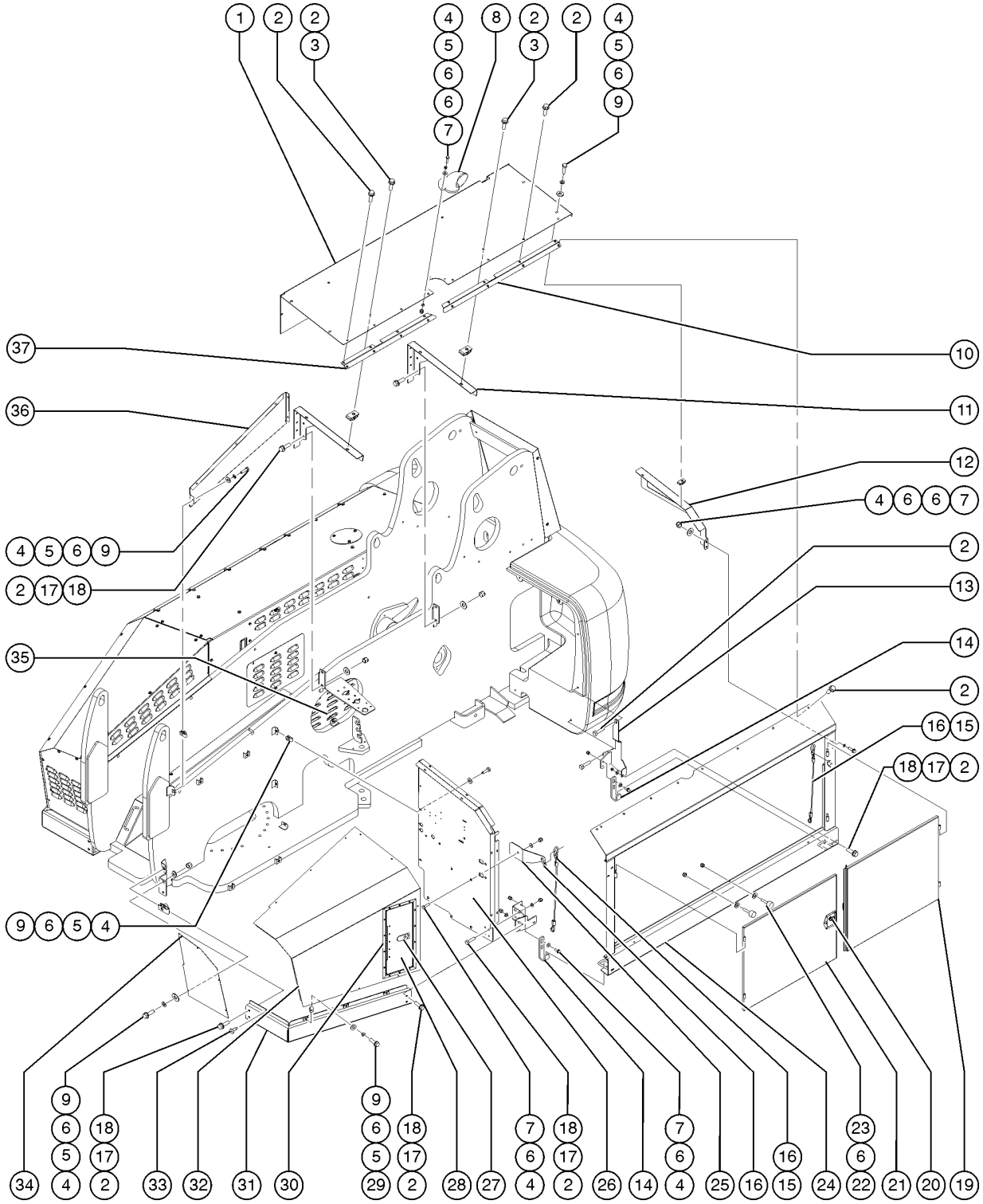
302.2Turntable Covers - Engine Side, S-120HD



302.2Turntable Covers - Engine Side, S-120HD

Item	Part No.	Description	Qty.
1	T112445GT	FORMING,LOUVER,RT FRT	1
2	122202GT	SCREW,FLANGE,HHC,3/8-16X1.25	
3	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
4	6888GT	SCREW, HHC, 1/4-20 X 1	
5	6356GT	WASHER, LOCK, .25	
6	6638GT	WASHER,FLAT, USS, 1/4"Y	
7	6091GT	NUT, NYLOCK, 1/4-20	
8	101964GT	WELDMENT,EXHAUST TUBE	1
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
10	T112451GT	WELDMENT,COVER,LONG	1
11	149157GT	FORMING,COVER SUPPORT	2
12	149200GT	FORMING,TOP COVER MT,RT FRT	1
13	T112454GT	WELDMENT,DOOR SUPPORT	1
14	T112453GT	FORMING,HINGE HOOK	2
15	T112573GT	CABLE,DOOR FRAME,ENGINE SID	2
16	T112787GT	SPRING HOOK,1/4"ODX2.38"LONG	2
17	6097GT	WASHER, FLAT, USS, 3/8", Y	
18	4828GT	NUT, NYLOCK, 3/8-16	
19	226072GT	ASSY,DOOR,RIGHT FRONT, SRV (complete) with decal	1
19-	149181GT	LATCH,DOOR part of door assembly 226072	2
20	53903GT	LATCH,T-HANDLE,5 SIDED W/KEYS* part of door assembly 226073	1
21	226073GT	ASSY,DOOR,RIGHT REAR, SRV (complete) with decals	1
22	36388GT	BUMPER,RUBBER,.75 X .50H,STUD	2
23	18504GT	NUT,LOCKING-LG.FLANGE,1/4-20	
24	T112450GT	WLDT,DOOR FRAME,ENGINE SIDE	1
25	T112809GT	FORMING,LANYARD ANCHOR	1
26	149169GT	WELDMENT,BULKHEAD,RIGHT REAR	1
27	60964GT	LATCH,PANEL	1

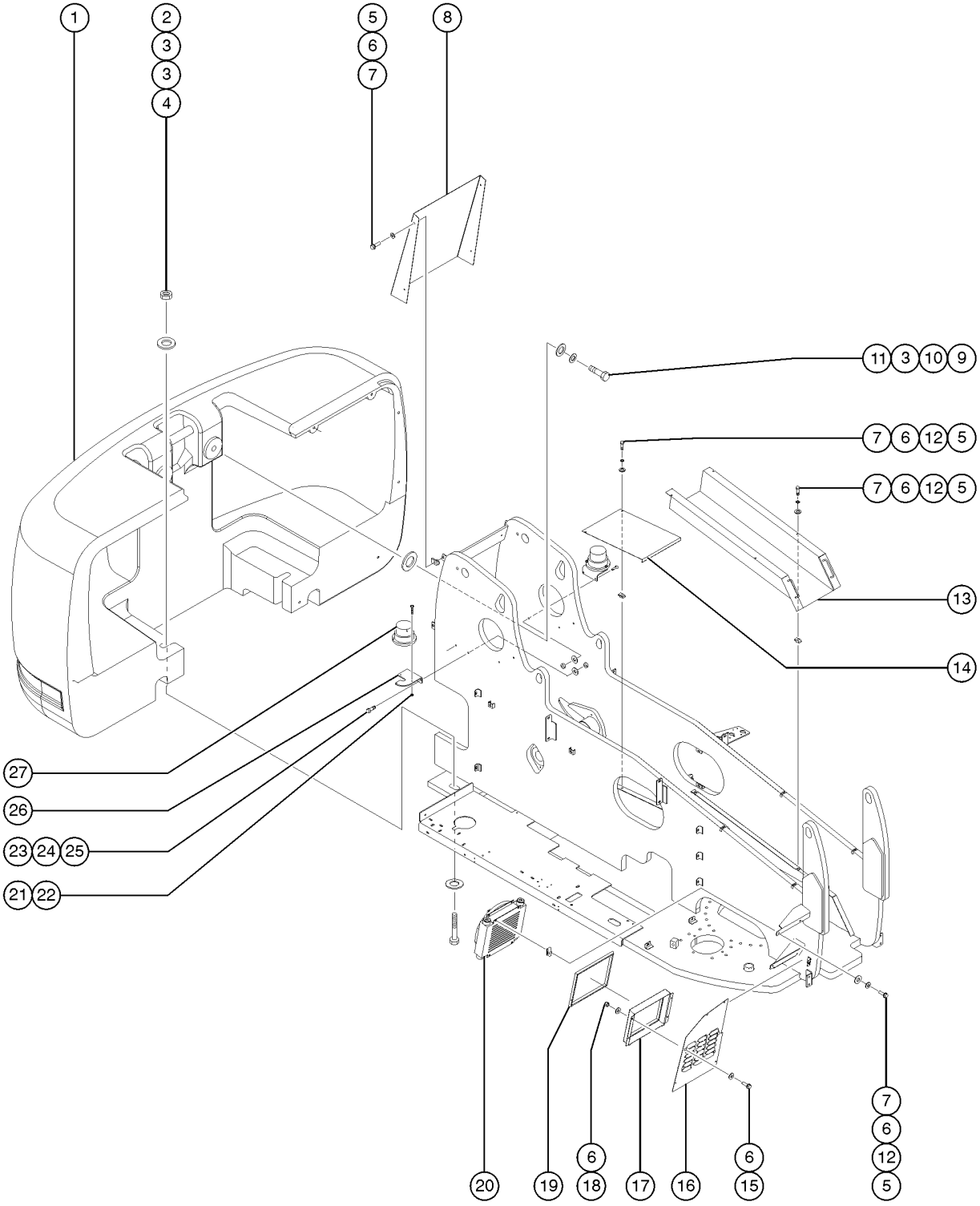
302.2Turntable Covers - Engine Side, S-120HD



302.2Turntable Covers - Engine Side, S-120HD

Item	Part No.	Description	Qty.
28	226075GT	ASSY, DOOR, FUEL TANK, SRV (complete) with decals, includes items 27 and 30	1
29	6090GT	SCREW, HHC, 1/4-20 X .75	
30	60893GT	HINGE,SWING CONTROL BOX	1
31	149209GT	FORMING, BUMPER, RT MID	1
32	226074GT	ASSY,TOP COVER,RT REAR, SRV (complete) with decals, includes item 28	1
33	34619GT	BUMPER,RUBBER***	1
34	149226GT	COVER,FUEL TANK REAR	1
35	149290GT	FORMING,LOUVER PANEL,CTR SWING	1
36	149217GT	FORMING,SIDE COVER,RT REAR	1
37	T112448GT	WELDMENT,COVER,ENGINE SIDE	1

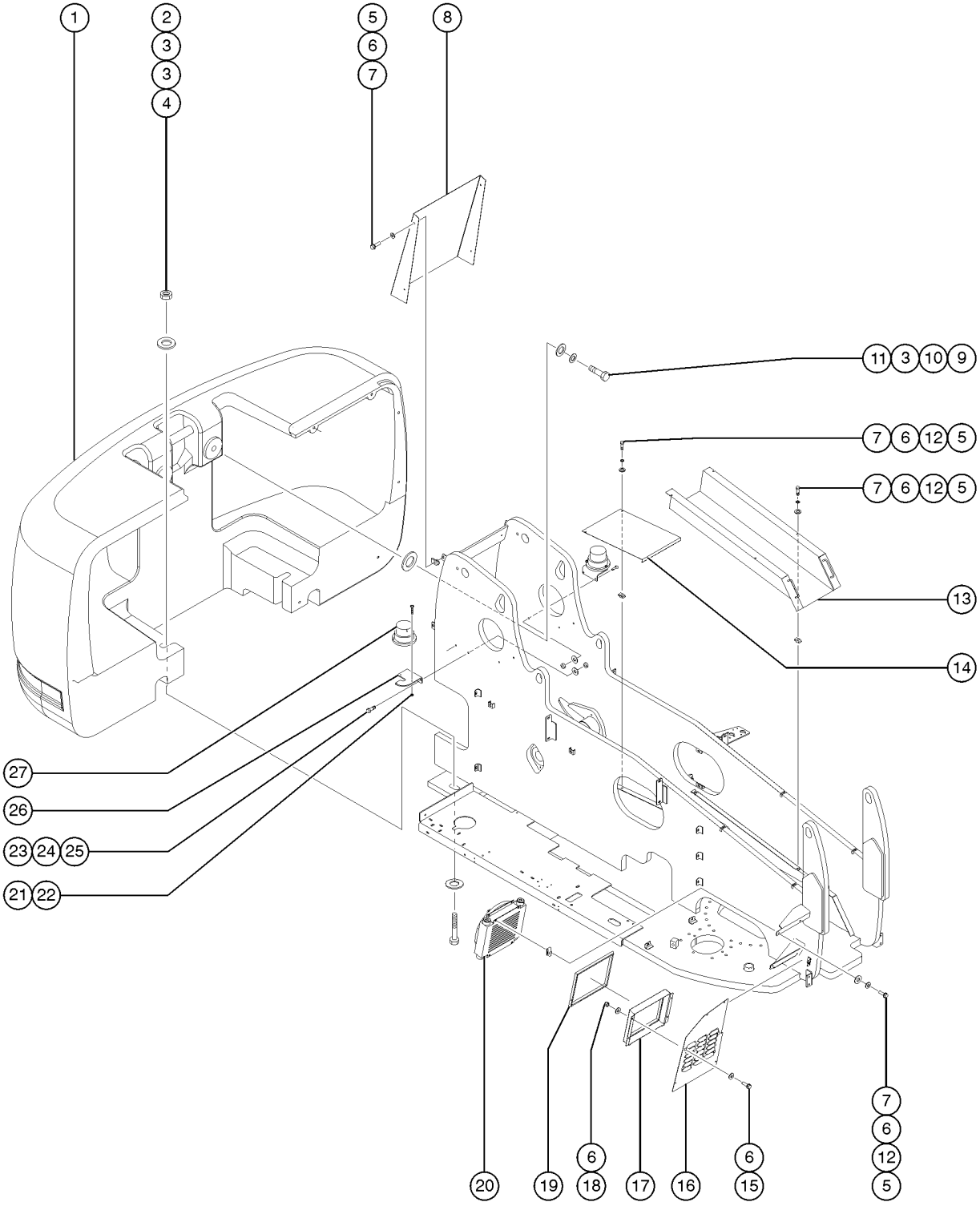
303.1 Turntable Components - View 1, S-100HD



303.1 Turntable Components - View 1, S-100HD

Item	Part No.	Description	Qty.
1	111185GT	COUNTERWEIGHT,S120/125, 8300LB used with S-120HD	1
1-	61587GT	COUNTERWEIGHT,S100/105 used with S-100HD	
2	29764GT	NUT,NYLOCK,1-8	2
3	61203GT	PLATE,URETHANE SPRING(WASHER)	6
4	61282GT	SCREW,HHC,1-8 X 9.5,GD2,YEL	2
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	6638GT	WASHER,FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
8	149237GT	COVER, REAR MAST	1
9	42078GT	SCREW,HHC,1-8 X 3 GRD.5	2
10	29605GT	WASHER,LOCK,1"	2
11	38859GT	WASHER,FLAT,USS,1",Y	2
12	6356GT	WASHER, LOCK, .25	
13	149031GT	WELDMENT,SWING CENTER COVER	1
14	149113GT	FORMING,FRONT CENTER COVER	1
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	149197GT	PLATE,LOUVER ,OIL COOLER	1
17	149100GT	FORMING,COOLER SHROUD	1
18	6091GT	NUT, NYLOCK, 1/4-20	
19	121856GT	TRIM MOLDING	1
20	71259GT	OIL COOLER W/FAN, 12VDC	1
20-	75854GT	FAN - VENTED	
20-	75855GT	THERMOSTAT -OIL COOLER (71259)	
21	6178GT	NUT, NYLOCK, 10-32	
22	49824GT	SCREW,PHILLIPS,FHM,10-32X1.00	
23	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
24	5397GT	WASHER, FLAT, .313	
25	4828GT	NUT, NYLOCK, 3/8-16	

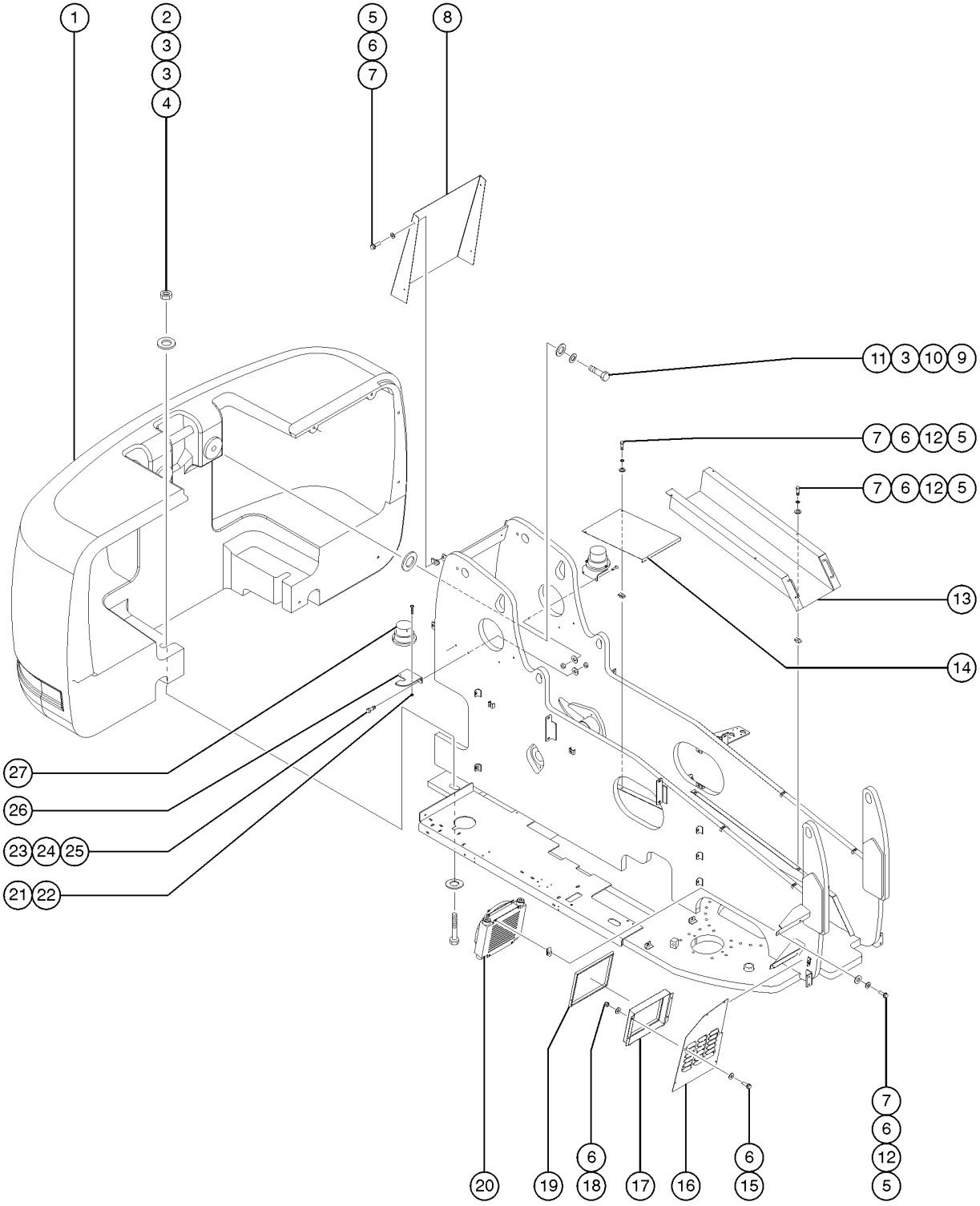
303.1 Turntable Components - View 1, S-100HD



303.1 Turntable Components - View 1, S-100HD

Item	*Part No.*	*Description*	*Qty.*
26	60819PGT	BRACKET,STROBE	2
27	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	2
27-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB no longer available	
27-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
27-	72282GT	LENS,AMBER,STROBE,FIREBOLT	

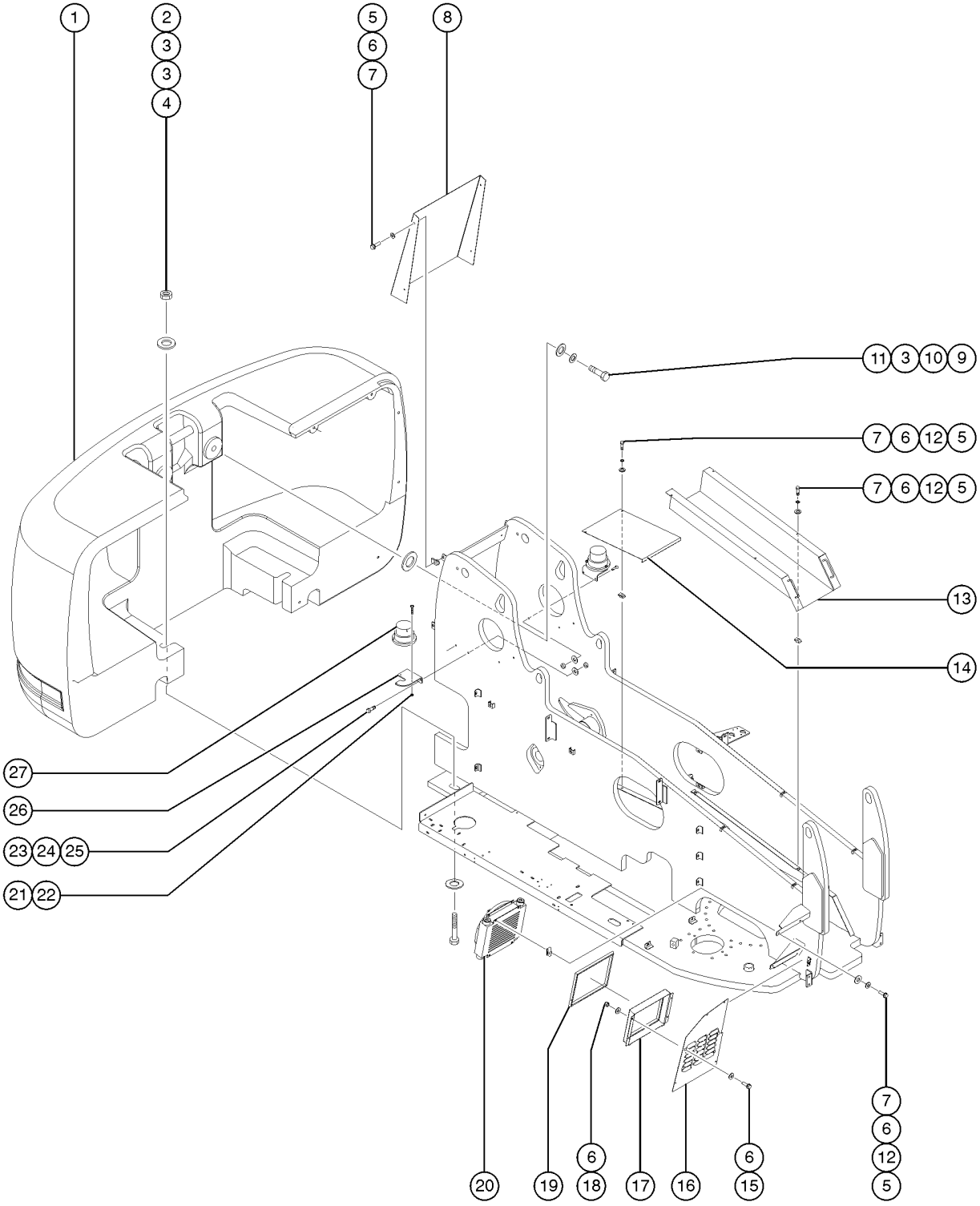
303.2 Turntable Components - View 1, S-120HD



303.2 Turntable Components - View 1, S-120HD

Item	Part No.	Description	Qty.
1	111185GT	COUNTERWEIGHT,S120/125, 8300LB used with S-120HD	1
1-	61587GT	COUNTERWEIGHT,S100/105 used with S-100HD	
2	29764GT	NUT,NYLOCK,1-8	2
3	61203GT	PLATE,URETHANE SPRING(WASHER)	6
4	61282GT	SCREW,HHC,1-8 X 9.5,GD2,YEL	2
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	6638GT	WASHER,FLAT, USS, 1/4"Y	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
8	149237GT	COVER, REAR MAST	1
9	42078GT	SCREW,HHC,1-8 X 3 GRD.5	2
10	29605GT	WASHER,LOCK,1"	2
11	38859GT	WASHER,FLAT,USS,1",Y	2
12	6356GT	WASHER, LOCK, .25	
13	149031GT	WELDMENT,SWING CENTER COVER	1
14	149113GT	FORMING,FRONT CENTER COVER	1
15	6090GT	SCREW, HHC, 1/4-20 X .75	
16	149197GT	PLATE,LOUVER ,OIL COOLER	1
17	149100GT	FORMING,COOLER SHROUD	1
18	6091GT	NUT, NYLOCK, 1/4-20	
19	121856GT	TRIM MOLDING	1
20	71259GT	OIL COOLER W/FAN, 12VDC	1
20-	75854GT	FAN - VENTED	
20-	75855GT	THERMOSTAT -OIL COOLER (71259)	
21	6178GT	NUT, NYLOCK, 10-32	
22	49824GT	SCREW,PHILLIPS,FHM,10-32X1.00	
23	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
24	5397GT	WASHER, FLAT, .313	
25	4828GT	NUT, NYLOCK, 3/8-16	

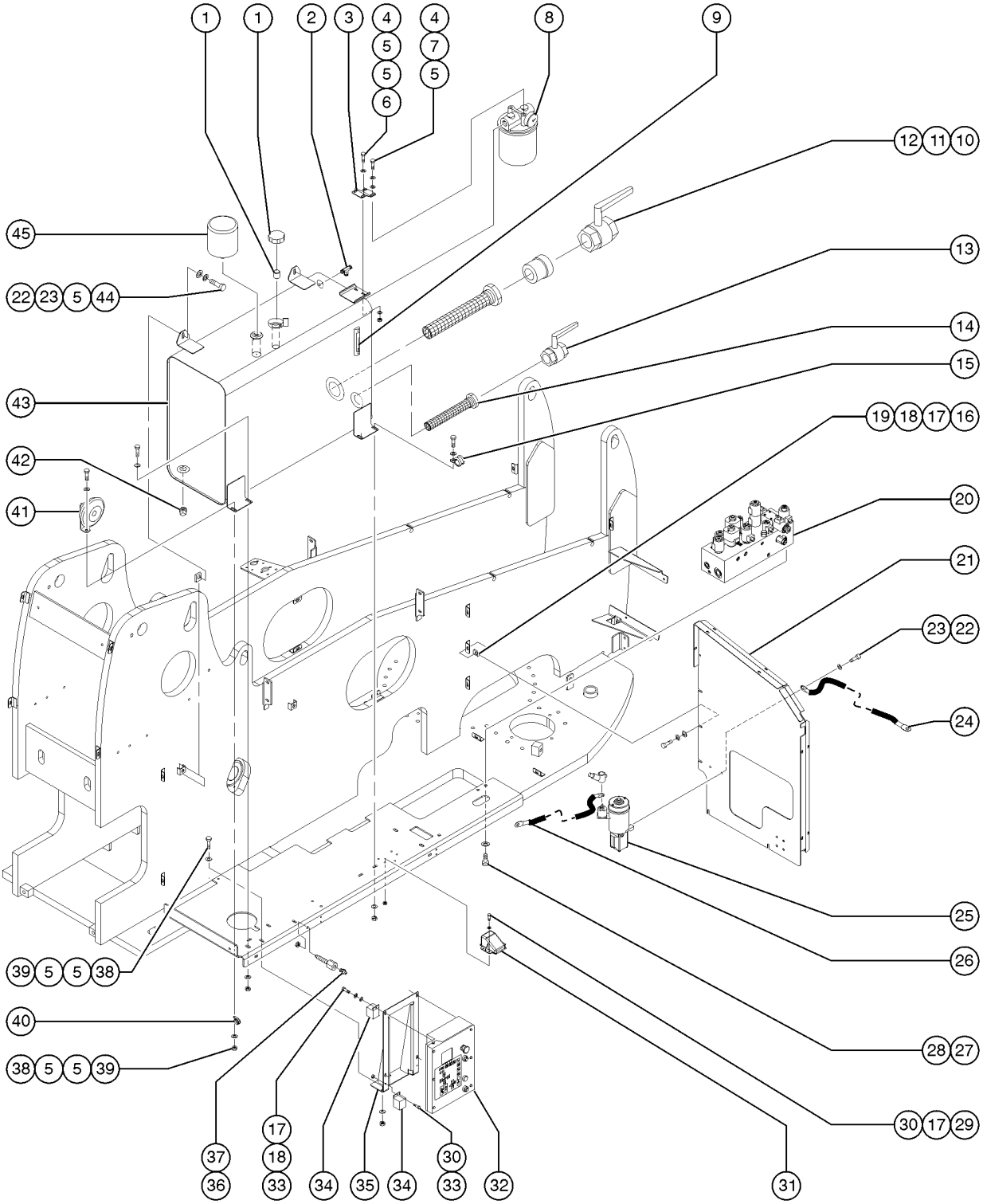
303.2 Turntable Components - View 1, S-120HD



303.2 Turntable Components - View 1, S-120HD

Item	*Part No.*	*Description*	*Qty.*
26	60819PGT	BRACKET,STROBE	2
27	56704GT	STROBE,FIREBOLT,12-80VDC,AMB** (replaced 20189)	2
27-	122019GT	FLASHTUBE,U SHAPED,360DEG,BULB no longer available	
27-	226393GT	FLASHTUBE,STRAIGHT,360DEG,BULB	
27-	72282GT	LENS,AMBER,STROBE,FIREBOLT	

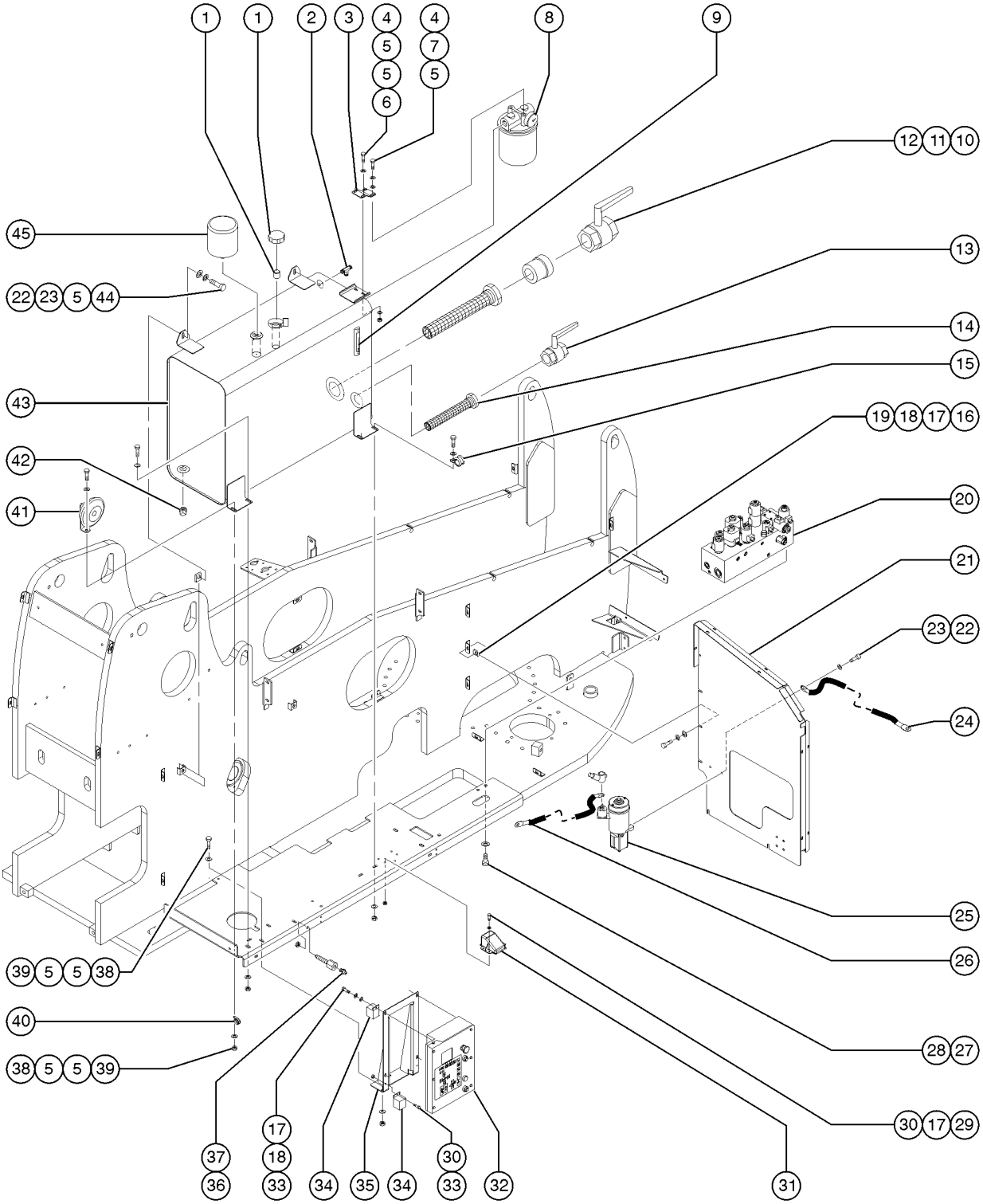
304.1 Turntable Components - View 2, S-100HD



304.1 Turntable Components - View 2, S-100HD

Item	Part No.	Description	Qty.
1	75113GT	FILLER NECK/CAP ASSY.HYD TANK*	1
2	48918GT	TEE,RUN,520428-6	1
3	60936-SGT	BRACKET,RETURN FILTER	1
4	10107GT	SCREW,HHC,5/16-18 X .75	
5	5397GT	WASHER, FLAT, .313	
6	6782GT	NUT, NYLOCK, 5/16-18	
7	6886GT	WASHER,LOCK,.313	
8	60508GT	FILTER,RETURN,ASSY 10 MICRON	1
8-	61326GT	FILTER ELEMENT,10 MICRON,60508	
8-	52768GT	GAUGE,MED.PRESSUR FILTER,50530	
9	215229GT	GAUGE,HYDRAULIC TANK T/L VL	1
10	75256GT	VALVE BALL,24 FSAE-24 FSAE***	
11	75254GT	UNION,STR.THREAD 24***	
12	75257GT	STRAINER ASSY,#24 O-RING	1
13	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	
14	75253GT	STRAINER ASSY,#16 O-RING	1
15	60838GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
17	6638GT	WASHER,FLAT, USS, 1/4"Y	
18	6356GT	WASHER, LOCK, .25	
19	6888GT	SCREW, HHC, 1/4-20 X 1	
20		Ref. Function Manifold (refer to 703.1 or 704.1)	
21	75591GT	PLATE,SWING CHASSIS BULKHEAD	1
22	6175GT	SCREW,HHC,3/8-16 X 1	
23	6021GT	WASHER, LOCK, .375	
24	75719GT	CABLE,GROUND,79" W/PIGTAIL	1
25	102710GT	PUMP,AUXILIARY,DUAL,12V (to SN S100HDD-314)	1
25-	102659GT	PUMP,(102710 APU) (to SN S100HDD-314)	

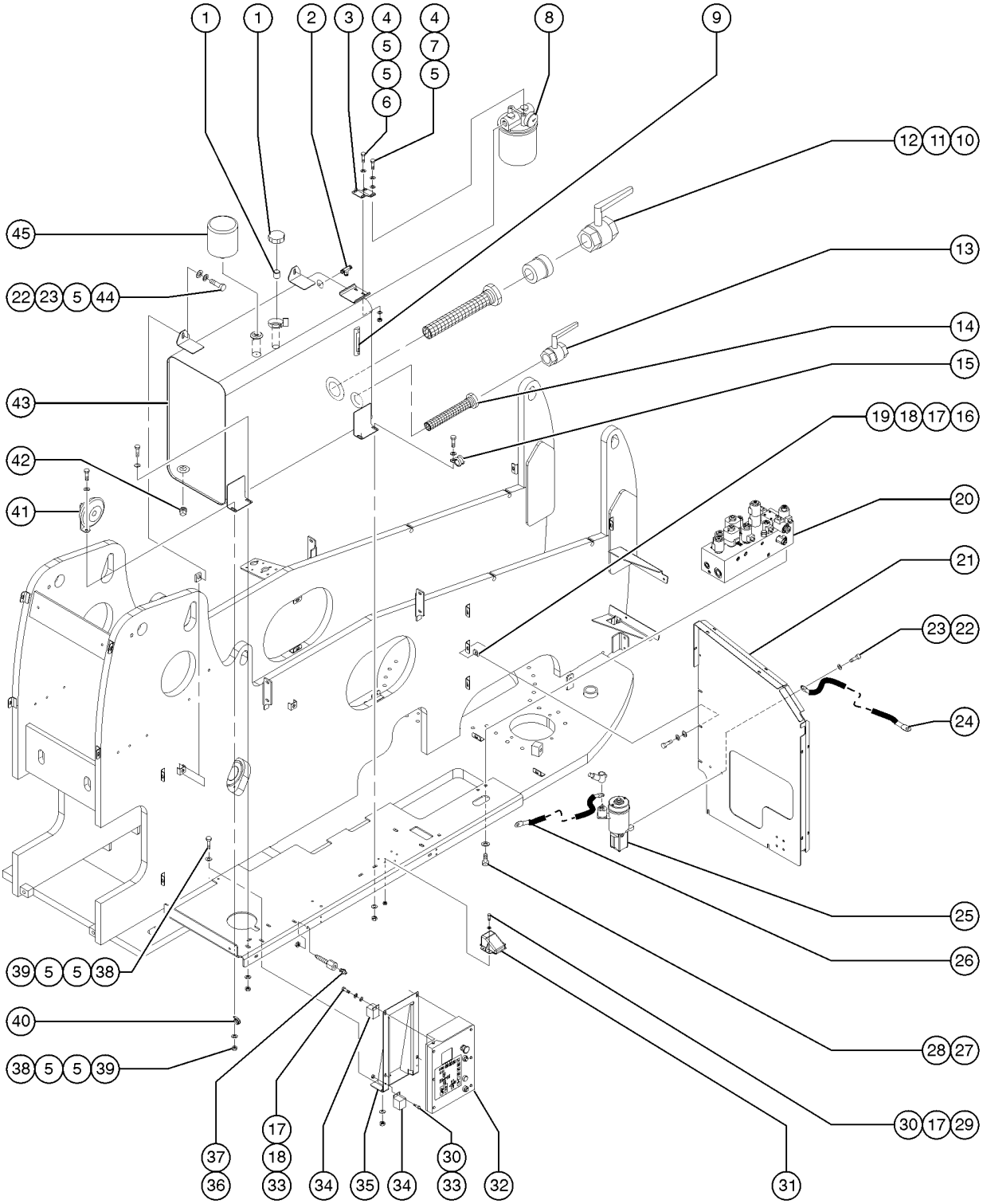
304.1 Turntable Components - View 2, S-100HD



304.1 Turntable Components - View 2, S-100HD

Item	Part No.	Description	Qty.
25-	147290GT	SHAFT SEAL, APU (to SN S100HDD-314)	
25-	37187GT	SEAL KIT, 37185 PUMP (to SN S100HDD-314)	
25-	37191GT	GASKET, PUMP / MOTOR (36179) (to SN S100HDD-314)	
25-	62412GT	SOLENOID,MOTOR START,60511,APU (to SN S100HDD-314)	
25-	62413GT	MOTOR, 60511, APU, 12VDC (to SN S100HDD-314)	
25-	62414GT	SEAL, SHAFT, 60511 APU (to SN S100HDD-314)	
25B	1309536GT	ASSY,AUX POWER UNIT,2.1CC+0.8CC,12V (from SN S100HDD-315)	1
25B-	1323234GT	MOTOR,12VDC,2.0KW,APU (from SN S100HDD-315)	
25B-	1323235GT	PUMP,2.1CC+0.8CC,APU (from SN S100HDD-315)	
25B-	1323236GT	VALVE BLOCK,MOTOR PUMP,1633 (from SN S100HDD-315)	
25B-	1323237GT	RELAY,12VDC,200A (from SN S100HDD-315)	
25B-	1323232GT	DIODE,E08902 (from SN S100HDD-315)	
26	75409GT	BATTERY CABLE	1
27	33987GT	SCREW,HHC,1/2-13 X 1, GR 5	
28	6033GT	WASHER,LOCK,0.5"	
29	6090GT	SCREW, HHC, 1/4-20 X .75	
30	6091GT	NUT, NYLOCK, 1/4-20	
31	50161GT	SENSOR,TILT TURNTABLE(PLSTC)**	1
32		Ref. Ground Controls (refer to 309.1)	
33	8914GT	SCREW, HHC, 1/4-20 X .625	
34	60521GT	RELAY,SEALED 30/40 AMP	2
35	60571-SGT	BRACKET,CNTL BOX MOUNTING***	1
36	28646GT	ZERK,GREASE,1/8 NPT	1
37	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	1
38	4828GT	NUT, NYLOCK, 3/8-16	
39	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
40	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
41	81578GT	HORN,12VDC,SPADE TERMINALS	

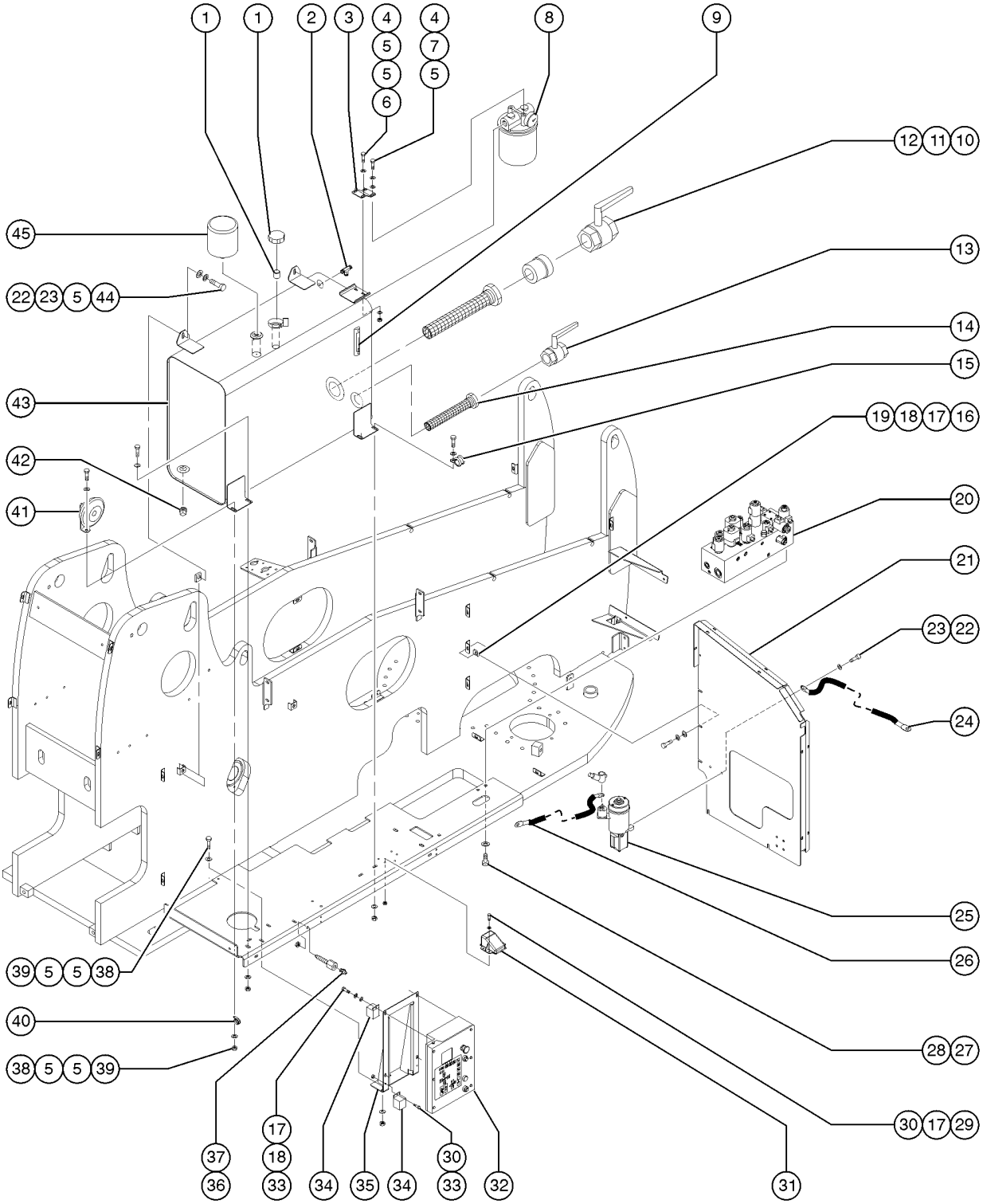
304.1 Turntable Components - View 2, S-100HD



304.1 Turntable Components - View 2, S-100HD

Item	*Part No.*	*Description*	*Qty.*
42	75014GT	PLUG,HEX,130109E,1/2 NPT***	1
43	1274134GT	TANK,HYD,55GALLON includes items 9 and 42	1
44	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
45	60559GT	BREATHER,RESERVOIR 3 MICRON***	1

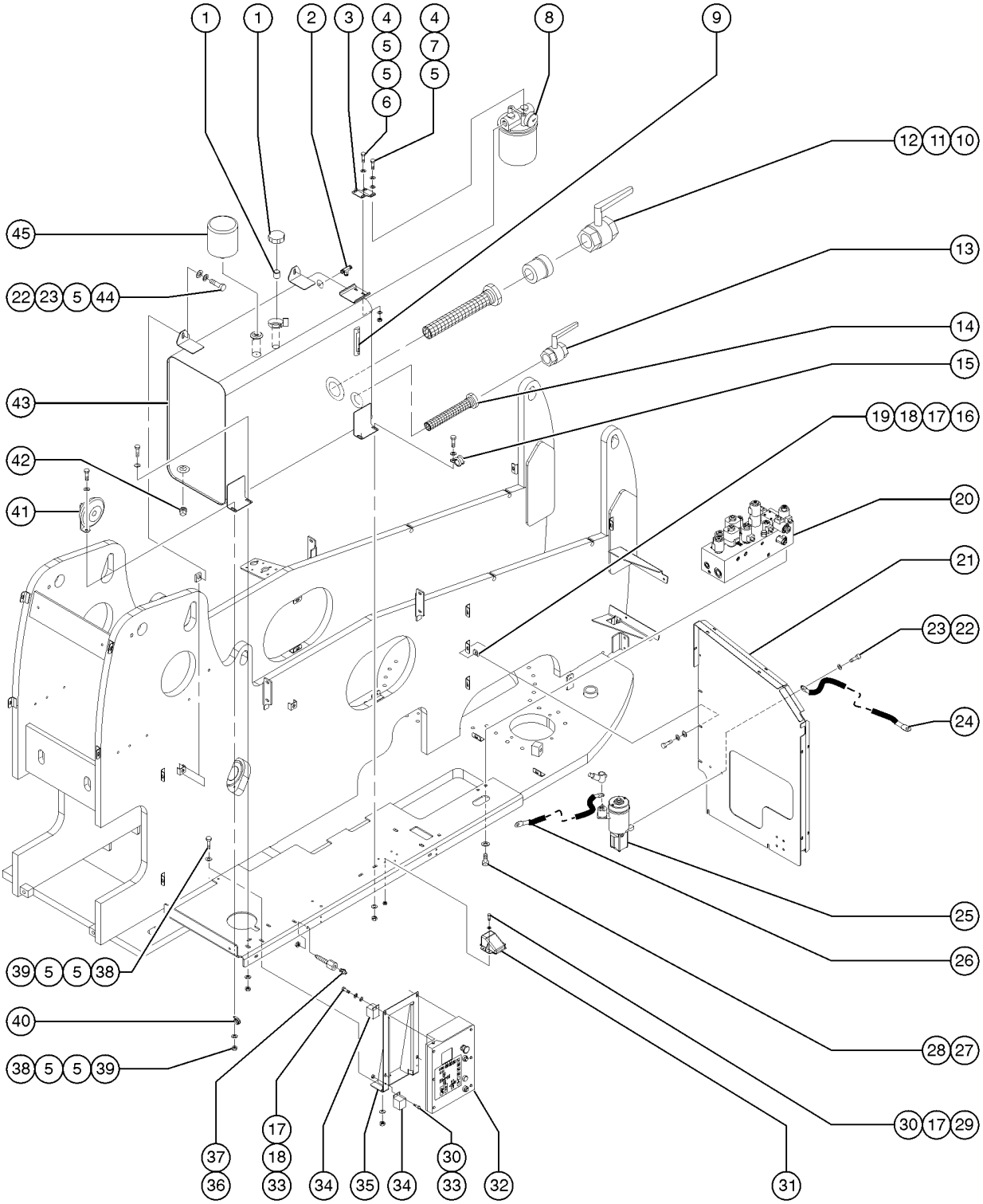
304.2 Turntable Components - View 2, S-120HD



304.2 Turntable Components - View 2, S-120HD

Item	Part No.	Description	Qty.
1	75113GT	FILLER NECK/CAP ASSY.HYD TANK*	1
2	48918GT	TEE,RUN,520428-6	1
3	60936-SGT	BRACKET,RETURN FILTER	1
4	10107GT	SCREW,HHC,5/16-18 X .75	
5	5397GT	WASHER, FLAT, .313	
6	6782GT	NUT, NYLOCK, 5/16-18	
7	6886GT	WASHER,LOCK,.313	
8	60508GT	FILTER,RETURN,ASSY 10 MICRON	1
8-	61326GT	FILTER ELEMENT,10 MICRON,60508	
8-	52768GT	GAUGE,MED.PRESSUR FILTER,50530	
9	215229GT	GAUGE,HYDRAULIC TANK T/L VL	1
10	75256GT	VALVE BALL,24 FSAE-24 FSAE***	
11	75254GT	UNION,STR.THREAD 24***	
12	75257GT	STRAINER ASSY,#24 O-RING	1
13	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	
14	75253GT	STRAINER ASSY,#16 O-RING	1
15	60838GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
17	6638GT	WASHER,FLAT, USS, 1/4"Y	
18	6356GT	WASHER, LOCK, .25	
19	6888GT	SCREW, HHC, 1/4-20 X 1	
20		Ref. Function Manifold (refer to 703.1 or 704.1)	
21	75591GT	PLATE,SWING CHASSIS BULKHEAD	1
22	6175GT	SCREW,HHC,3/8-16 X 1	
23	6021GT	WASHER, LOCK, .375	
24	75719GT	CABLE,GROUND,79" W/PIGTAIL	1
25	102710GT	PUMP,AUXILIARY,DUAL,12V (to SN S120HDD-314)	1
25-	102659GT	PUMP,(102710 APU) (to SN S120HDD-314)	

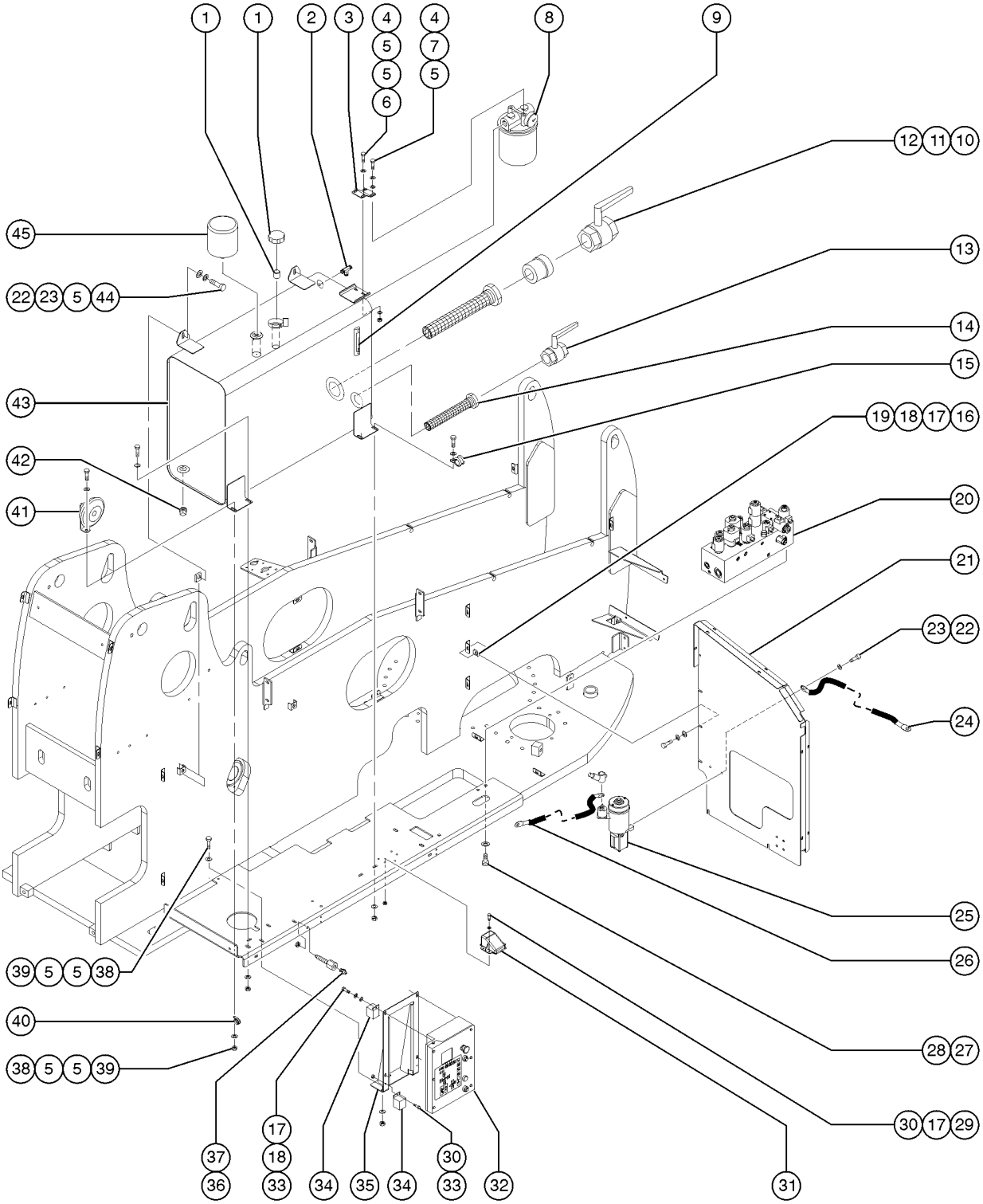
304.2 Turntable Components - View 2, S-120HD



304.2 Turntable Components - View 2, S-120HD

Item	Part No.	Description	Qty.
25-	147290GT	SHAFT SEAL, APU (to SN S120HDD-314)	
25-	37187GT	SEAL KIT, 37185 PUMP (to SN S120HDD-314)	
25-	37191GT	GASKET, PUMP / MOTOR (36179) (to SN S120HDD-314)	
25-	62412GT	SOLENOID,MOTOR START,60511,APU (to SN S120HDD-314)	
25-	62413GT	MOTOR, 60511, APU, 12VDC (to SN S120HDD-314)	
25-	62414GT	SEAL, SHAFT, 60511 APU (to SN S120HDD-314)	
25B	1309536GT	ASSY,AUX POWER UNIT,2.1CC+0.8CC,12V (from SN S120HDD-315)	1
25B-	1323234GT	MOTOR,12VDC,2.0KW,APU (from SN S120HDD-315)	
25B-	1323235GT	PUMP,2.1CC+0.8CC,APU (from SN S120HDD-315)	
25B-	1323236GT	VALVE BLOCK,MOTOR PUMP,1633 (from SN S120HDD-315)	
25B-	1323237GT	RELAY,12VDC,200A (from SN S120HDD-315)	
25B-	1323232GT	DIODE,E08902 (from SN S120HDD-315)	
26	75409GT	BATTERY CABLE	1
27	33987GT	SCREW,HHC,1/2-13 X 1, GR 5	
28	6033GT	WASHER,LOCK,0.5"	
29	6090GT	SCREW, HHC, 1/4-20 X .75	
30	6091GT	NUT, NYLOCK, 1/4-20	
31	50161GT	SENSOR,TILT TURNTABLE(PLSTC)**	1
32		Ref. Ground Controls (refer to 309.1)	
33	8914GT	SCREW, HHC, 1/4-20 X .625	
34	60521GT	RELAY,SEALED 30/40 AMP	2
35	60571-SGT	BRACKET,CNTL BOX MOUNTING***	1
36	28646GT	ZERK,GREASE,1/8 NPT	1
37	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	1
38	4828GT	NUT, NYLOCK, 3/8-16	
39	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
40	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	
41	81578GT	HORN,12VDC,SPADE TERMINALS	

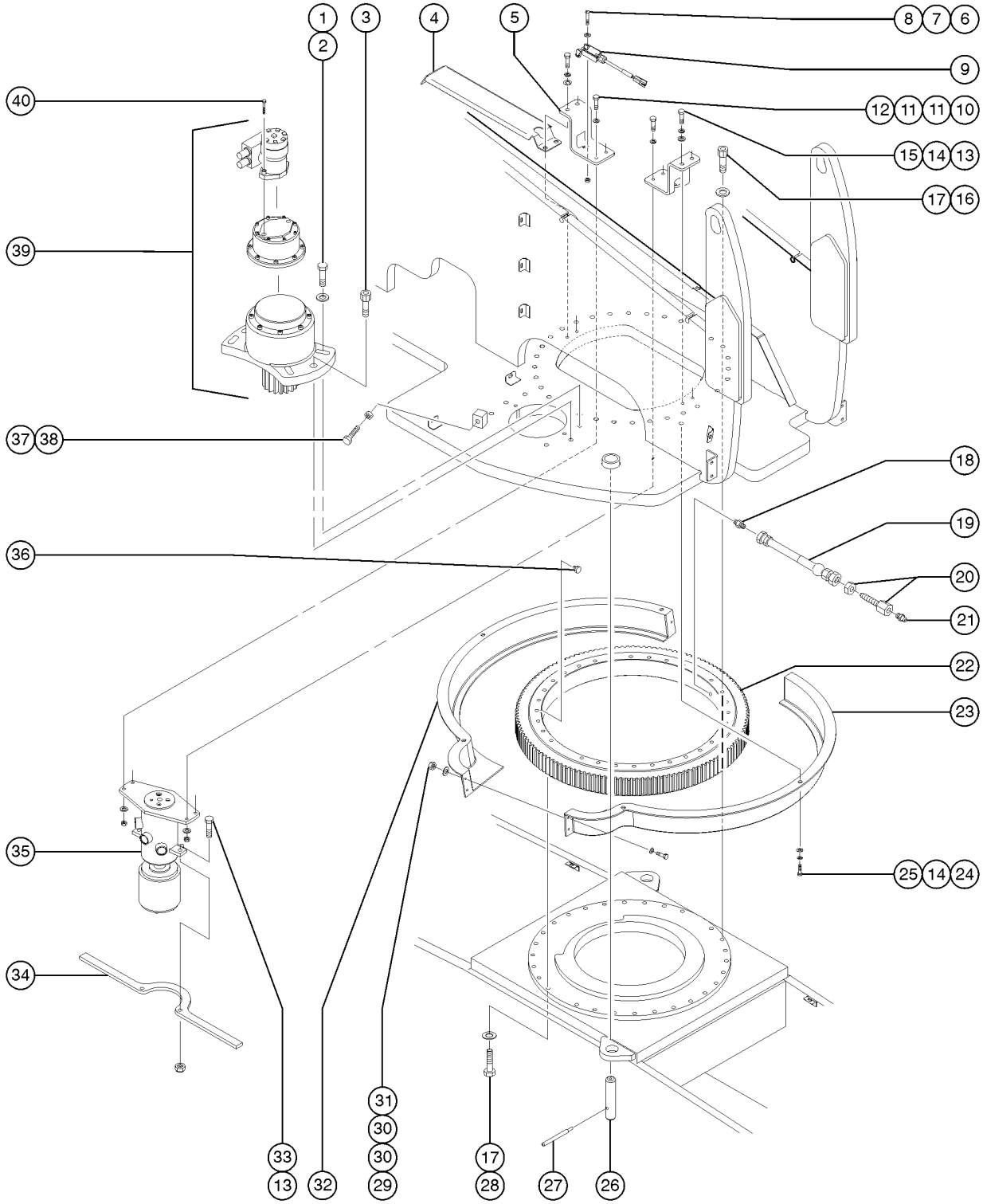
304.2 Turntable Components - View 2, S-120HD



304.2 Turntable Components - View 2, S-120HD

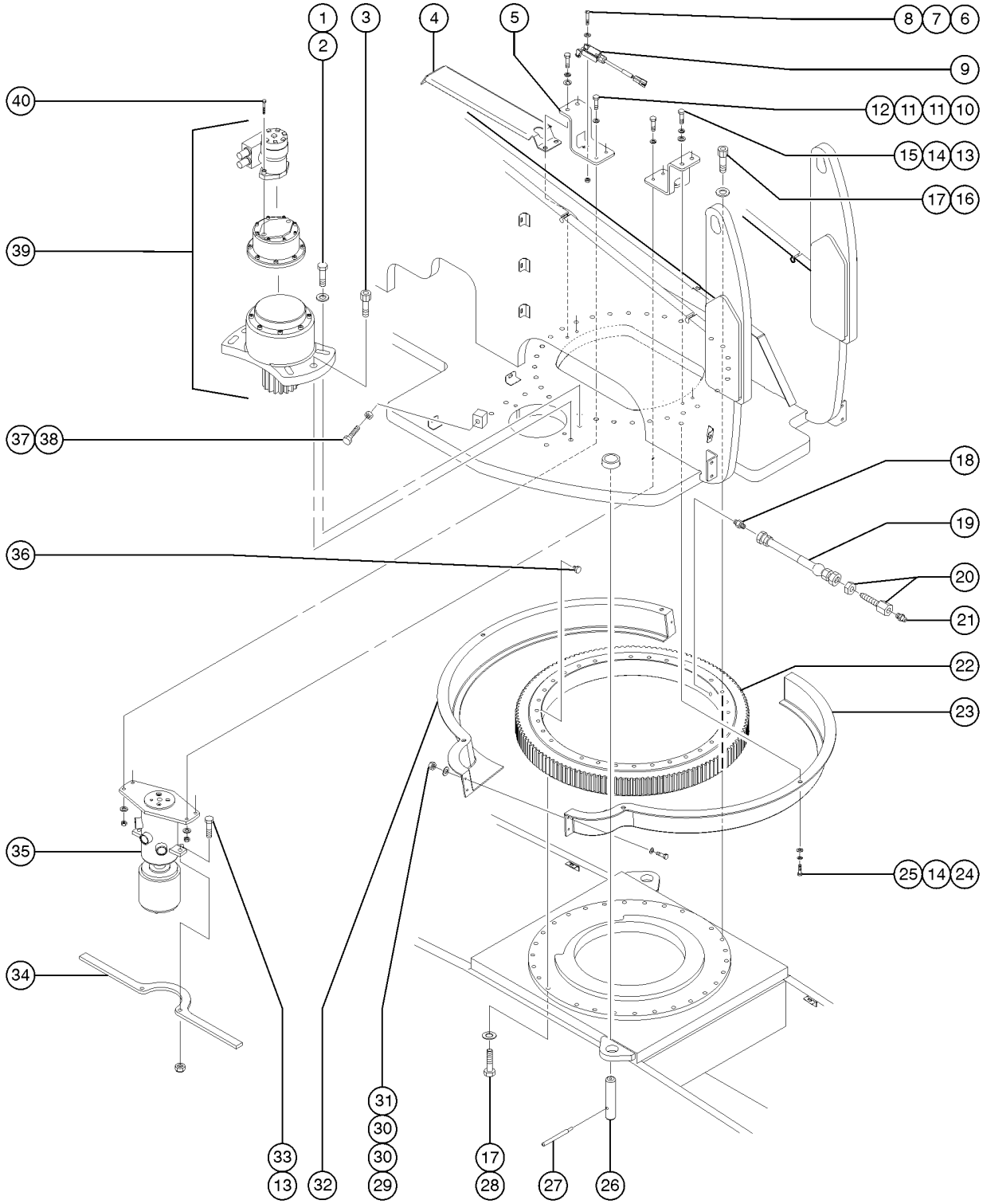
Item	*Part No.*	*Description*	*Qty.*
42	75014GT	PLUG,HEX,130109E,1/2 NPT***	1
43	75645GT	TANK,HYDRAULIC,55 GALLON includes items 9 and 42	1
44	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
45	60559GT	BREATHER,RESERVOIR 3 MICRON***	1

305.1 Turntable Rotator and Hydraulic Rotary Coupler, S-100HD



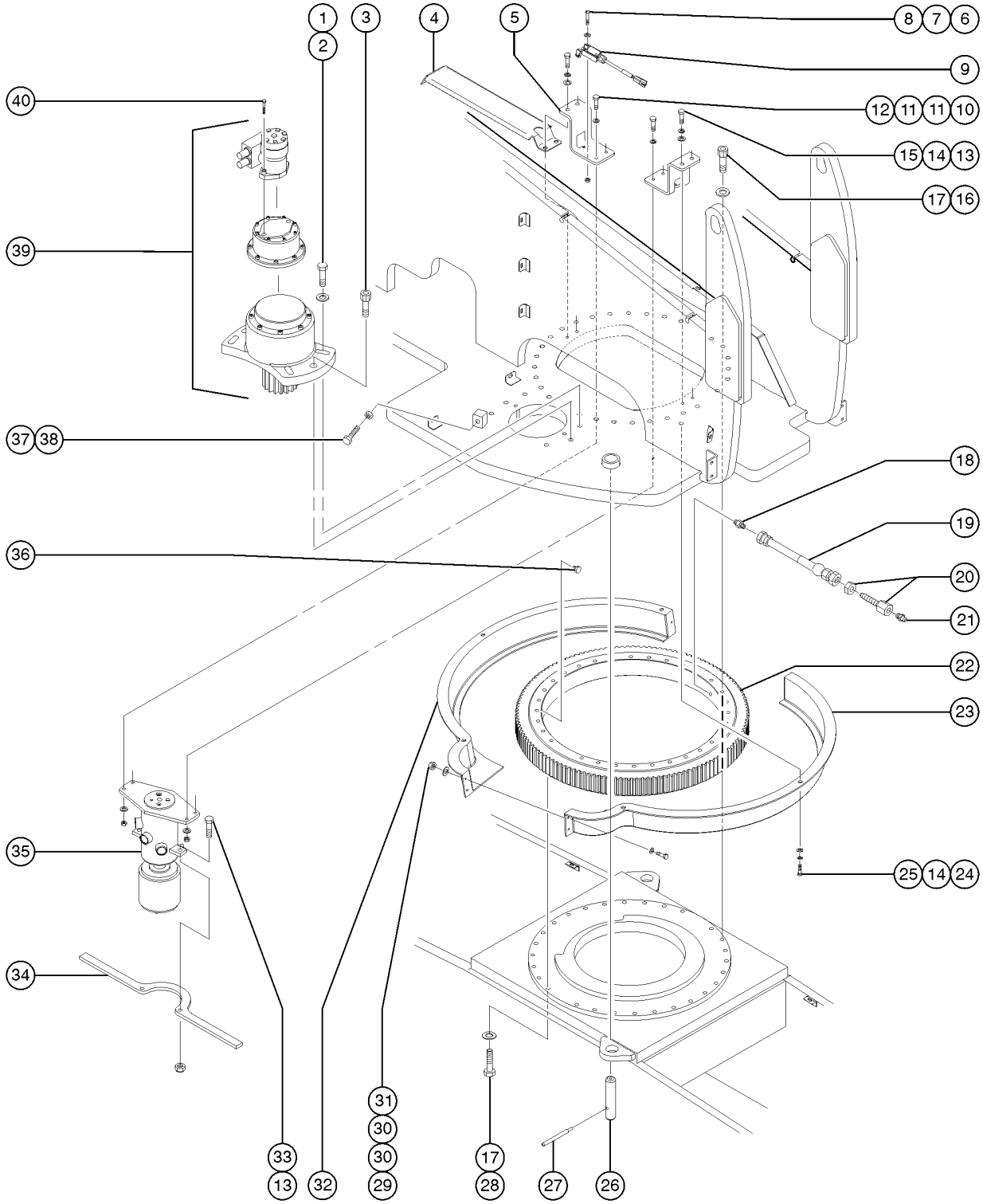
Item	Part No.	Description	Qty.
1	34348GT	SCREW,HHC,3/4-10 X 3 GRD.8	5
2	89833GT	WASHER,FLAT,.81 X 2.00 X .38	5
3	60815GT	SCREW,SHS,3/4-10 X 1.5	
4	60937GT	FORMING,HOSE SUPPORT,SWING	1
5	60575PGT	BRACKET,HYD.ROTATOR MOUNT MNT	2
6	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
7	6146GT	WASHER,FLAT,MS,#10,Y	
8	6178GT	NUT, NYLOCK, 10-32	
9	75037GT	LIMIT SWITCH,OPERATIONAL	1
10	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
11	5397GT	WASHER, FLAT, .313	
12	4828GT	NUT, NYLOCK, 3/8-16	
13	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
14	6033GT	WASHER,LOCK,0.5"	
15	11209GT	WASHER,FLAT,USS,7/16",Y	
16	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	30
17	13064GT	WASHER, FLAT, .625 HARDENED	58
18	75007GT	CONN.MALE PIPE/ORFS-4	1
19	61324-12947GT	HOSE ASSY,1/4"	1
20	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	1
21	28646GT	ZERK,GREASE,1/8 NPT	1
22	50035GT	BEARING,TURNTABLE	1
22-	227785GT	BEARING TURNTABLE SEAL***	
23	61119GT	COVER,SWING BEARING REAR	
24	10587GT	SCREW,HHC,1/2-13 X.75	
25	6095GT	WASHER,FLAT,USS,1/2",Y	
26	61222GT	PIN,TRANSPORT STORAGE LOCK	1
27	61223GT	PIN,TRANSPORT STORAGE HANDLE	1

305.1 Turntable Rotator and Hydraulic Rotary Coupler, S-100HD



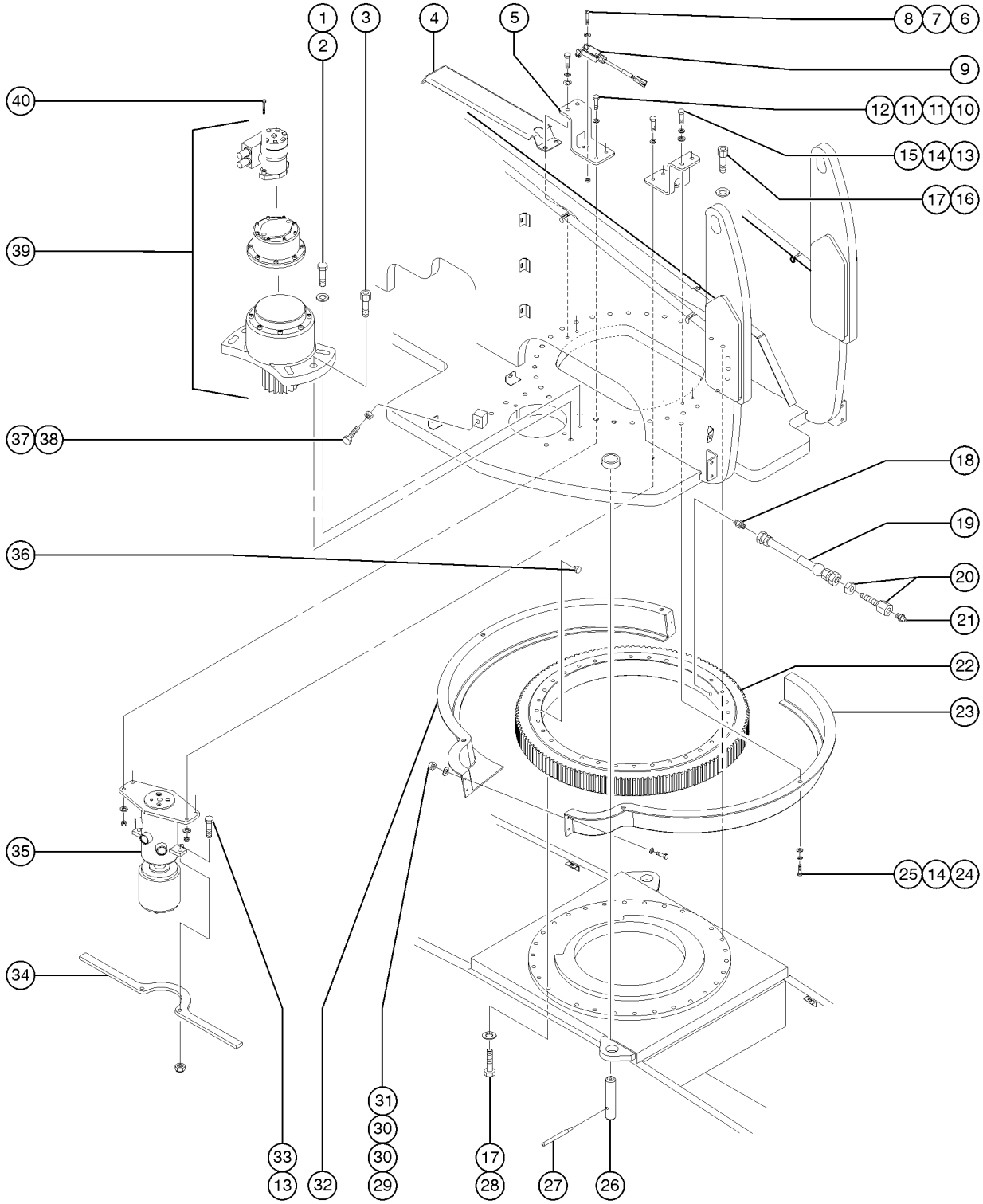
Item	Part No.	Description	Qty.
28	61250GT	SCREW,SHC,5/8-11 X 3.75,A574	28
29	6090GT	SCREW, HHC, 1/4-20 X .75	
30	6638GT	WASHER,FLAT, USS, 1/4"Y	
31	6091GT	NUT, NYLOCK, 1/4-20	
32	61118GT	COVER,SWING BEARING FRONT	
33	6198GT	NUT, NYLOCK, 1/2-13	
34	60393GT	SUPPORT,HYDRAULIC SWIVEL	1
35	122918GT	SWIVEL,HYD/ELEC 5 PORT/10 CONT (complete)	
35-	122919GT	SWIVEL,ELECTRIC 10 CONTACT***	
35-	106914GT	CHANNEL, MOUNTING	
35-	62321GT	SEAL KIT,HYD SWIVEL (75126)***	
35-	75129GT	ARM,ANTI-ROTATION,SWIVEL***	
35-	10107GT	SCREW,HHC,5/16-18 X .75	
35-	75130GT	SCREW,SHC,7/16-14 X .75,61342	
36	75008GT	PLUG,PIPE HEXHEAD 130109E-1/8	1
37	61128GT	SCREW,HHC,3/4-10 X 4 FULL THRD	
38	6126GT	NUT,HEX,JAM,3/4-10	
39		Ref. Turntable Rotation Drive Hub, Motor and Brake Assembly (refer to 306.1)	
40	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	2

305.2 Turntable Rotator and Hydraulic Rotary Coupler, S-120HD



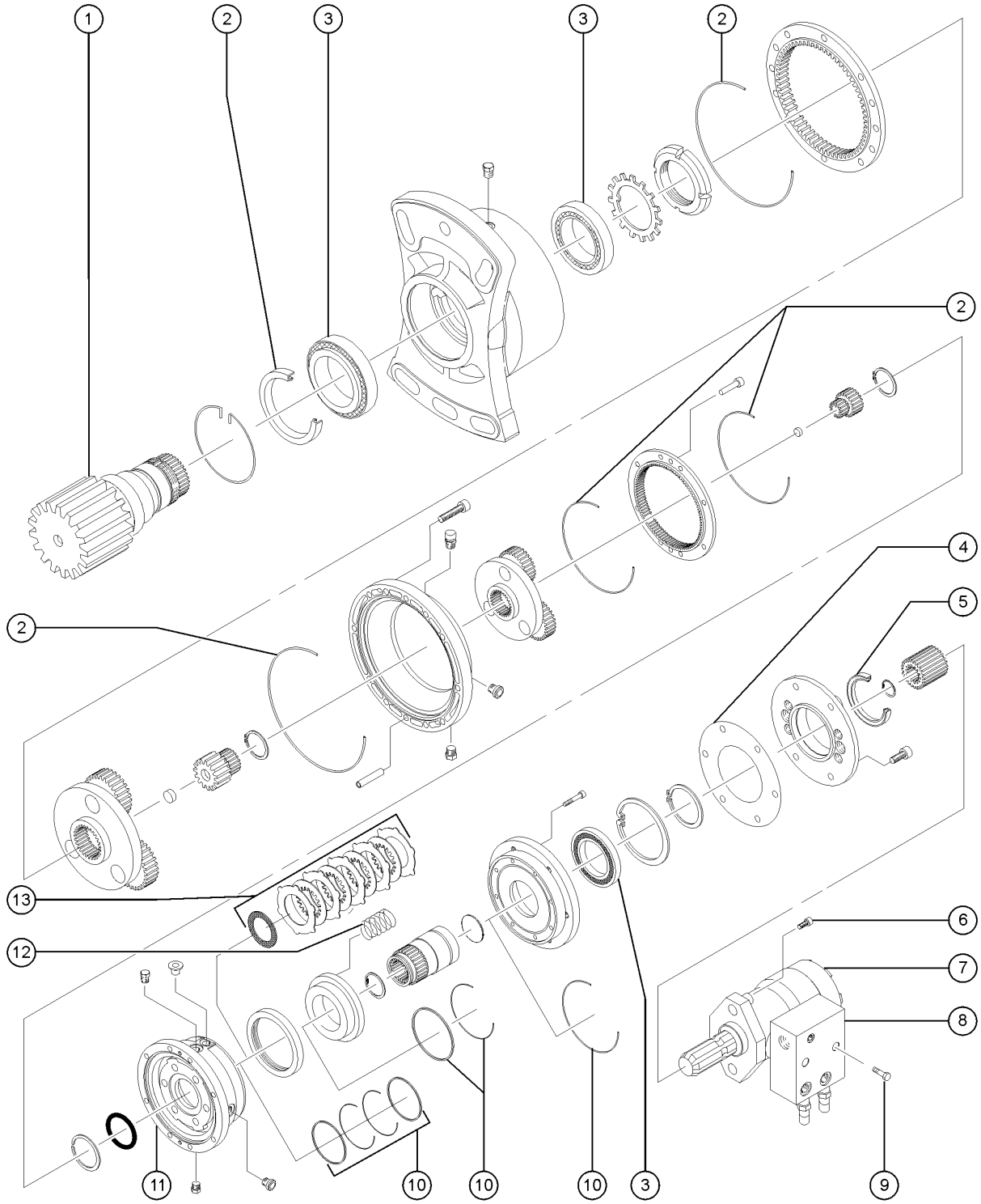
Item	Part No.	Description	Qty.
1	34348GT	SCREW,HHC,3/4-10 X 3 GRD.8	5
2	89833GT	WASHER,FLAT,.81 X 2.00 X .38	5
3	60815GT	SCREW,SHS,3/4-10 X 1.5	
4	60937GT	FORMING,HOSE SUPPORT,SWING	1
5	60575PGT	BRACKET,HYD.ROTATOR MOUNT MNT	2
6	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75	
7	6146GT	WASHER,FLAT,MS,#10,Y	
8	6178GT	NUT, NYLOCK, 10-32	
9	75037GT	LIMIT SWITCH,OPERATIONAL	1
10	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	4
11	5397GT	WASHER, FLAT, .313	
12	4828GT	NUT, NYLOCK, 3/8-16	
13	6096GT	SCREW,HHC,1/2-13 X 2 GR5	
14	6033GT	WASHER,LOCK,0.5"	
15	11209GT	WASHER,FLAT,USS,7/16",Y	
16	45495GT	SCREW,SHC,5/8-11 X 3.00,A574	30
17	13064GT	WASHER, FLAT, .625 HARDENED	58
18	75007GT	CONN.MALE PIPE/ORFS-4	1
19	61324-12947GT	HOSE ASSY,1/4"	1
20	48885GT	CONNECTOR,BULKHEAD,FEMALE-4	1
21	28646GT	ZERK,GREASE,1/8 NPT	1
22	50035GT	BEARING,TURNTABLE	1
22-	227785GT	BEARING TURNTABLE SEAL***	
23	61119GT	COVER,SWING BEARING REAR	
24	10587GT	SCREW,HHC,1/2-13 X.75	
25	6095GT	WASHER,FLAT,USS,1/2",Y	
26	61222GT	PIN,TRANSPORT STORAGE LOCK	1
27	61223GT	PIN,TRANSPORT STORAGE HANDLE	1

305.2 Turntable Rotator and Hydraulic Rotary Coupler, S-120HD



Item	Part No.	Description	Qty.
28	61250GT	SCREW,SHC,5/8-11 X 3.75,A574	28
29	6090GT	SCREW, HHC, 1/4-20 X .75	
30	6638GT	WASHER,FLAT, USS, 1/4"Y	
31	6091GT	NUT, NYLOCK, 1/4-20	
32	61118GT	COVER,SWING BEARING FRONT	
33	6198GT	NUT, NYLOCK, 1/2-13	
34	60393GT	SUPPORT,HYDRAULIC SWIVEL	1
35	122918GT	SWIVEL,HYD/ELEC 5 PORT/10 CONT (complete)	
35-	122919GT	SWIVEL,ELECTRIC 10 CONTACT***	
35-	106914GT	CHANNEL, MOUNTING	
35-	62321GT	SEAL KIT,HYD SWIVEL (75126)***	
35-	75129GT	ARM,ANTI-ROTATION,SWIVEL***	
35-	10107GT	SCREW,HHC,5/16-18 X .75	
35-	75130GT	SCREW,SHC,7/16-14 X .75,61342	
36	75008GT	PLUG,PIPE HEXHEAD 130109E-1/8	1
37	61128GT	SCREW,HHC,3/4-10 X 4 FULL THRD	
38	6126GT	NUT,HEX,JAM,3/4-10	
39		Ref. Turntable Rotation Drive Hub, Motor and Brake Assembly (refer to 306.1)	
40	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	2

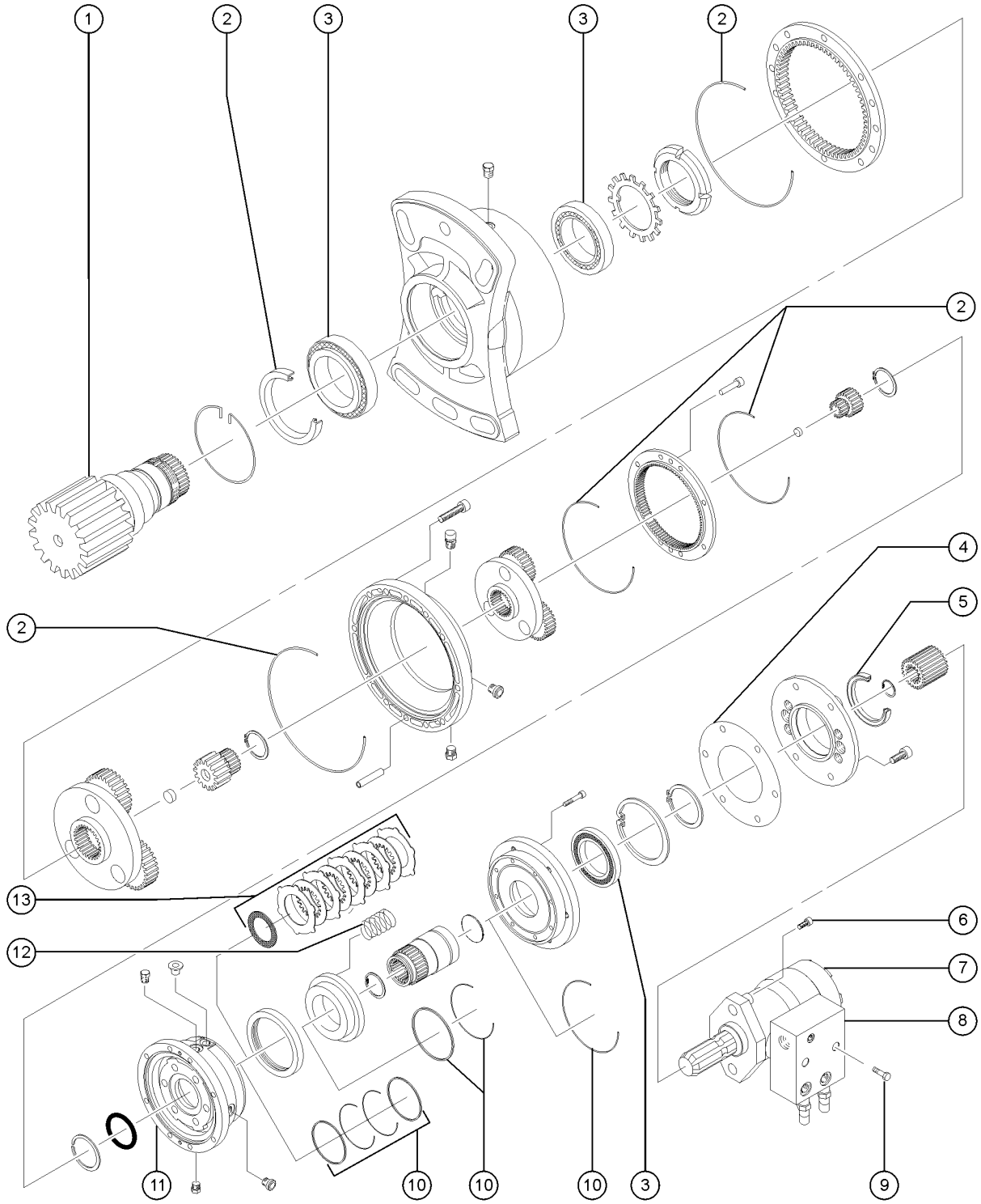
306.1 Turntable Rotation Drive Hub, S-100HD



306.1 Turntable Rotation Drive Hub, S-100HD

Item	*Part No.*	*Description*	*Qty.*
-	111145GT	SWING DRIVE ASSEMBLY	
1		SHAFT-OUTPUT (60810) component no longer available	1
2	62465GT	SEAL KIT,DRIVE HUB,TURNTBL.ROT	1
3	62467GT	BEARING KIT,TURNTBL.ROT.DRVHUB	1
4	122336GT	GASKET,(111145)	1
5	122337GT	OIL SEAL,(111145)	1
6	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	
7	111144GT	MOTOR,SWING DRIVE (111145)	
7-	75116GT	SEAL KIT,TURNTABL.ROT.MOTOR	
8	128447GT	MANIFOLD,TURNTABLE ROTATION	1
9	41489GT	SCREW,SHC,5/16-18 X 2,PLATED	
10	62466GT	SEAL KIT,BRAKE,TURNTABLE ROT**	1
11	111143GT	BRAKE,SWING DRIVE (111145)	
12	75682GT	DISC KIT DRIVE TURNTABLE Z-60*	1
13	62468GT	BRAKE DISC KIT,75090	1

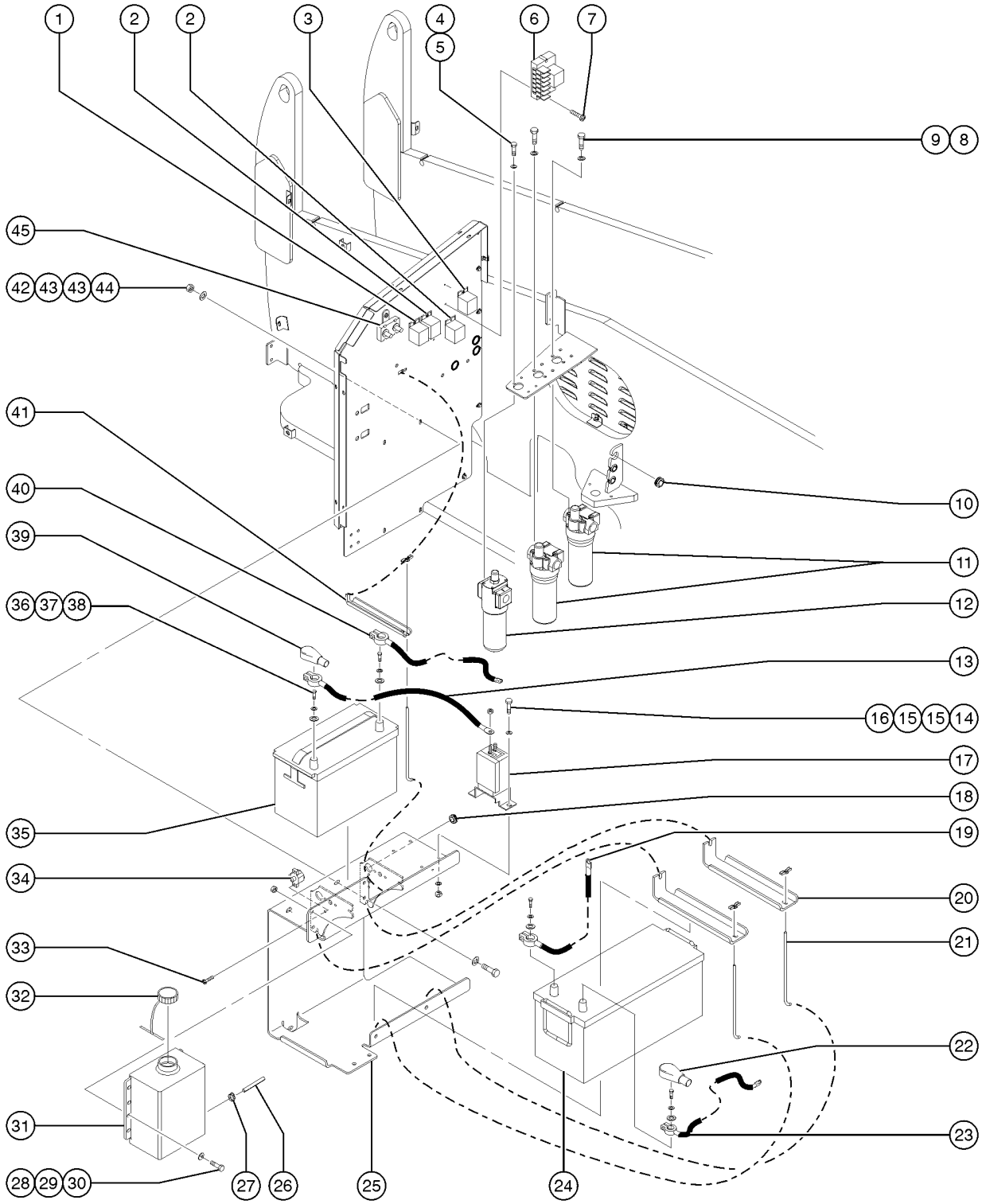
306.2 Turntable Rotation Drive Hub, S-120HD



306.2 Turntable Rotation Drive Hub, S-120HD

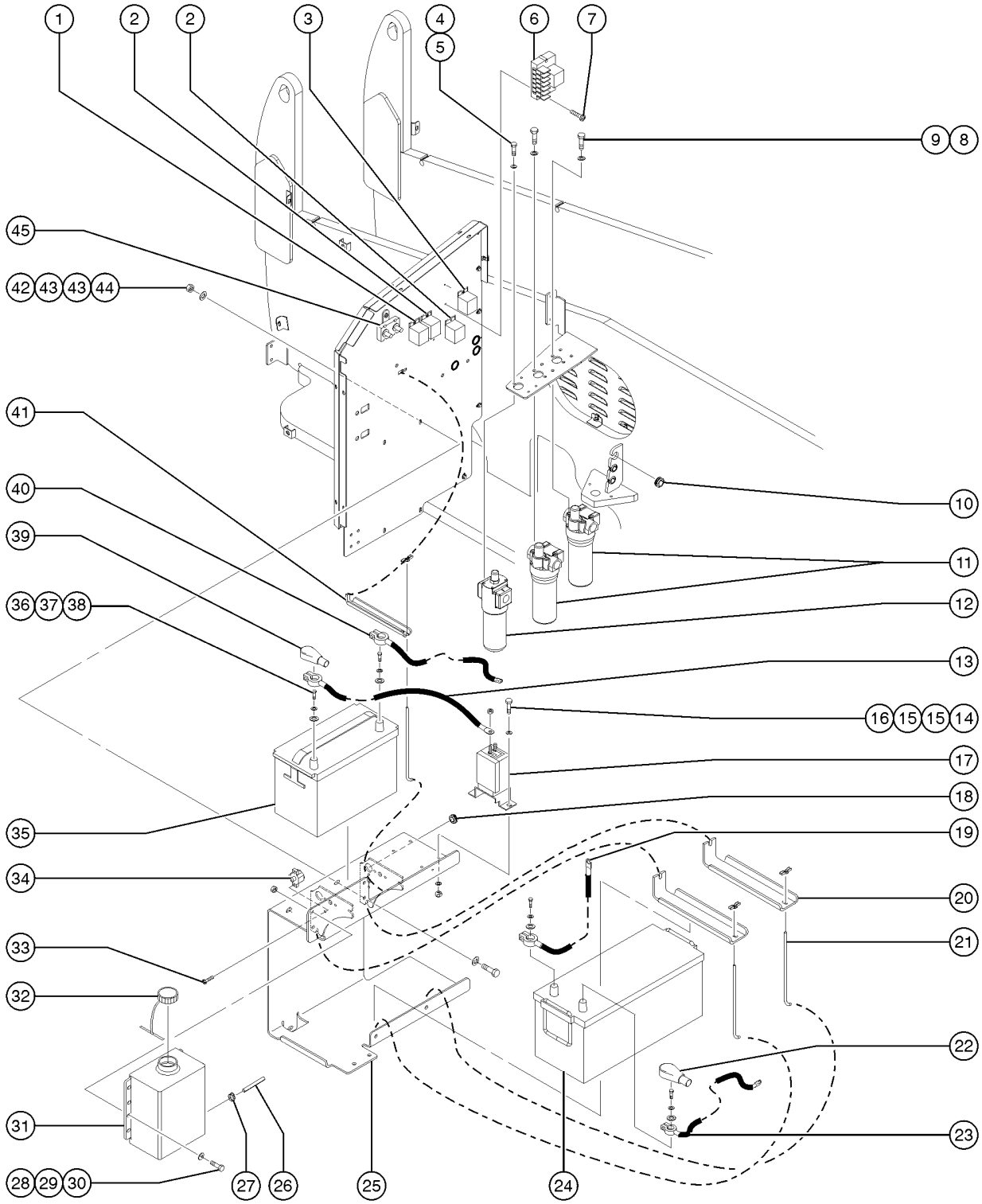
Item	*Part No.*	*Description*	*Qty.*
-	111145GT	SWING DRIVE ASSEMBLY	
1		SHAFT-OUTPUT (60810) component no longer available	1
2	62465GT	SEAL KIT,DRIVE HUB,TURNTBL.ROT	1
3	62467GT	BEARING KIT,TURNTBL.ROT.DRVHUB	1
4	122336GT	GASKET,(111145)	1
5	122337GT	OIL SEAL,(111145)	1
6	56843GT	SCREW,SHC,1/2-13 X 1.50,A574	
7	111144GT	MOTOR,SWING DRIVE (111145)	
7-	75116GT	SEAL KIT,TURNTABL.ROT.MOTOR	
8	128447GT	MANIFOLD,TURNTABLE ROTATION	1
9	41489GT	SCREW,SHC,5/16-18 X 2,PLATED	
10	62466GT	SEAL KIT,BRAKE,TURNTABLE ROT**	1
11	111143GT	BRAKE,SWING DRIVE (111145)	
12	75682GT	DISC KIT DRIVE TURNTABLE Z-60*	1
13	62468GT	BRAKE DISC KIT,75090	1

307.1 Batteries and Hydraulic Filters Installation, S-100HD



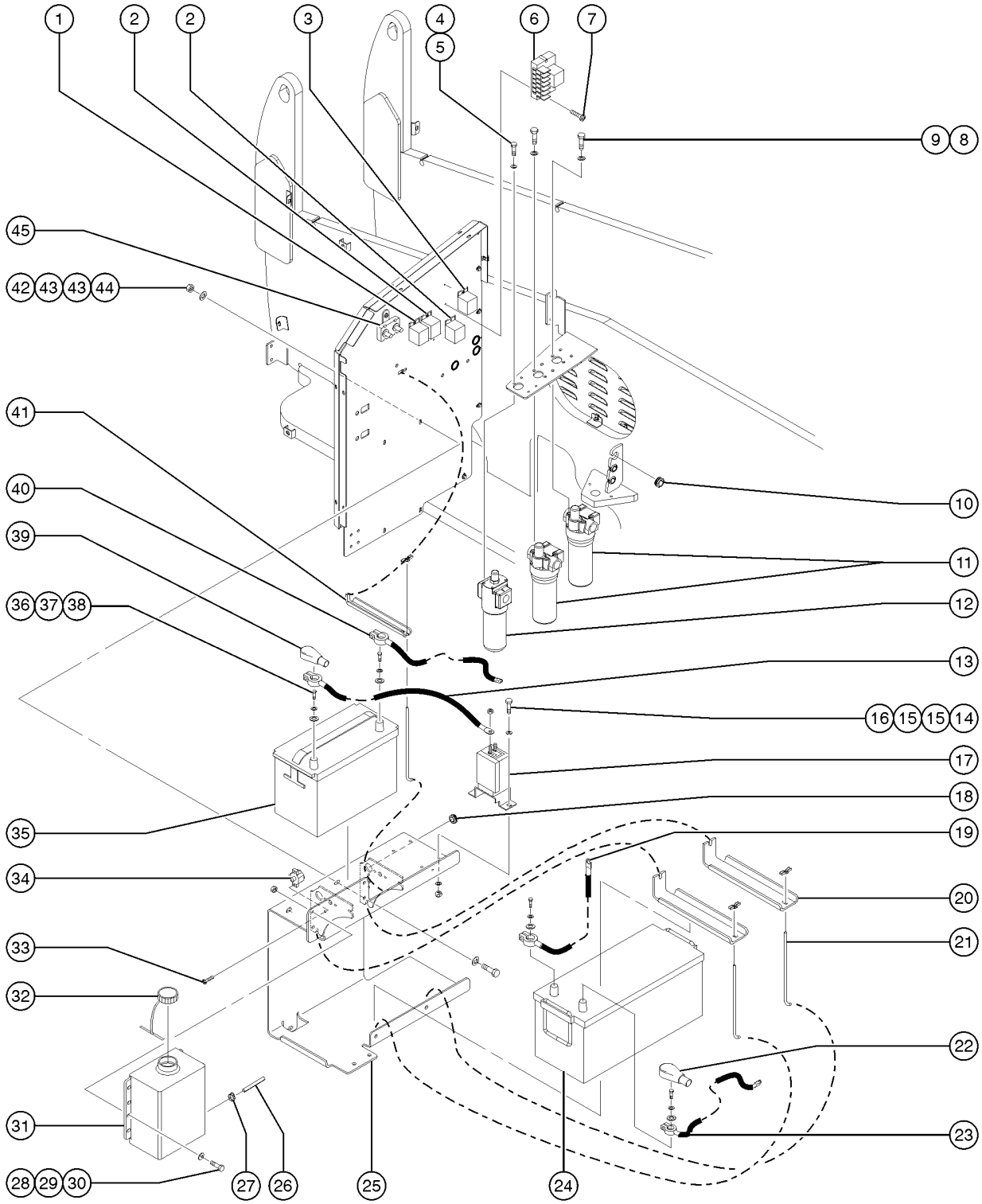
Item	Part No.	Description	Qty.
-	66717GT	FUSE BLOCK, ANN & ANL FUSE	
-	102190GT	FORMING,FUSE COVER, PAINTED	
1	60521GT	RELAY,SEALED 30/40 AMP Deutz models	1
2	61225GT	RELAY,12VDC,70AMP,SEALED Deutz models	2
3	60521GT	RELAY,SEALED 30/40 AMP Deutz and Perkins models	1
3-	61225GT	RELAY,12VDC,70AMP,SEALED Cummins models	
4	8914GT	SCREW, HHC, 1/4-20 X .625	
5	6356GT	WASHER, LOCK, .25	
6	89997GT	RELAY MODULE,(89996 SOLENOID)	1
7	49816GT	SCREW, PHILLIPS, PHM, 10-32 X .75	
8	8255GT	SCREW,HHC,3/8-16 X .75	
9	6021GT	WASHER, LOCK, .375	
10	61189GT	GROMMET,RUBBER .75 X .38 X1.13	3
11	60334GT	FILTER ASSY,HIGH PRESS SAE-12	2
11-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
11-	1279465GT	BACKUP RING,71.60X67.20X1.40PTFE(60334)	
11-	1279466GT	O-RING,67.95X2.62-NBR-70SH(HF2P)(60334)	
11-	58380GT	FILTER INDICATOR-(60334)	
12		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	
12-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
12-	58222GT	O-RING,FILTER ASSY (60334)*** for 77139	
12-	58223GT	SEAL,FILTER ASSY (60334)*** for 77139	
12A	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
12A-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
13	75409GT	BATTERY CABLE Deutz models	1
13-	111637GT	CABLE,BATTERY POSITIVE 73" Cummins models	
14	6090GT	SCREW, HHC, 1/4-20 X .75	
15	6638GT	WASHER,FLAT, USS, 1/4"Y	

307.1 Batteries and Hydraulic Filters Installation, S-100HD



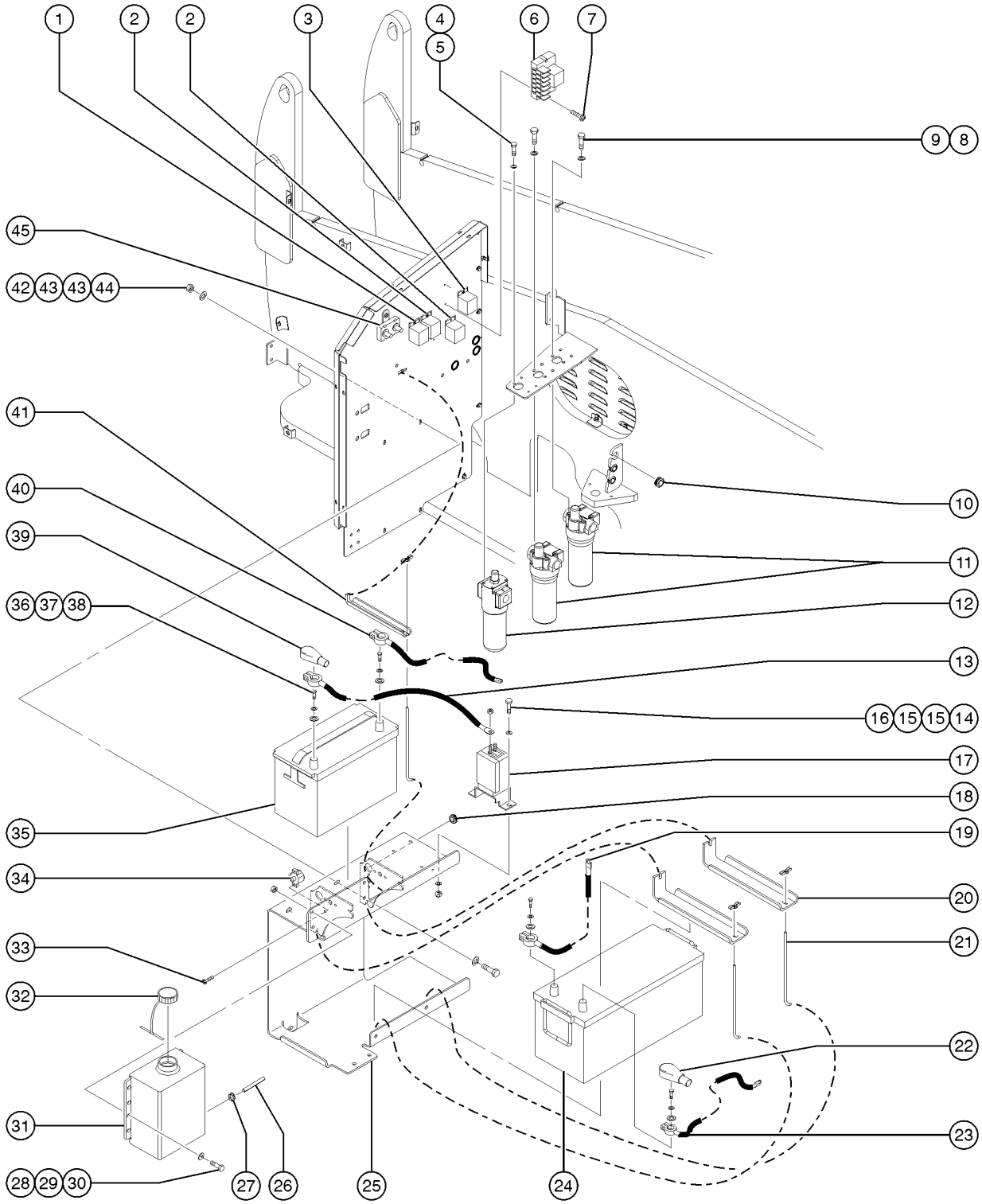
Item	Part No.	Description	Qty.
16	6091GT	NUT, NYLOCK, 1/4-20	
17	237068GT	SEPARATOR,DUAL BATTERY,100A	1
18	60584GT	GROMMET,RUBBER .75 X .19 X 1	1
19	60928GT	CABLE,BATTERY NEGATIVE	1
20	T010025GT	FORMING,BATTERY HOLD DOWN (to S100HDD-249)	2
20B	1309964GT	FORMING,LOWER BATTERY HOLD (from S100HDD-250)	2
21	45708GT	HOOK-BATT HOLD DOWN 10"LG	4
21-	8170GT	NUT,WING,1/4-20	
22	18189GT	BOOT,BATTERY TERMINAL,RED	1
23	61318GT	BATTERY CABLE,POSITIVE DEUTZ Deutz models	1
23-	60930GT	CABLE,BATTERY POSITIVE Cummins models	
24	1303586GT	BATTERY, 12V, 1000 CCA, 210 AH, VRLA (to S100HDD-249)	1
24B	1310699GT	BATTERY,APU,12V,210AH (from S100HDD-250)	1
25	60708GT	WELDMENT,BATTERY TRAY (to S100HDD-249)	1
25B	1310704GT	WELDMENT,BATTERY TRAY,SBOOM (from S100HDD-250)	1
26	42941GT	HOSE,3/8",FUEL,30R7	115
27	21465GT	CLAMP,HOSE,.25" - .63" X .3125	1
28	13002GT	SCREW, HHC, 5/16-18 x 1 GR5	
29	5397GT	WASHER, FLAT, .313	
30	6782GT	NUT, NYLOCK, 5/16-18	
31	60721GT	COOLANT,RECOVERY BOTTLE, 4 QT* including item 32	1
32	75121GT	CAP, COOLANT RET SYS(60721)	1
33	54380GT	SCREW,PHILLIPS,PHM,8-32 X .875	
34	75610GT	CIRCUIT BREAKER, 25 AMP	1
35	1306670GT	START BATTERY,12V 1000CCA	1
36	217023GT	SCREW, M8x16, GB5783 GRADE 8.8 Use only with Fullriver battery	4
37	231993GT	SPRING WASHER 8 GB93 Use only with Fullriver battery	4
38	235068GT	FLAT WASHER M8, GB/T96, HV140 ZN Use only with Fullriver battery	4

307.1 Batteries and Hydraulic Filters Installation, S-100HD



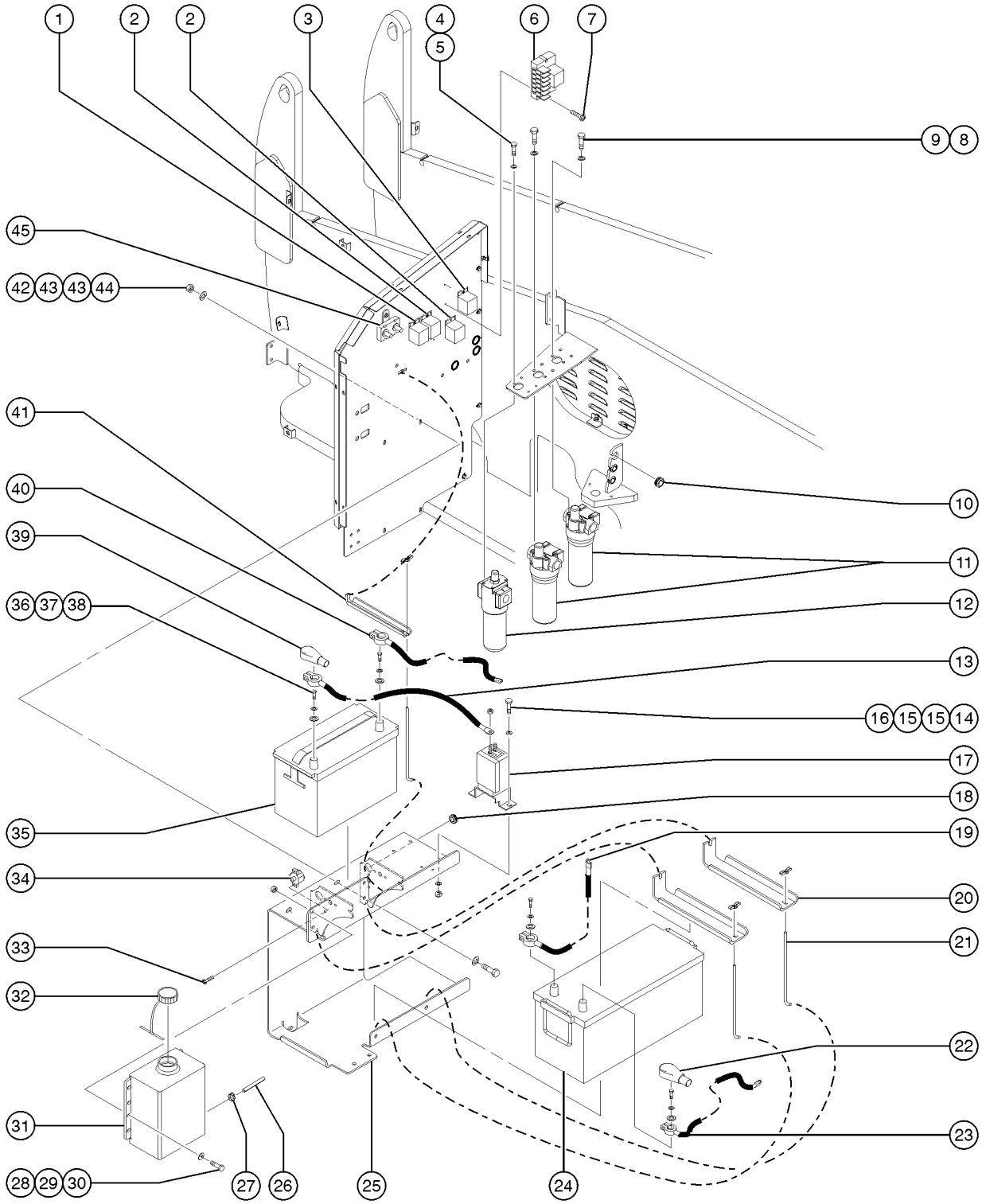
Item	*Part No.*	*Description*	*Qty.*
39	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	1
40	75719GT	CABLE,GROUND,79" W/PIGTAIL	1
41	60940GT	HOLD DOWN,BATTERY,SMALL	1
42	4828GT	NUT, NYLOCK, 3/8-16	
43	6097GT	WASHER, FLAT, USS, 3/8", Y	
44	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
45	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL Deutz models	

307.2 Batteries and Hydraulic Filters Installation, S-120HD



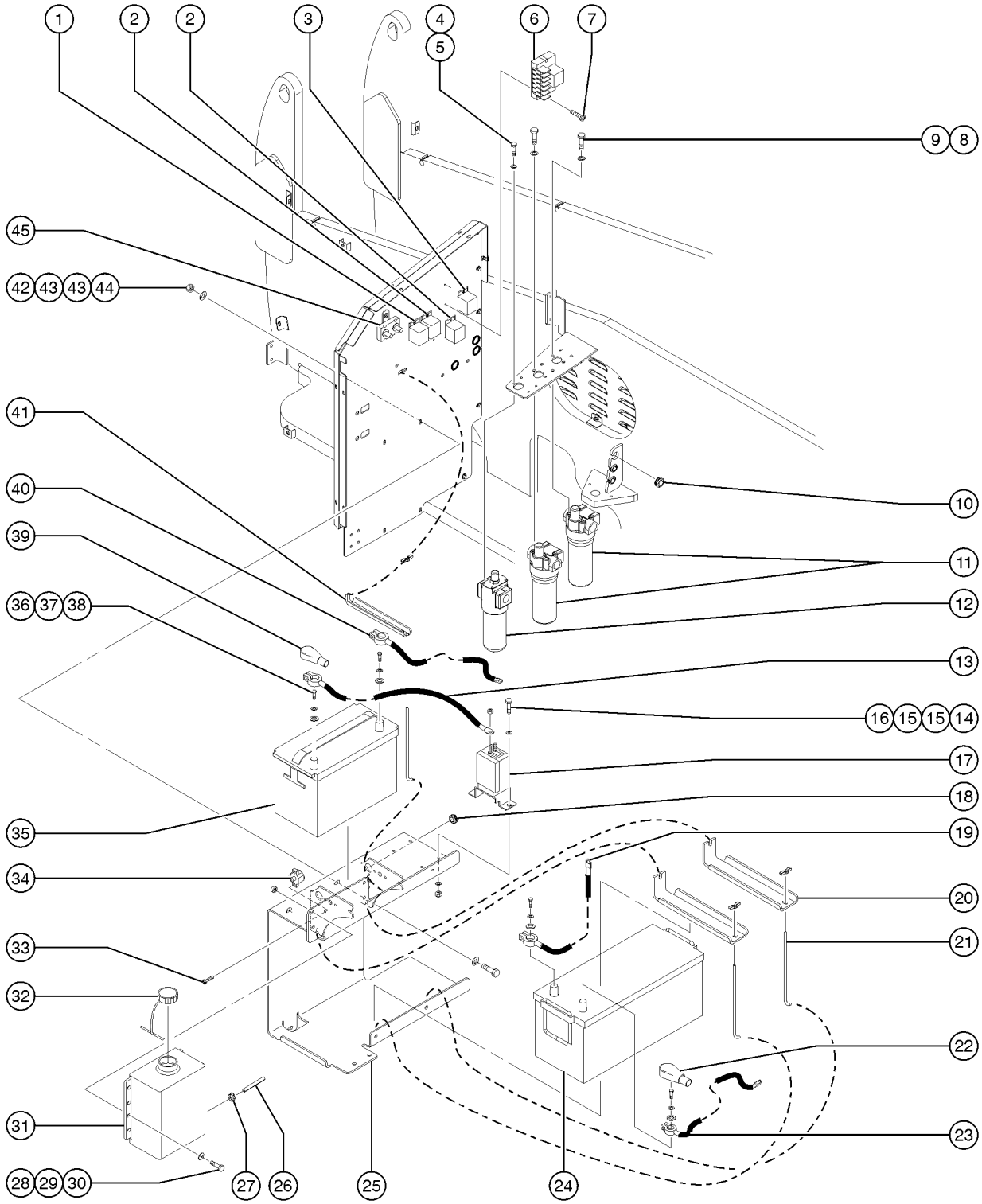
Item	Part No.	Description	Qty.
-	66717GT	FUSE BLOCK, ANN & ANL FUSE	
-	102190GT	FORMING,FUSE COVER, PAINTED	
1	60521GT	RELAY,SEALED 30/40 AMP Deutz models	1
2	61225GT	RELAY,12VDC,70AMP,SEALED Deutz models	2
3	60521GT	RELAY,SEALED 30/40 AMP Deutz and Perkins models	1
3-	61225GT	RELAY,12VDC,70AMP,SEALED Cummins models	
4	8914GT	SCREW, HHC, 1/4-20 X .625	
5	6356GT	WASHER, LOCK, .25	
6	89997GT	RELAY MODULE,(89996 SOLENOID)	1
7	49816GT	SCREW, PHILLIPS, PHM, 10-32 X .75	
8	8255GT	SCREW,HHC,3/8-16 X .75	
9	6021GT	WASHER, LOCK, .375	
10	61189GT	GROMMET,RUBBER .75 X .38 X1.13	3
11	60334GT	FILTER ASSY,HIGH PRESS SAE-12	2
11-	60857GT	FILTER,ELEMENT,BETA(5)=1000	
11-	1279465GT	BACKUP RING,71.60X67.20X1.40PTFE(60334)	
11-	1279466GT	O-RING,67.95X2.62-NBR-70SH(HF2P)(60334)	
11-	58380GT	FILTER INDICATOR-(60334)	
12A		FILTER ASY,M PRESS,SAE8,WOIND* (77139) component no longer available	
12A-	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
12A-	58222GT	O-RING,FILTER ASSY (60334)*** for 77139	
12A-	58223GT	SEAL,FILTER ASSY (60334)*** for 77139	
12B	1267807GT	ASSEMBLY, MED. PRESS. FILTER, SAE8	
12B-	1268229GT	ELEMENT-5 MIC, PAPER, W/ BYPASS for 1267807	
13	75409GT	BATTERY CABLE Deutz models	1
13-	111637GT	CABLE,BATTERY POSITIVE 73" Cummins models	
14	6090GT	SCREW, HHC, 1/4-20 X .75	
15	6638GT	WASHER,FLAT, USS, 1/4"Y	

307.2 Batteries and Hydraulic Filters Installation, S-120HD



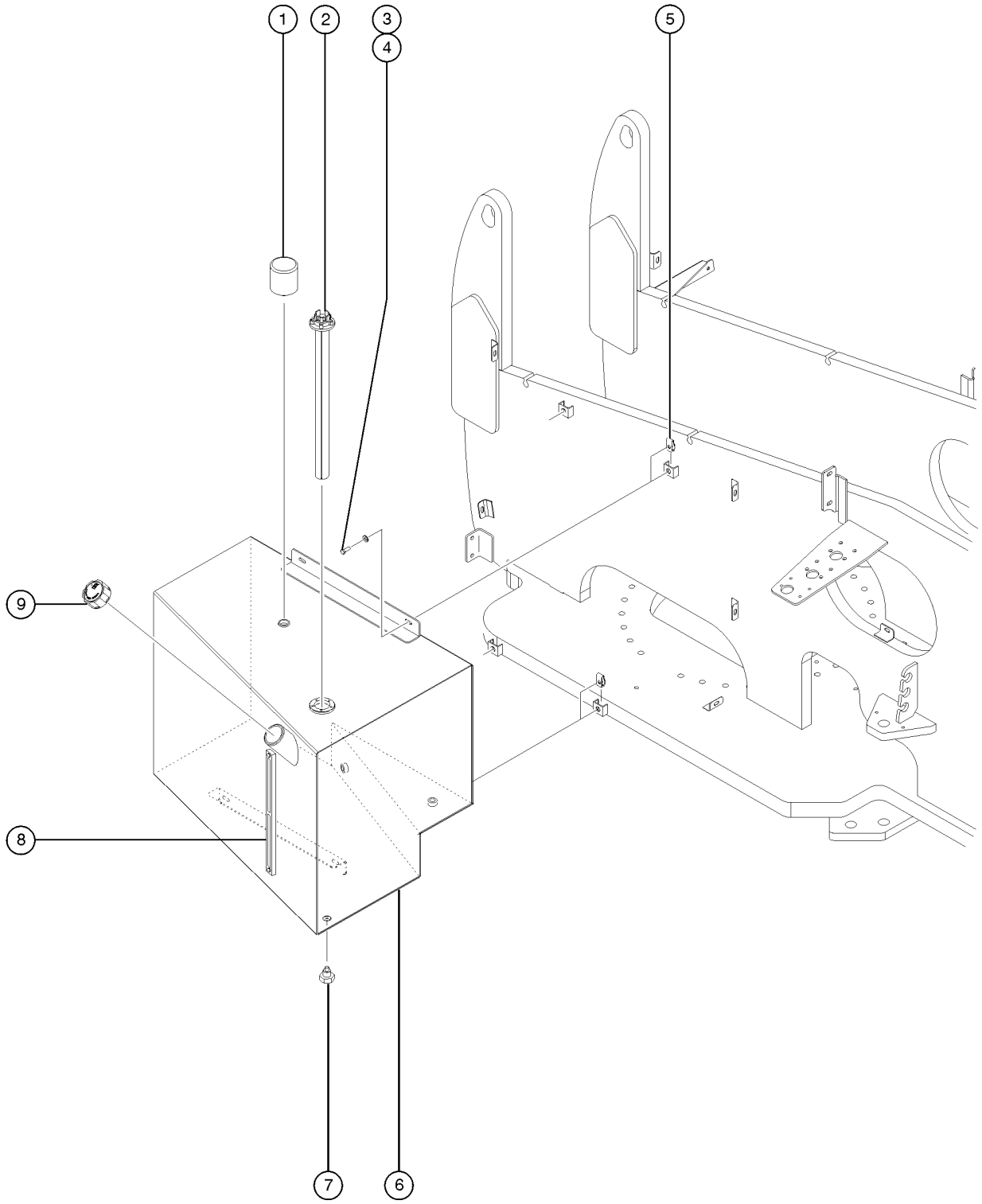
Item	Part No.	Description	Qty.
16	6091GT	NUT, NYLOCK, 1/4-20	
17	237068GT	SEPARATOR,DUAL BATTERY,100A	1
18	60584GT	GROMMET,RUBBER .75 X .19 X 1	1
19	60928GT	CABLE,BATTERY NEGATIVE	1
20	T010025GT	FORMING,BATTERY HOLD DOWN (to S100HDD-249)	2
20B	1309964GT	FORMING,LOWER BATTERY HOLD (from S100HDD-250)	2
21	45708GT	HOOK-BATT HOLD DOWN 10"LG	4
21-	8170GT	NUT,WING,1/4-20	
22	18189GT	BOOT,BATTERY TERMINAL,RED	1
23	61318GT	BATTERY CABLE,POSITIVE DEUTZ Deutz models	1
23-	60930GT	CABLE,BATTERY POSITIVE Cummins models	
24	1303586GT	BATTERY, 12V, 1000 CCA, 210 AH, VRLA (to S100HDD-249)	1
24B	1310699GT	BATTERY,APU,12V,210AH (from S100HDD-250)	1
25	60708GT	WELDMENT,BATTERY TRAY (to S100HDD-249)	1
25B	1310704GT	WELDMENT,BATTERY TRAY,SBOOM (from S100HDD-250)	1
26	42941GT	HOSE,3/8",FUEL,30R7	115
27	21465GT	CLAMP,HOSE,.25" - .63" X .3125	1
28	13002GT	SCREW, HHC, 5/16-18 x 1 GR5	
29	5397GT	WASHER, FLAT, .313	
30	6782GT	NUT, NYLOCK, 5/16-18	
31	60721GT	COOLANT,RECOVERY BOTTLE, 4 QT* including item 32	1
32	75121GT	CAP, COOLANT RET SYS(60721)	1
33	54380GT	SCREW,PHILLIPS,PHM,8-32 X .875	
34	75610GT	CIRCUIT BREAKER, 25 AMP	1
35	1306670GT	START BATTERY,12V 1000CCA	1
36	217023GT	SCREW, M8x16, GB5783 GRADE 8.8 Use only with Fullriver battery	4
37	231993GT	SPRING WASHER 8 GB93 Use only with Fullriver battery	4
38	235068GT	FLAT WASHER M8, GB/T96, HV140 ZN Use only with Fullriver battery	4

307.2 Batteries and Hydraulic Filters Installation, S-120HD



Item	*Part No.*	*Description*	*Qty.*
39	51147GT	BOOT,CABLE TERMINAL,LG,RED,2/0	1
40	75719GT	CABLE,GROUND,79" W/PIGTAIL	1
41	60940GT	HOLD DOWN,BATTERY,SMALL	1
42	4828GT	NUT, NYLOCK, 3/8-16	
43	6097GT	WASHER, FLAT, USS, 3/8", Y	
44	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
45	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL Deutz models	

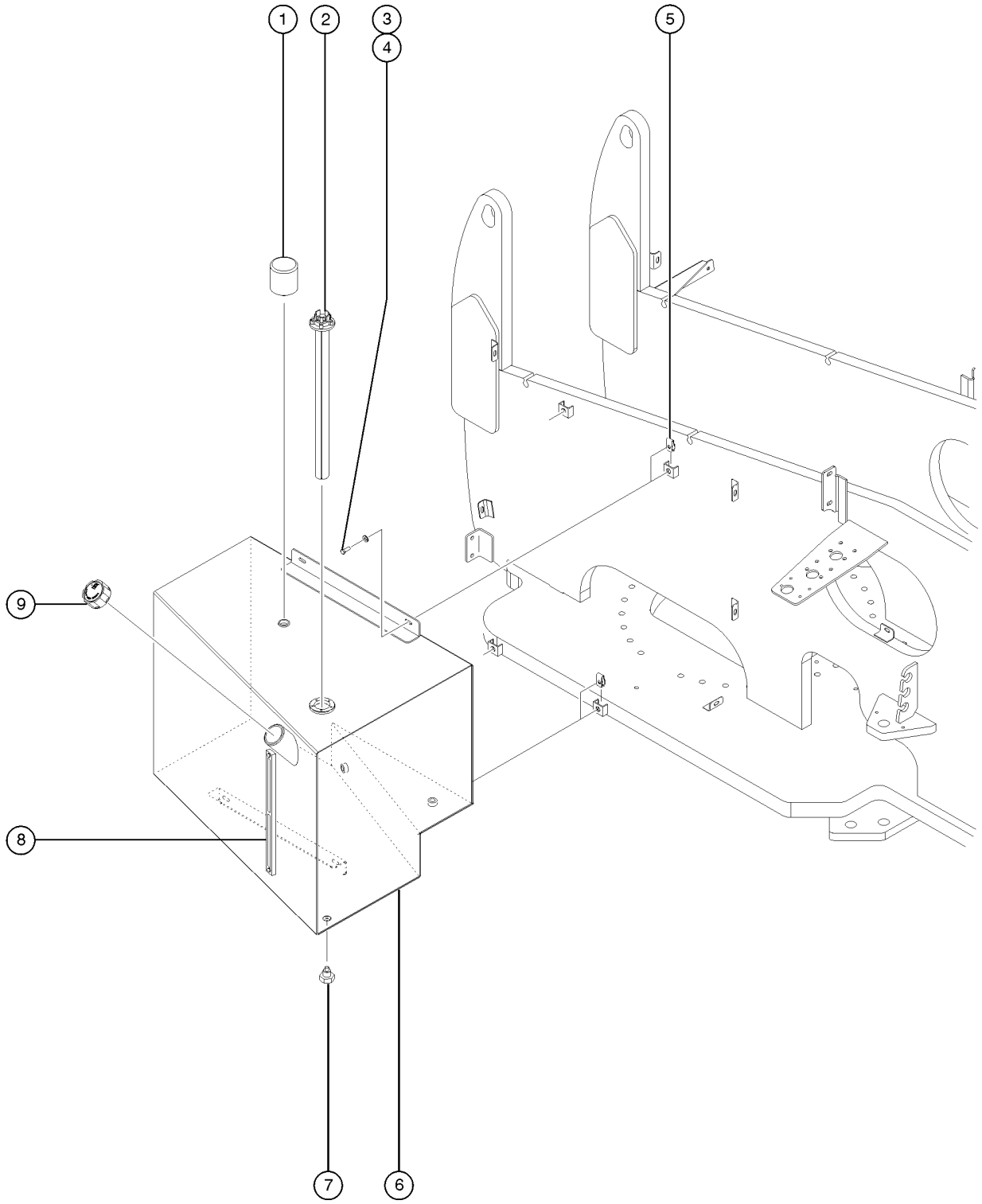
308.1 Fuel Tank Installation, S-100HD



308.1 Fuel Tank Installation, S-100HD

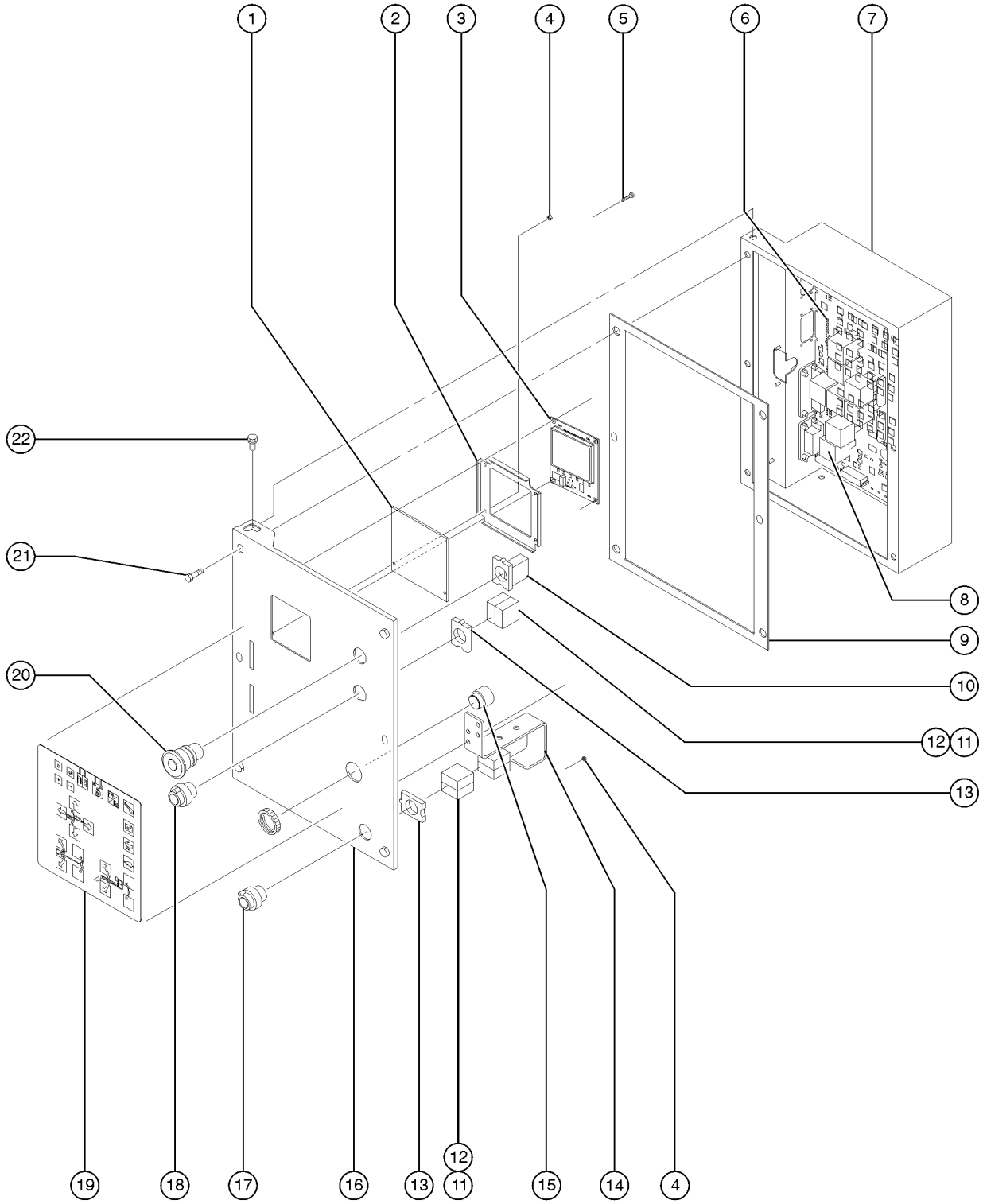
Item	*Part No.*	*Description*	*Qty.*
1	60559GT	BREATHER,RESERVOIR 3 MICRON***	1
2	60890GT	SENDER,LOW FUEL INDICATOR	1
3	6175GT	SCREW,HHC,3/8-16 X 1	
4	5397GT	WASHER, FLAT, .313	
5	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
6	149019GT	ASSEMBLY,FUEL TANK,240L includes items 1-5, 7-9	1
6-	149020GT	WELDMENT,FUEL TANK,240L	1
7	149036GT	PLUG,PIPE,1"	1
8	226057GT	LIQUID LEVEL GAUGE; YWZ-450	1
9	149029GT	CAP,FUEL,DIESEL,NON-VENT	1

308.2 Fuel Tank Installation, S-120HD



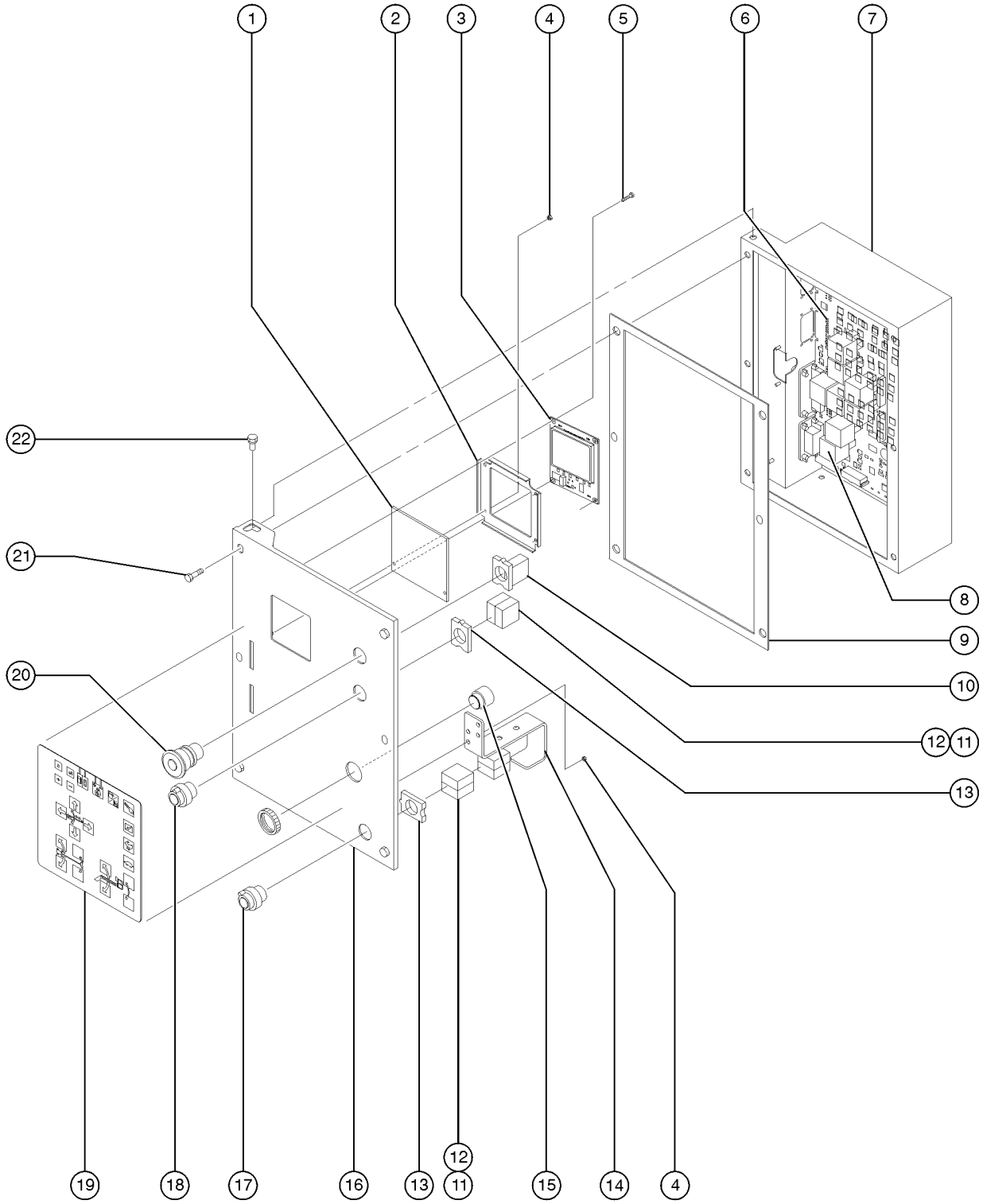
Item	*Part No.*	*Description*	*Qty.*
1	60559GT	BREATHER,RESERVOIR 3 MICRON***	1
2	60890GT	SENDER,LOW FUEL INDICATOR	1
3	6175GT	SCREW,HHC,3/8-16 X 1	
4	5397GT	WASHER, FLAT, .313	
5	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	4
6	149019GT	ASSEMBLY,FUEL TANK,240L includes items 1-5, 7-9	1
6-	149020GT	WELDMENT,FUEL TANK,240L	1
7	149036GT	PLUG,PIPE,1"	1
8	226057GT	LIQUID LEVEL GAUGE; YWZ-450	1
9	149029GT	CAP,FUEL,DIESEL,NON-VENT	1

309.1 Ground Controls, S-100HD



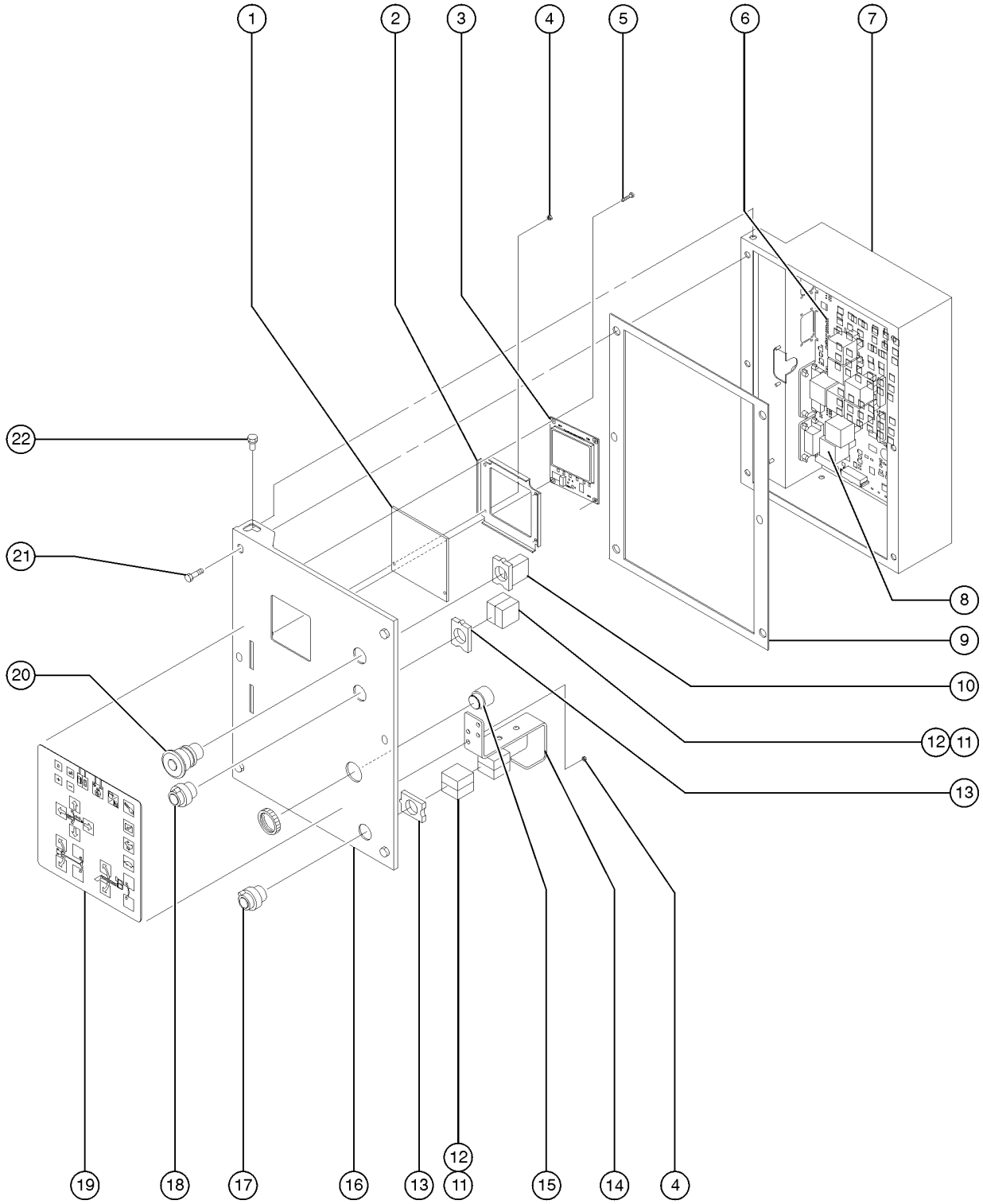
Item	Part No.	Description	Qty.
A-	1258460GT	CONTROL BOX ASSY,TCON PGMD	
B-	146191GT	HARNESS, TCON J2 LS 2009 S-120HD	
C-	146195GT	HARNESS, TCON J2 LS 2009 S-100HD	
D-	121657GT	FUSE HOLDER,ATC 1-20 AMPS	
E-	67505GT	FUSE,10 AMP,ATC	
F-	101888GT	HARNESS,TCON J5 POWER	
1	62374GT	LENS,LCD,GRND.CONTROL	1
2	62375GT	CLIP,LCD,GRND.CONTROL	1
3	62376GT	PCB.ASSY,LCD,GROUND,SUPERBOOM	1
4	12344GT	NUT,NYLOCK,6-32	
5	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
6	T109430GT	KIT,PCB,ASSY,ECM,SB TCON V3.12	
7	58593GT	BOX,EMPTY (122915) does not include items 9 or 16	
8	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	8
9	62378GT	GASKET,GROUND CNTRLS.SUPERBOOM	1
10	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10-	66818GT	CONTACT,NC	
10-	66821GT	BASE,WITHOUT CONTACTS	
11	66816GT	CONTACT,N.O.***	6
12	66818GT	CONTACT,NC	6
13	66821GT	BASE,WITHOUT CONTACTS	2
14	94524PGT	BRACKET,CONTACT CLAMP***	1
15	62379GT	ALARM,AUDIO,SUPERBOOM* without 62379 nut; order separately	1
15-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
16	T108870GT	COVER, CONTROL BOX, SB SERV	
17	122516GT	KIT,RECOVERY SVC LARGE BOOMS	1
17-	122366GT	KEYSWITCH,CONTACTS LOCK	
17-	88150GT	KEYSWITCH,3 POS.MOM.DR,W/KEY**	

309.1 Ground Controls, S-100HD



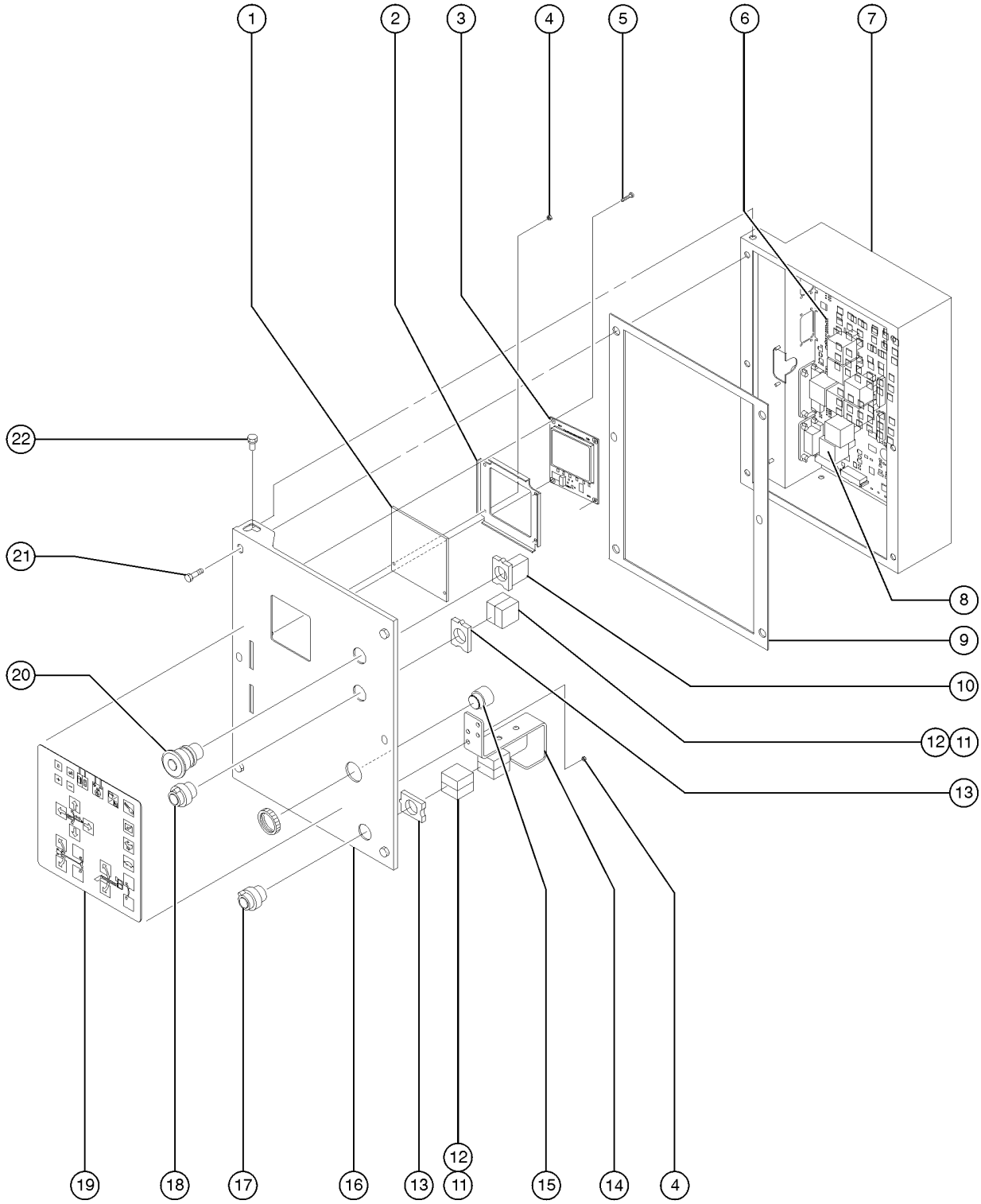
Item	*Part No.*	*Description*	*Qty.*
18	122517GT	KIT,KEYSWITCH SVC S100/120	1
18-	122366GT	KEYSWITCH,CONTACTS LOCK	
18-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base or contacts.	
19	50811GT	SWITCH,MEMBRANE,GROUND CONTROL	1
20	122519GT	KIT,ESTOP SVC LARGE BOOM	1
20-	66818GT	CONTACT,NC	
21	7339GT	SCREW,HHC,1/4-20 X .5	
22	88315GT	SCREW,SHS,1/4-20 X .25 ZINC SUPERSEDE; USE UNTIL EXHAUSTED	
22A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG REPLACES 88315	

309.2 Ground Controls, S-120HD



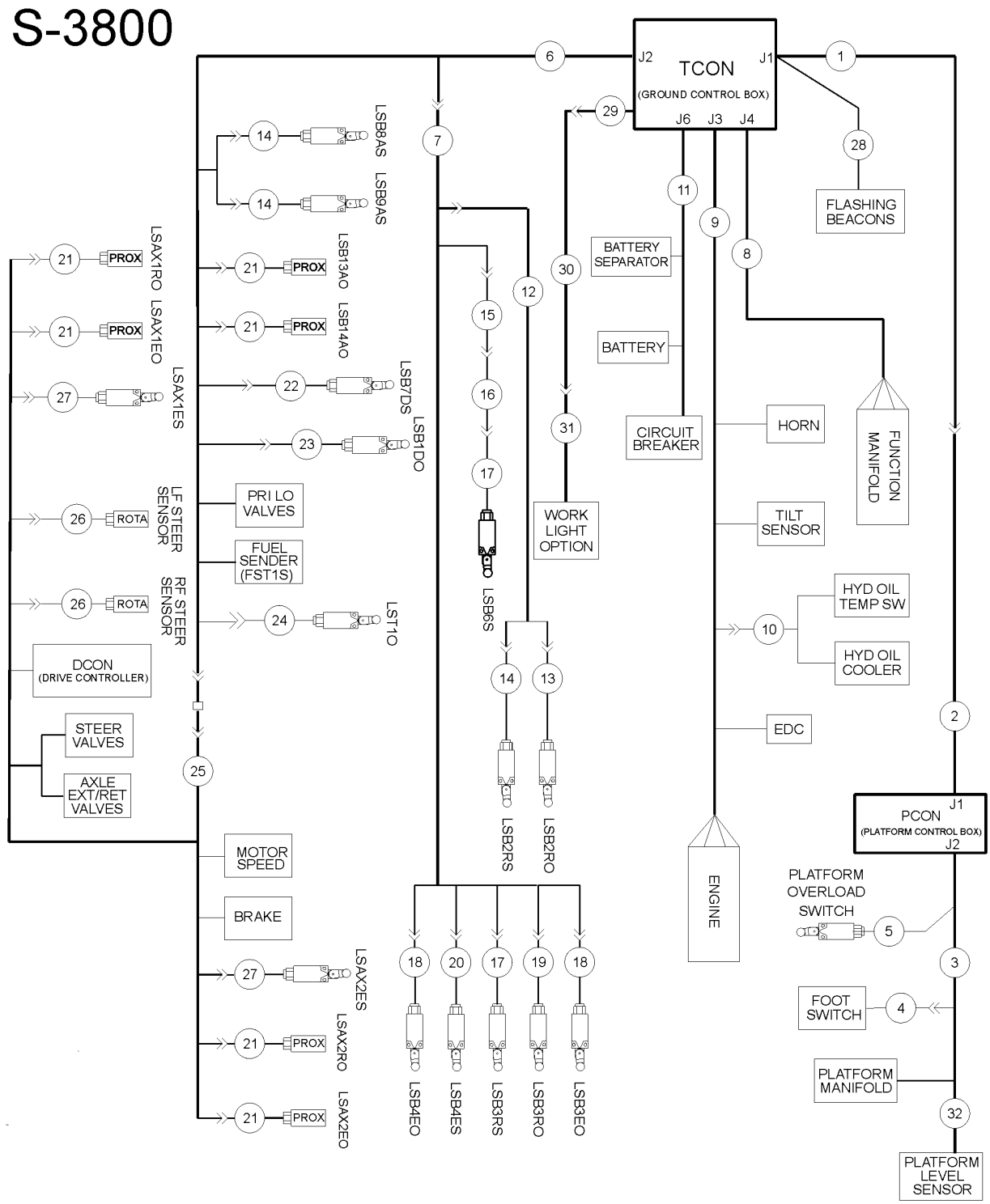
Item	Part No.	Description	Qty.
A-	1258460GT	CONTROL BOX ASSY,TCON PGMD	
B-	146191GT	HARNESS, TCON J2 LS 2009 S-120HD	
C-	146195GT	HARNESS, TCON J2 LS 2009 S-100HD	
D-	121657GT	FUSE HOLDER,ATC 1-20 AMPS	
E-	67505GT	FUSE,10 AMP,ATC	
F-	101888GT	HARNESS,TCON J5 POWER	
1	62374GT	LENS,LCD,GRND.CONTROL	1
2	62375GT	CLIP,LCD,GRND.CONTROL	1
3	62376GT	PCB.ASSY,LCD,GROUND,SUPERBOOM	1
4	12344GT	NUT,NYLOCK,6-32	
5	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
6	T109430GT	KIT,PCB,ASSY,ECM,SB TCON V3.12	
7	58593GT	BOX,EMPTY (122915) does not include items 9 or 16	
8	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**	8
9	62378GT	GASKET,GROUND CNTRLS.SUPERBOOM	1
10	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
10-	66818GT	CONTACT,NC	
10-	66821GT	BASE,WITHOUT CONTACTS	
11	66816GT	CONTACT,N.O.***	6
12	66818GT	CONTACT,NC	6
13	66821GT	BASE,WITHOUT CONTACTS	2
14	94524PGT	BRACKET,CONTACT CLAMP***	1
15	62379GT	ALARM,AUDIO,SUPERBOOM* without 62379 nut; order separately	1
15-	72326GT	NUT - PLASTIC, RING FOR ALARMS	
16	T108870GT	COVER, CONTROL BOX, SB SERV	
17	122516GT	KIT,RECOVERY SVC LARGE BOOMS	1
17-	122366GT	KEYSWITCH,CONTACTS LOCK	
17-	88150GT	KEYSWITCH,3 POS.MOM.DR,W/KEY**	

309.2 Ground Controls, S-120HD



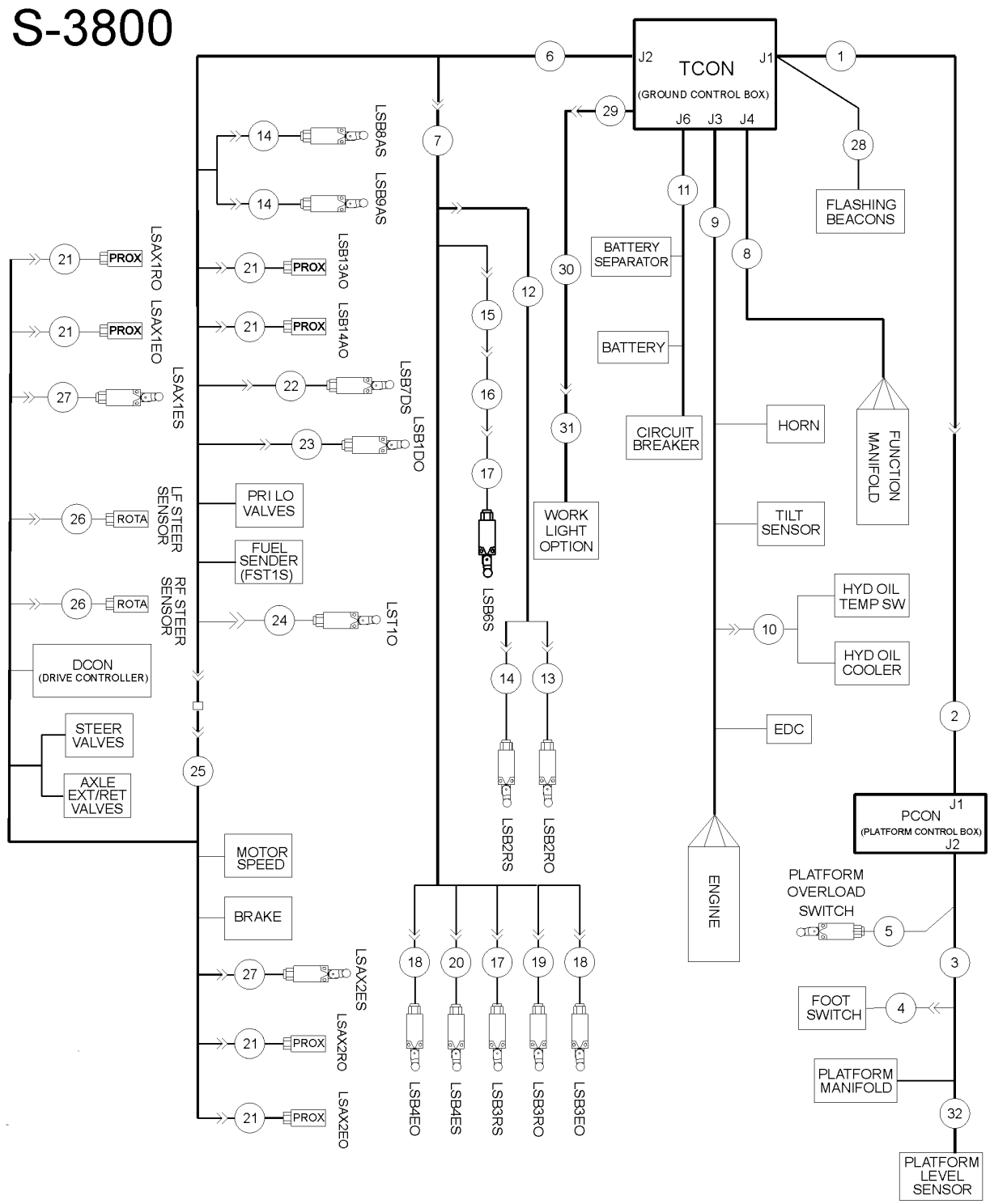
Item	*Part No.*	*Description*	*Qty.*
18	122517GT	KIT,KEYSWITCH SVC S100/120	1
18-	122366GT	KEYSWITCH,CONTACTS LOCK	
18-	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY** includes keyswitch and two keys, not included: base or contacts.	
19	50811GT	SWITCH,MEMBRANE,GROUND CONTROL	1
20	122519GT	KIT,ESTOP SVC LARGE BOOM	1
20-	66818GT	CONTACT,NC	
21	7339GT	SCREW,HHC,1/4-20 X .5	
22	88315GT	SCREW,SHS,1/4-20 X .25 ZINC REPLACES 88315	
22A	1263233GT	BOLT,SHS,5/16X.25X1/4-20,8,ZAG SUPERSEDE; USE UNTIL EXHAUSTED	

310.1 Wire Harness Diagram, S-120HD



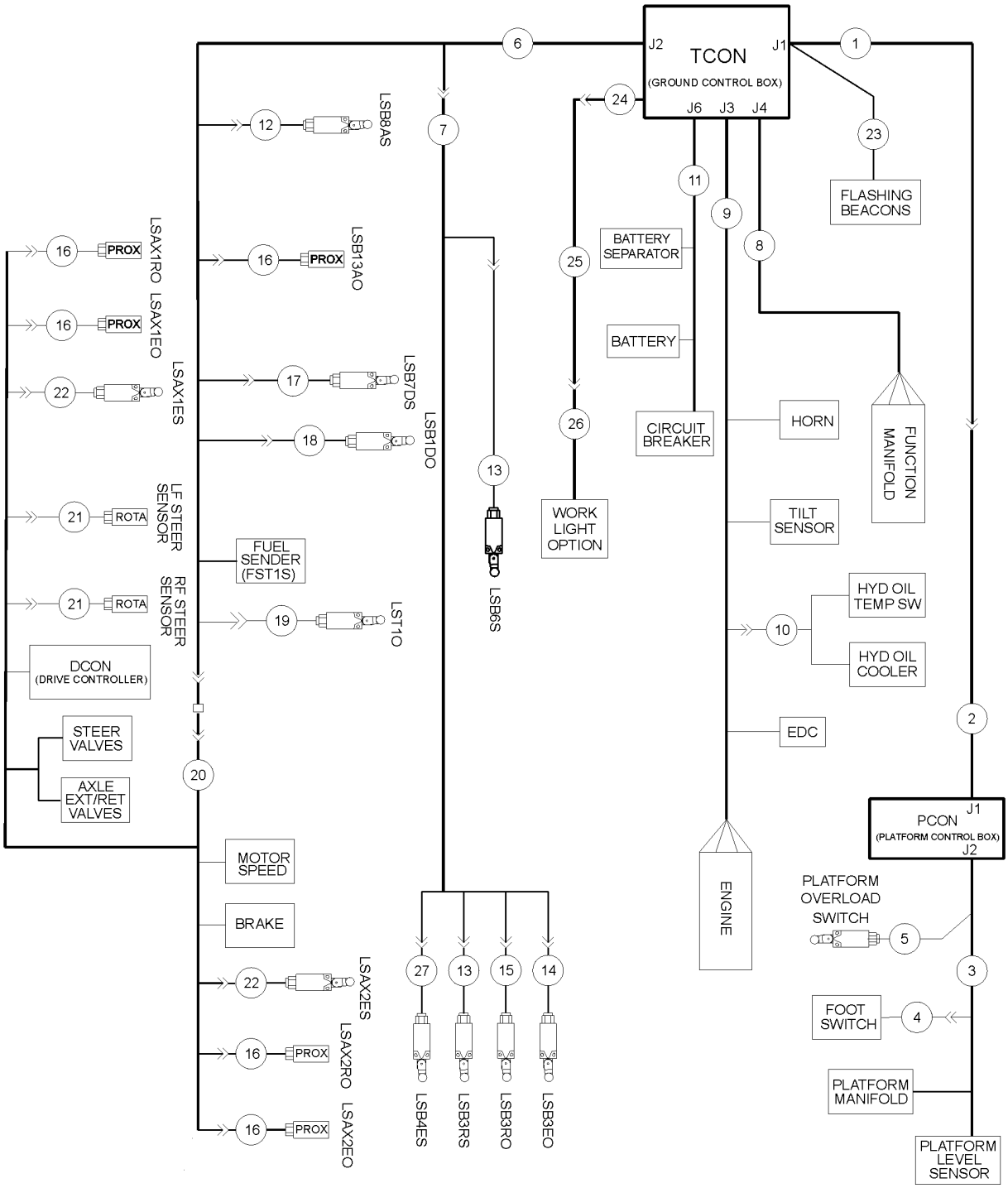
Item	Part No.	Description	Qty.
1	T106484GT	HARNESS, S36CC BOOM CABLE #1	
2	T106485GT	HARNESS,SHIPYARD BOOM CABLE #2	
3	60950GT	HARNESS,PCON J2,(MANIFOLD)	
4	T107004GT	FOOT SWITCH ASSY, HEAVY DUTY	
5	146399GT	ASSY, LS, LOAD SENSE, ALC1000	
6	146191GT	HARNESS, TCON J2 LS 2009	
7	T106487GT	HARNESS, S36CC J2 UPPER	
8	146193GT	HARNESS, TCON J4 MANIFOLD 2009	
9	122875GT	HARN,ENGINE T3,DEUTZ BF4L2011	
9-	122877GT	HARNESS,CUMMINS ENGINE T3	
10	T106491GT	HARNESS, SHIPYARD OIL COOLER	
11	101888GT	HARNESS,TCON J5 POWER	
12	T106488GT	HARNESS, S36CC J2 UPPER EXT #1	
13	75769GT	LIMIT SWITCH, OPERATION,LSB2RO	1
14	146198GT	LIMIT SWITCH,SAFETY	3
15	T106489GT	HARNESS, S36CC J2 UPPER EXT #2	
16	T106490GT	HARNESS, S36CC J2 UPPER EXT #3	
17	75031GT	LIMIT SWITCH,SAFETY	2
18	89110GT	LIMIT SWITCH,OPERATIONAL	2
19	89109GT	LIMIT SWITCH,OPERATIONAL	1
20	146199GT	LIMIT SWITCH,SAFETY	1
21	60987GT	SWITCH,LIMIT,PROX(OPERATIONAL)	6
22	75032GT	LIMIT SWITCH,SAFETY	1
23	75033GT	LIMIT SWITCH,OPERATIONAL	1
24	75037GT	LIMIT SWITCH,OPERATIONAL	1
25	102705GT	HARNESS,DRIVE,2WS,SB	1
26	107830GT	SUBASSY,STEER SENSOR***	2
27	75036GT	LIMIT SWITCH,SAFETY	2

310.1 Wire Harness Diagram, S-120HD



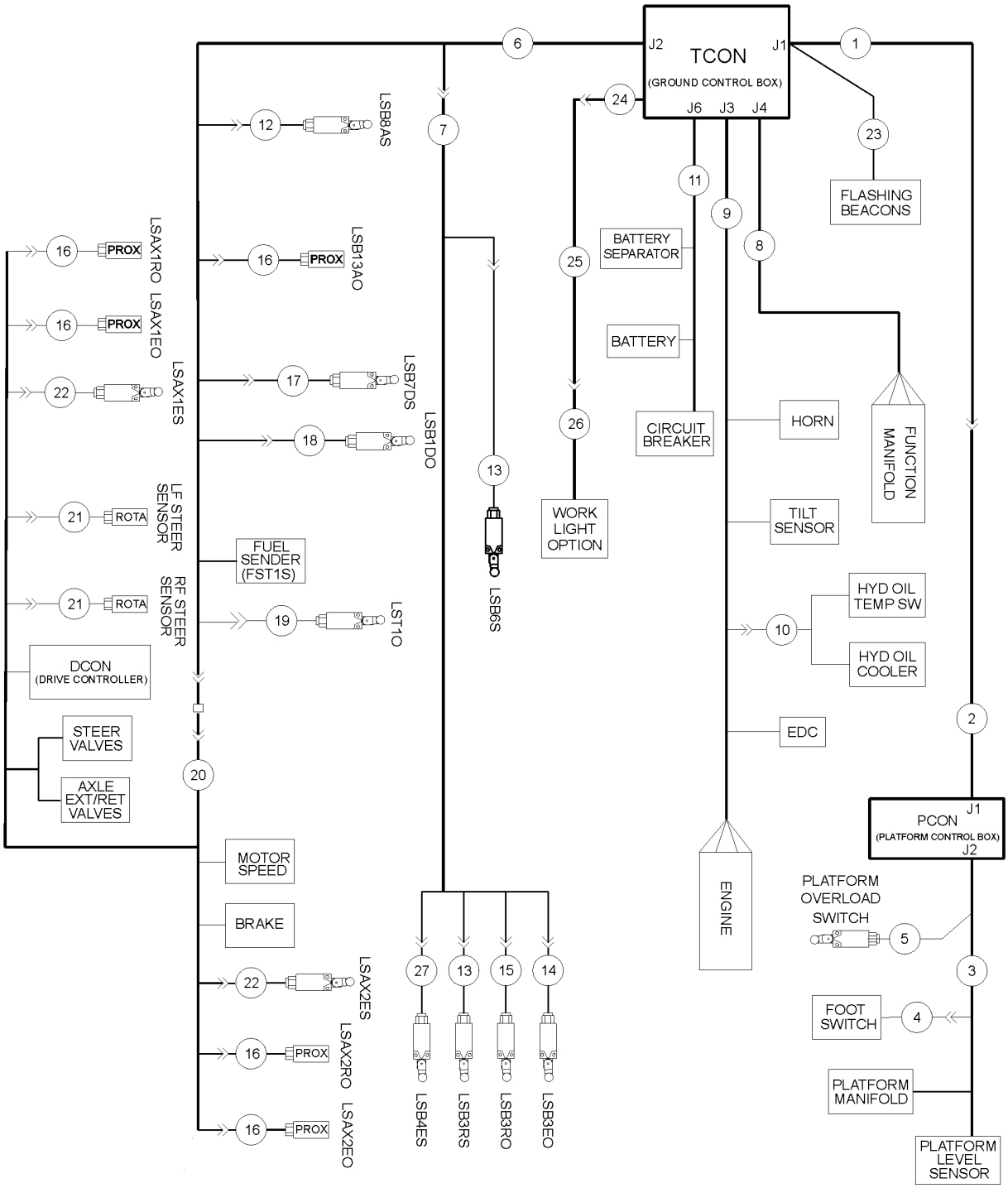
Item	*Part No.*	*Description*	*Qty.*
28	75641GT	HARNESS,FLASH BEACON SUB ASSY	1
29	75527GT	HARNESS,WORKLIGHT OPT	1
30	149124GT	HARNESS,BOOM,WORK LIGHT 12V	1
31	149123GT	HARNESS,PLAT,WORK LIGHT, 12V	1
32	1274045GT	HARNESS, JUMPER, SB PLAT LVL	1

311.1 Wire Harness Diagram, S-100HD



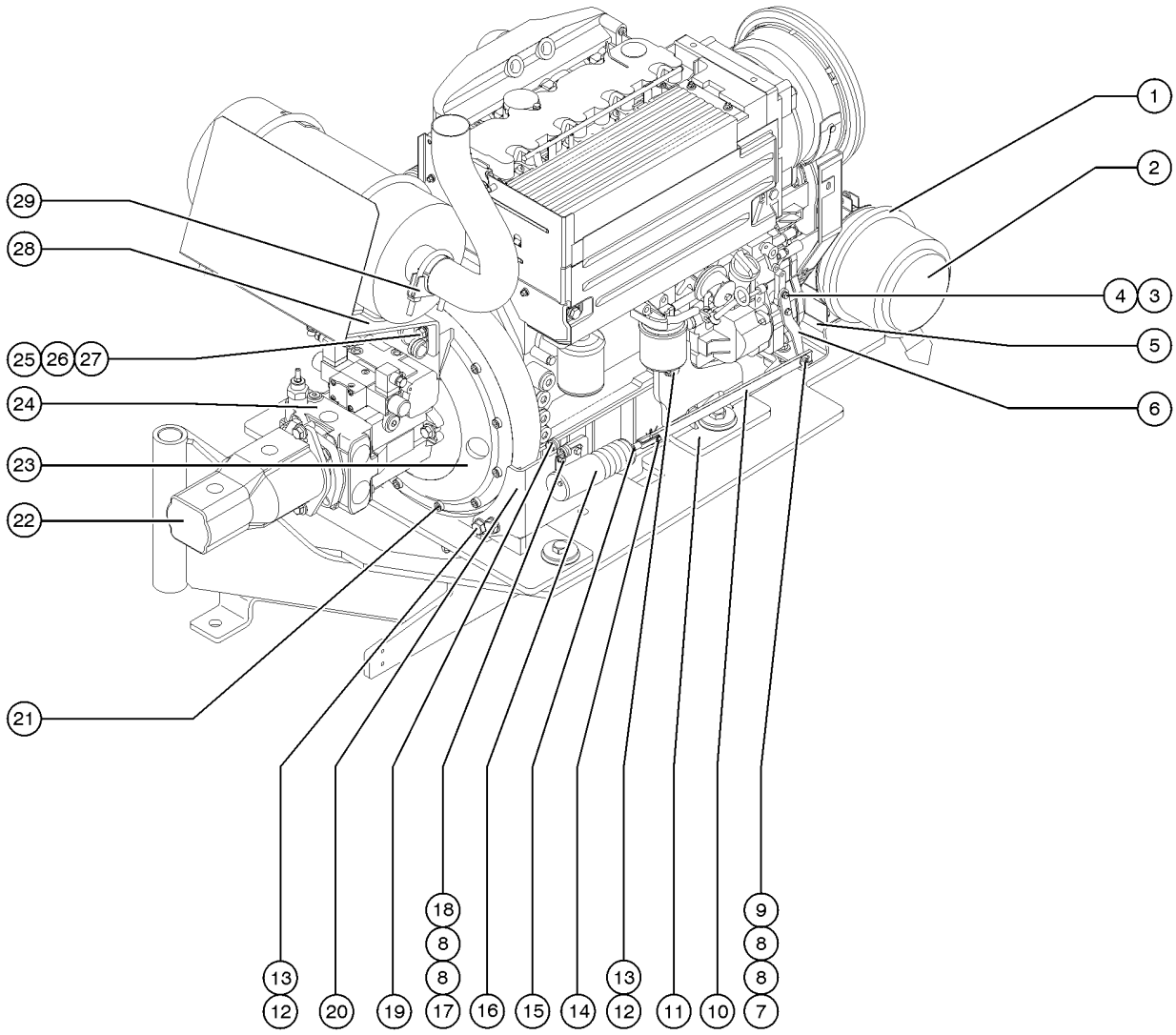
Item	Part No.	Description	Qty.
1	T106483GT	HARNESS, S30CC BOOM CABLE #1	
1B	1294297GT	INSTRUCTION,SPLICE PROCEDURE	
1B	101186GT	JOINT COMPOUND	
2	T106485GT	HARNESS,SHIPYARD BOOM CABLE #2	
3	60950GT	HARNESS,PCON J2,(MANIFOLD)	
4	T107004GT	FOOT SWITCH ASSY, HEAVY DUTY	
5	146399GT	ASSY, LS, LOAD SENSE, ALC1000	
6	146195GT	HARNESS, TCON J2 LS 2009	
7	T106486GT	HARNESS, S30CC J2 UPPER	
8	146193GT	HARNESS, TCON J4 MANIFOLD 2009	
9	122875GT	HARN,ENGINE T3,DEUTZ BF4L2011	
9-	122877GT	HARNESS,CUMMINS ENGINE T3	
10	T106491GT	HARNESS, SHIPYARD OIL COOLER	
11	101888GT	HARNESS,TCON J5 POWER	
12	146198GT	LIMIT SWITCH,SAFETY	1
13	75031GT	LIMIT SWITCH,SAFETY	2
14	89110GT	LIMIT SWITCH,OPERATIONAL	1
15	89109GT	LIMIT SWITCH,OPERATIONAL	1
16	60987GT	SWITCH,LIMIT,PROX(OPERATIONAL)	5
17	75032GT	LIMIT SWITCH,SAFETY	1
18	75033GT	LIMIT SWITCH,OPERATIONAL	1
19	75037GT	LIMIT SWITCH,OPERATIONAL	1
20	102705GT	HARNESS,DRIVE,2WS,SB	
21	107830GT	SUBASSY,STEER SENSOR***	2
22	75036GT	LIMIT SWITCH,SAFETY	2
23	75641GT	HARNESS,FLASH BEACON SUB ASSY	1
24	75527GT	HARNESS,WORKLIGHT OPT	1
25	149124GT	HARNESS,BOOM,WORK LIGHT 12V	1

311.1 Wire Harness Diagram, S-100HD



Item	*Part No.*	*Description*	*Qty.*
26	149123GT	HARNESS,PLAT,WORK LIGHT, 12V	1
27	146199GT	LIMIT SWITCH,SAFETY	1

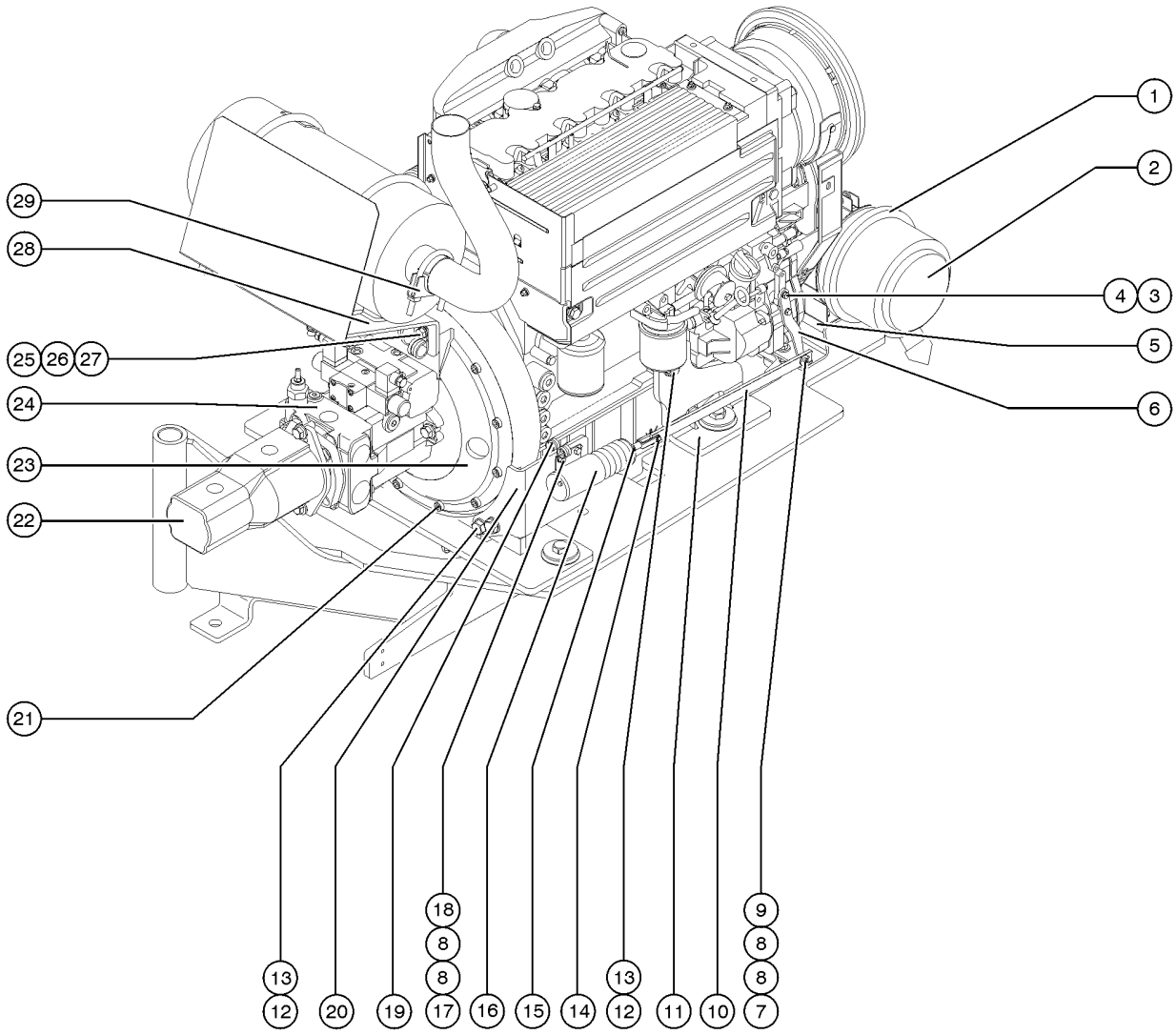
401.1 Deutz TD2011-L04i Engine - View 1, S-100HD



401.1 Deutz TD2011-L04i Engine - View 1, S-100HD

Item	Part No.	Description	Qty.
-	122875GT	HARN,ENGINE T3,DEUTZ BF4L2011	
-	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL	
1	81468GT	MOUNTING BAND,AIR CLEANER	1
2	81467GT	AIR CLEANER,NELSON	1
2-	62425GT	FILTER,AIR CLEANER, SUPERBOOM	
3	22578GT	SCREW, HHC, M6 x 20MM, GR8.8	
4	49407GT	WASHER,LOCK,M6	
5	102209PGT	FORMING,AIR CLEANER MOUNT PNTD	1
6	50787-SGT	LEVER, GOVERNOR ACTUATOR	1
7	6584GT	SCREW,SHS,10-24 X .625	
8	6638GT	WASHER,FLAT, USS, 1/4"Y	
9	5365GT	NUT, NYLOCK, 10-24	
10	139322GT	THROTTLE LINKAGE, DSL	
11	70439PGT	FORMING,ENGINE MOUNT PAINTED	1
12	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
13	49411GT	WASHER,FLAT,M14	
14	21130GT	CLEVIS YOKE 1/4-28, PLATED	1
15	21496GT	NUT,HEX,1/4-28	
16	101957GT	SOLENOID,THROTTLE,ASSY.TROMB	1
17	6888GT	SCREW, HHC, 1/4-20 X 1	
18	6091GT	NUT, NYLOCK, 1/4-20	
19	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	2
20	139321GT	FORMING, SOLENOID MOUNT	
21	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	9
22		Ref. Function Pump (refer to 707.1)	
23	128004GT	COUPLER, 15 TOOTH, FBA, SAE 8	
24		Ref. Drive Pump (refer to 707.1)	
25	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	

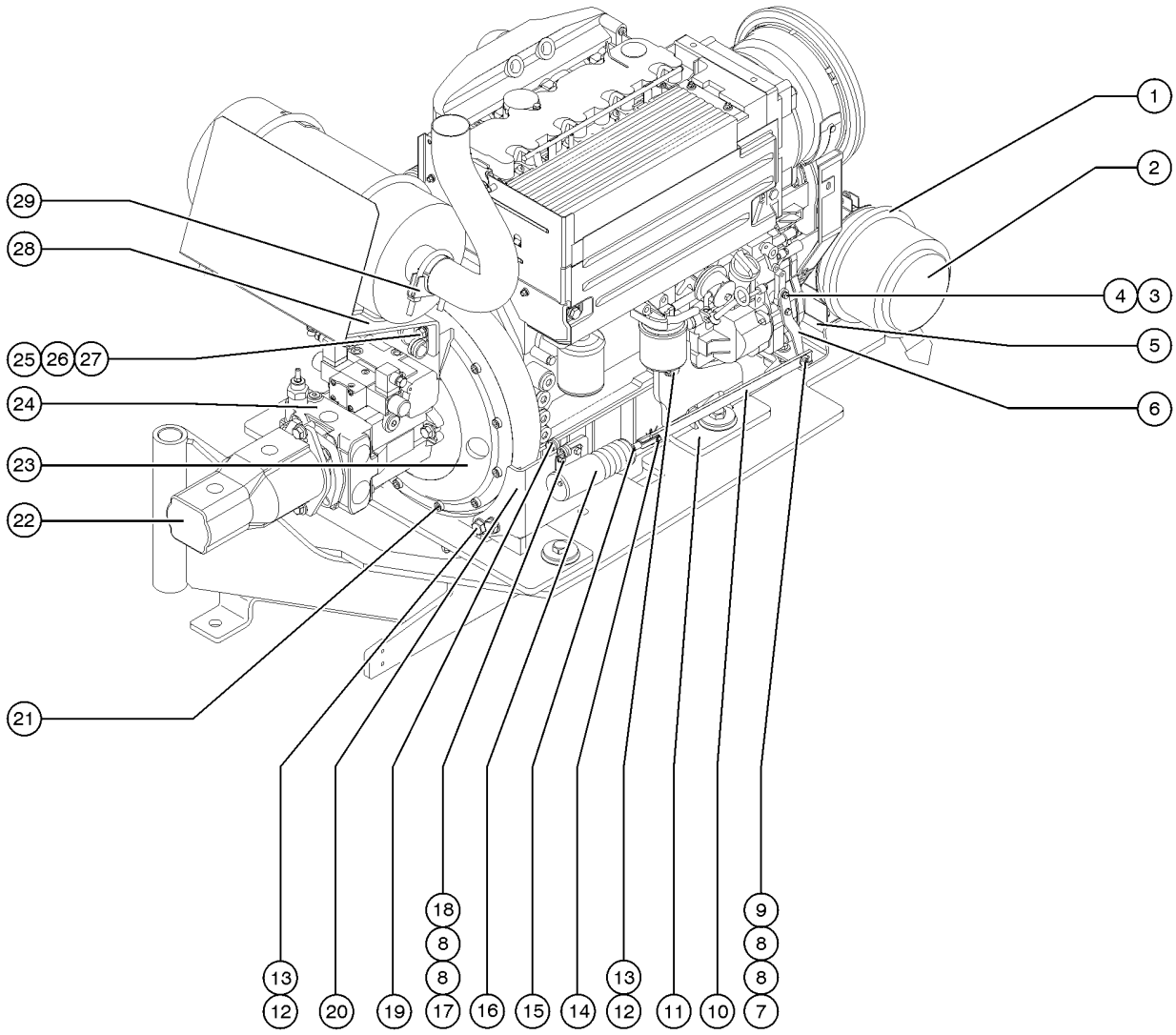
401.1 Deutz TD2011-L04i Engine - View 1, S-100HD



401.1 Deutz TD2011-L04i Engine - View 1, S-100HD

Item	*Part No.*	*Description*	*Qty.*
26	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
27	60838GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	1
28	70448PGT	FORMING,MUFFLER MOUNT	1
29	71911GT	CLAMP,MUFFLER, 2.50 INCH	2

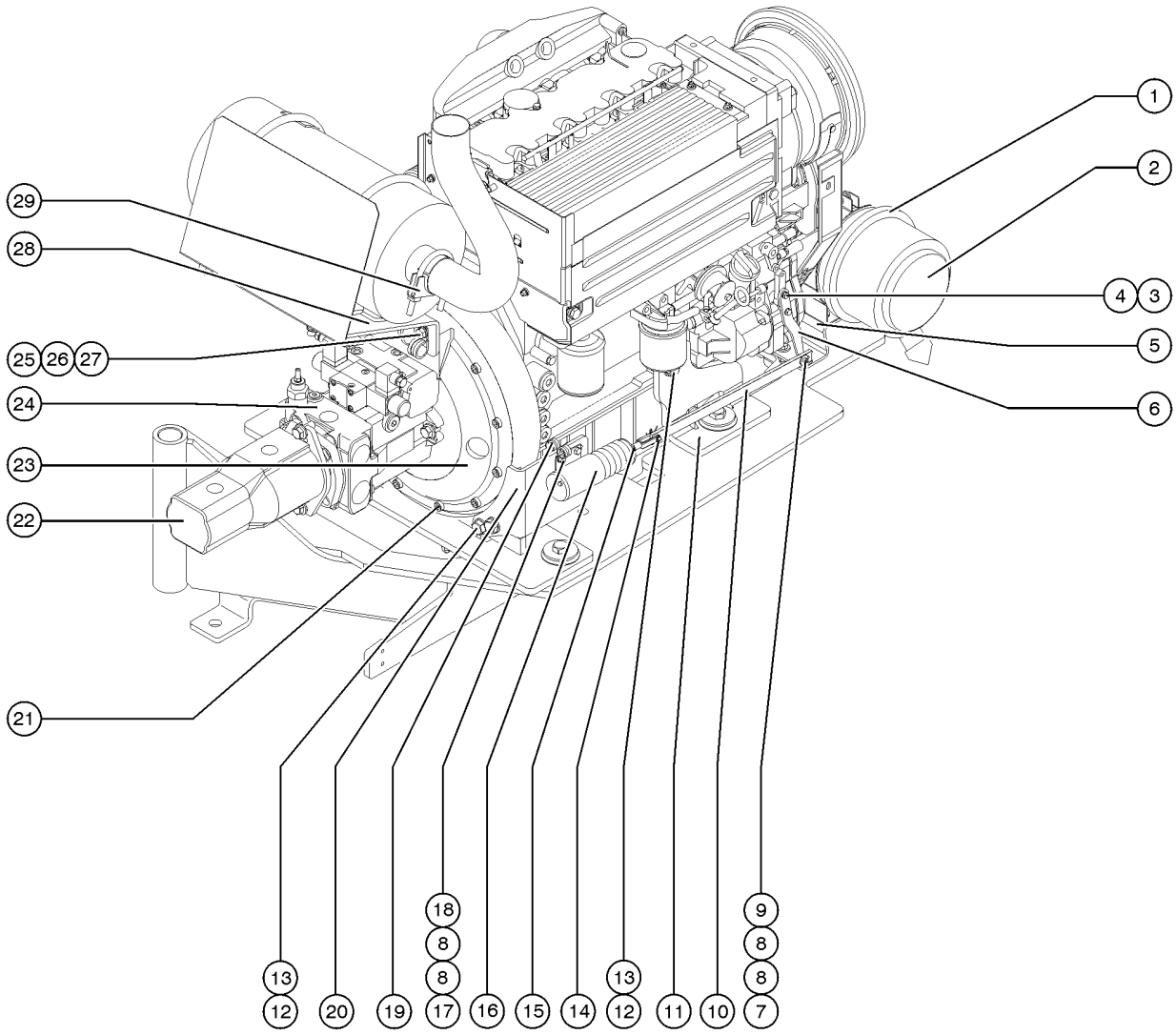
401.2 Deutz TD2011-L04i Engine - View 1, S-120HD



401.2 Deutz TD2011-L04i Engine - View 1, S-120HD

Item	Part No.	Description	Qty.
-	122875GT	HARN,ENGINE T3,DEUTZ BF4L2011	
-	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL	
1	81468GT	MOUNTING BAND,AIR CLEANER	1
2	81467GT	AIR CLEANER,NELSON	1
2-	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467	
2-	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467	
2-	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467	
2-	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467	
3	22578GT	SCREW, HHC, M6 x 20MM, GR8.8	
4	49407GT	WASHER,LOCK,M6	
5	102209PGT	FORMING,AIR CLEANER MOUNT PNTD	1
6	50787-SGT	LEVER, GOVERNOR ACTUATOR	1
7	6584GT	SCREW,SHS,10-24 X .625	
8	6638GT	WASHER,FLAT, USS, 1/4"Y	
9	5365GT	NUT, NYLOCK, 10-24	
10	139322GT	THROTTLE LINKAGE, DSL	
11	70439PGT	FORMING,ENGINE MOUNT PAINTED	1
12	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
13	49411GT	WASHER,FLAT,M14	
14	21130GT	CLEVIS YOKE 1/4-28, PLATED	1
15	21496GT	NUT,HEX,1/4-28	
16	101957GT	SOLENOID,THROTTLE,ASSY.TROMB	1
17	6888GT	SCREW, HHC, 1/4-20 X 1	
18	6091GT	NUT, NYLOCK, 1/4-20	
19	16073GT	CLAMP,0.63,#10 X 1/4,RUB CUSH	2
20	139321GT	FORMING, SOLENOID MOUNT	
21	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	9
22		Ref. Function Pump (refer to 707.1)	

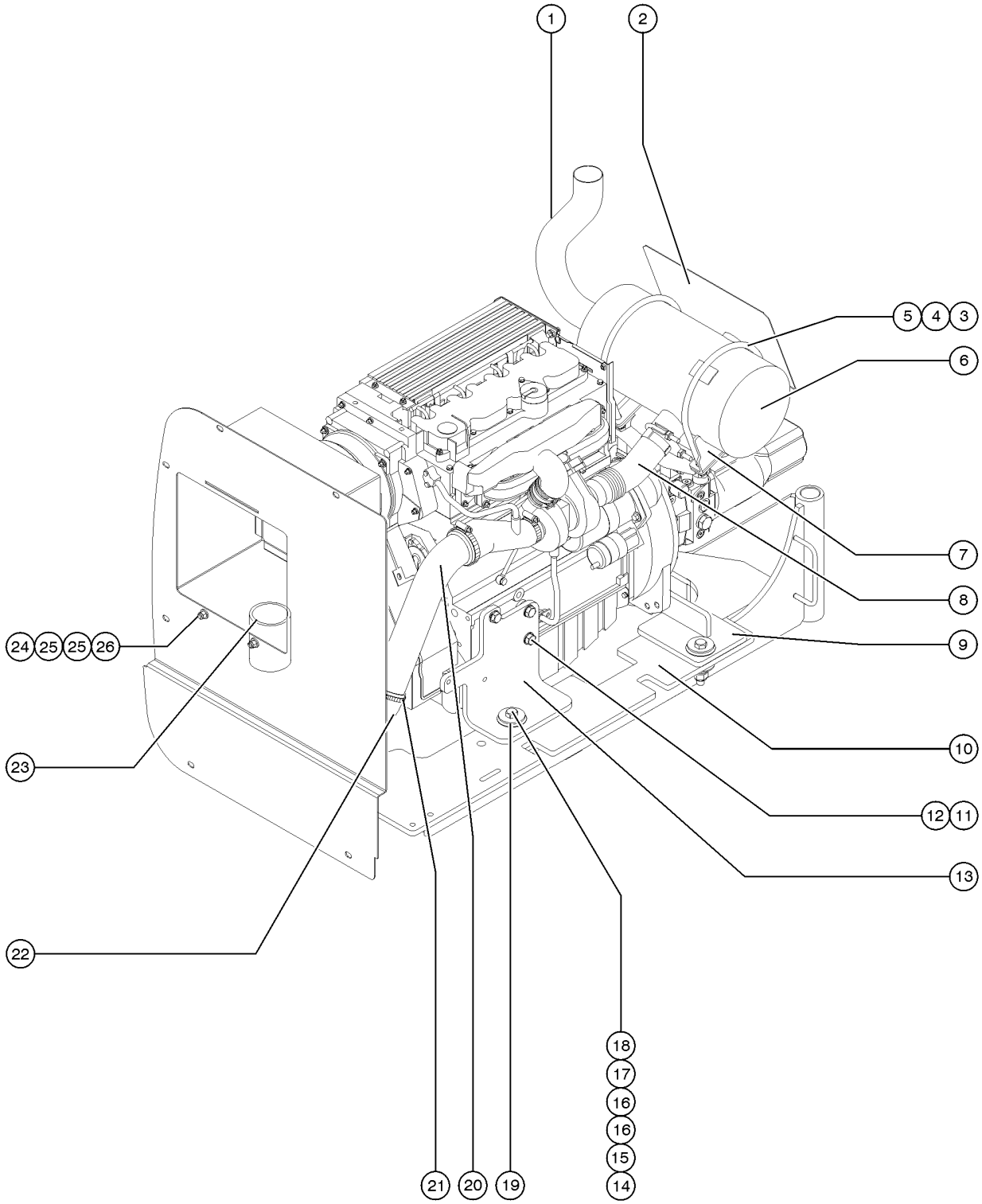
401.2 Deutz TD2011-L04i Engine - View 1, S-120HD



401.2 Deutz TD2011-L04i Engine - View 1, S-120HD

Item	*Part No.*	*Description*	*Qty.*
23	128004GT	COUPLER, 15 TOOTH, FBA, SAE 8	
24		Ref. Drive Pump (refer to 707.1)	
25	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8	
26	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
27	60838GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	1
28	70448PGT	FORMING,MUFFLER MOUNT	1
29	71911GT	CLAMP,MUFFLER, 2.50 INCH	2

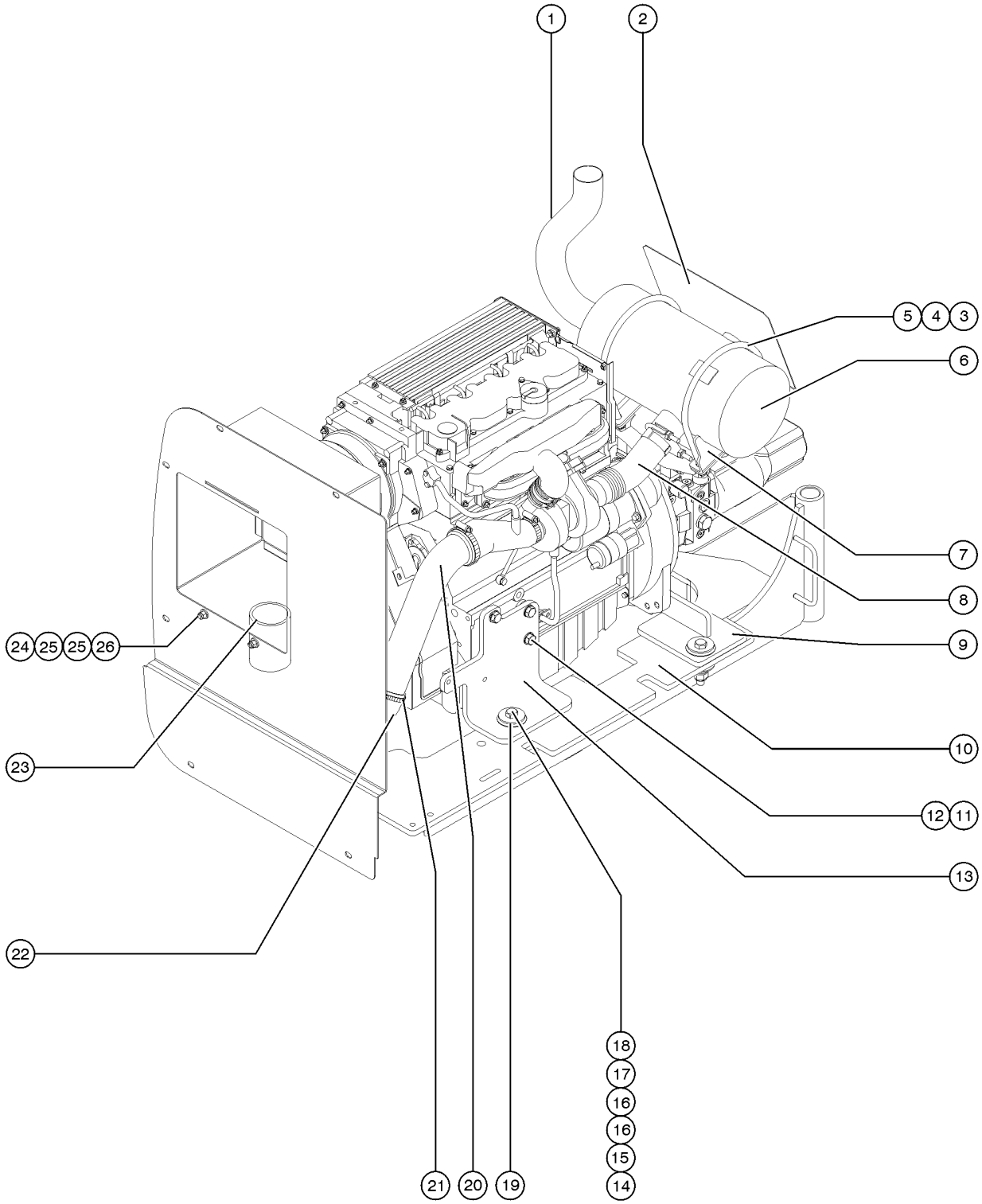
402.1 Deutz TD2011-L04i Engine - View 2, S-100HD



402.1 Deutz TD2011-L04i Engine - View 2, S-100HD

Item	Part No.	Description	Qty.
-	139983GT	EXHAUST PIPE GASKET	
1	70447GT	TAIL PIPE,DEUTZ	1
2	102237PGT	FORMING,HEAT SHIELD,MUFFLER	1
3	70449GT	U-BOLT, 1/2-13 X 8.75 X 10.38	
4	13066GT	WASHER,FLAT,.5 HARDENED	
5	66777GT	NUT,TOP LOCK,1/2-13	
6	70444GT	MUFFLER,2.5"INLET/OUTLET	1
6-	101634GT	MUFFLER,CATALYTIC,2.5 I/O (option)	
7	70483GT	FORMING, 8.5 MUFFLER MOUNT	2
8	70445GT	FLEX PIPE,EXHAUST,2.5" DIA	1
8B	71911GT	CLAMP,MUFFLER, 2.50 INCH	
8B	139983GT	EXHAUST PIPE GASKET	
9	70440GT	WELDMENT,REAR ENGINE MOUNT	1
10		Ref. Engine Tray (refer to 406.1)	
11	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
12	49411GT	WASHER,FLAT,M14	
13	70438PGT	FORMING,ENGINE MOUNT PAINTED	1
14	13003GT	SCREW, HHC, 5/8-11 x 3.5 GRD. 8	4
15	33418GT	WASHER, FLAT, .645 X 2.25 X .15	4
16	18596GT	WASHER, FLAT, 1.56 X 2.5 X .061	8
17	13064GT	WASHER, FLAT, .625 HARDENED	4
18	6024GT	NUT, NYLOCK, 5/8-11	4
19	102045GT	ISOLATOR, ENGINE VIBRATION	4
20	102208GT	TUBE,AIR INTAKE,DEUTZ	1
21	30489GT	CLAMP, HOSE, 3.50"	3
22	139455GT	ELBOW, AIR INTAKE, RUBBER	1
23	106211-475GT	HOSE,RUBBER 3"ID X .25 BLACK	1
24	4828GT	NUT, NYLOCK, 3/8-16	

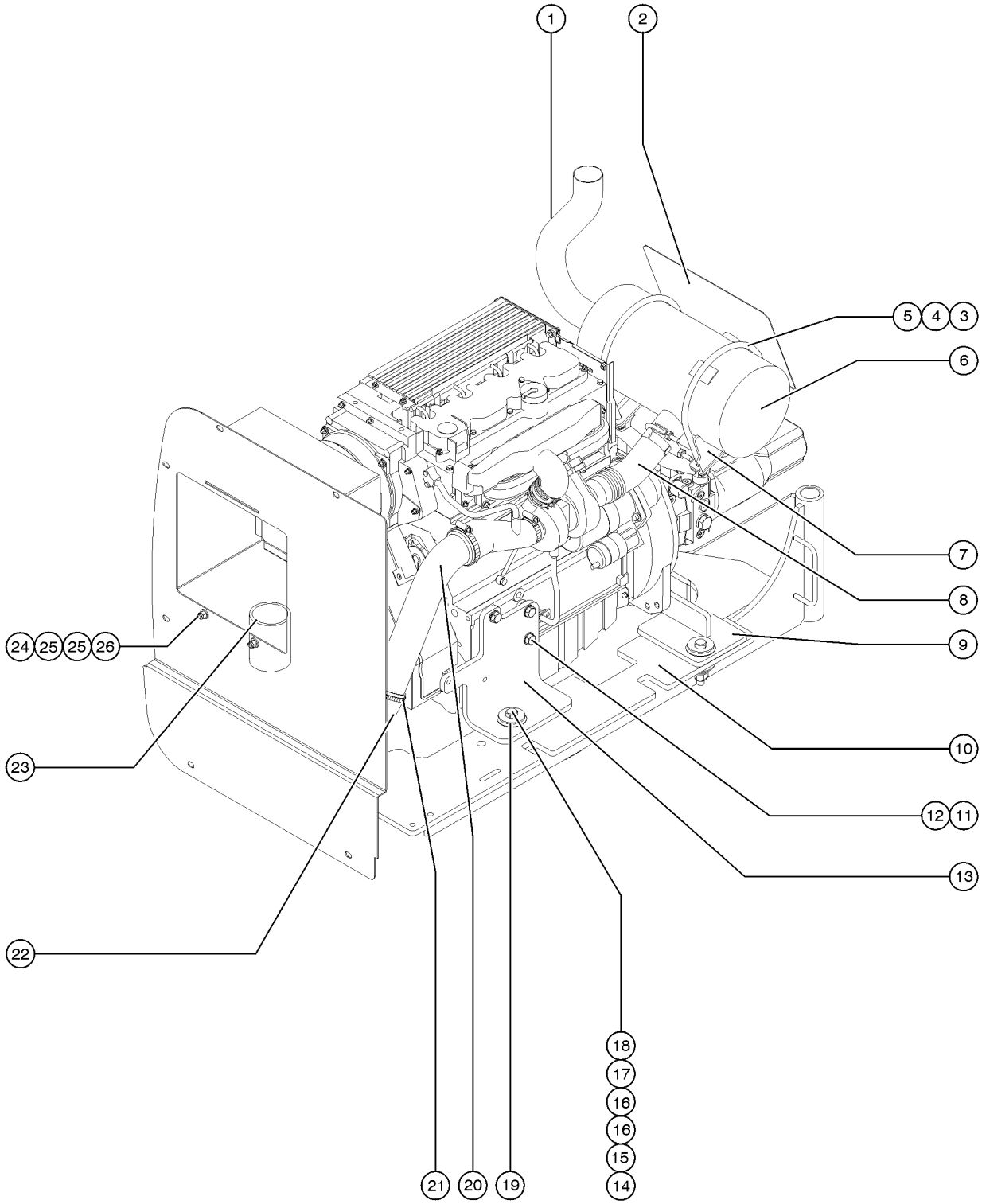
402.1 Deutz TD2011-L04i Engine - View 2, S-100HD



402.1 Deutz TD2011-L04i Engine - View 2, S-100HD

Item	*Part No.*	*Description*	*Qty.*
25	5397GT	WASHER, FLAT, .313	
26	6175GT	SCREW,HHC,3/8-16 X 1	

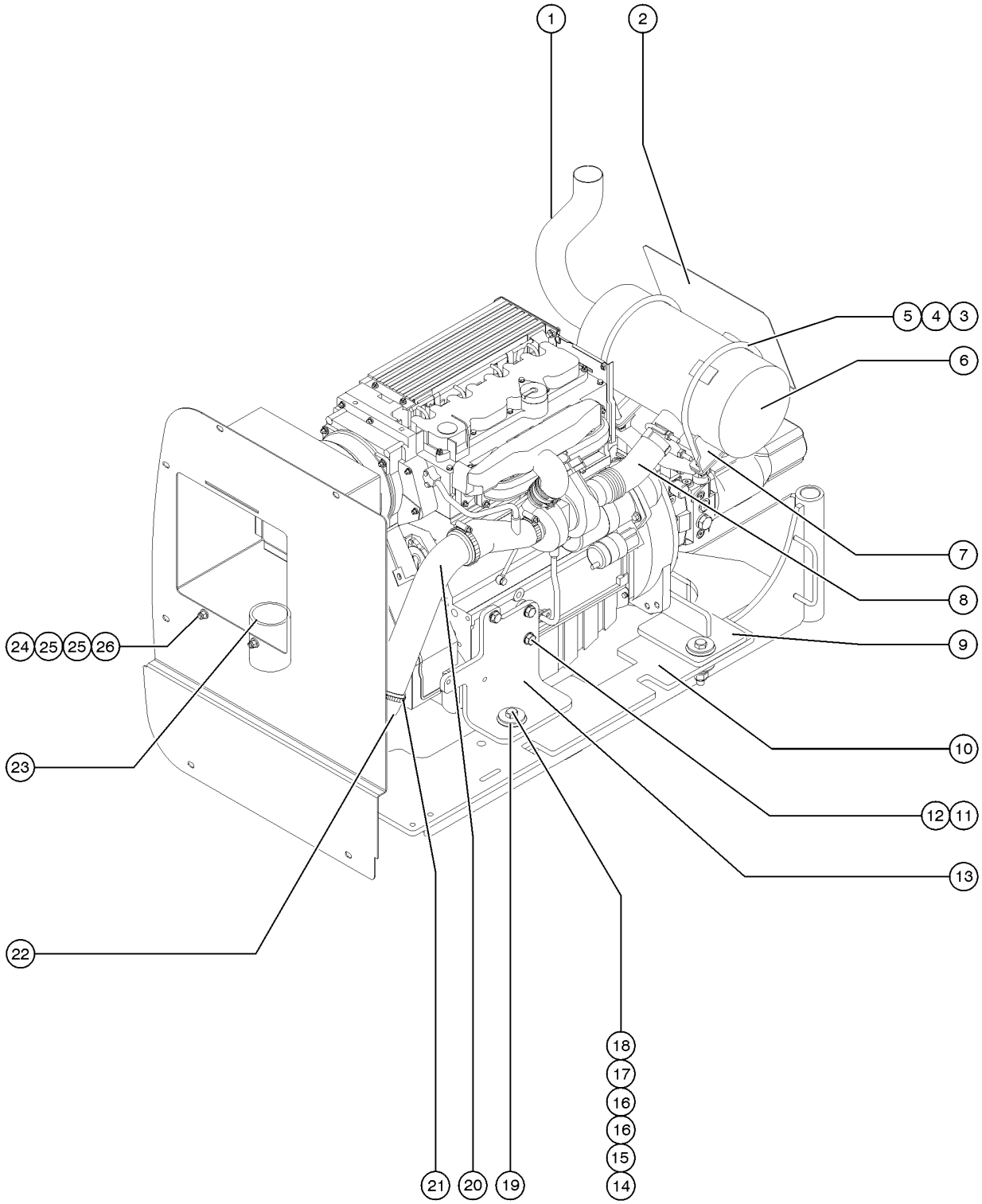
402.2 Deutz TD2011-L04i Engine - View 2, S-120HD



402.2 Deutz TD2011-L04i Engine - View 2, S-120HD

Item	Part No.	Description	Qty.
-	139983GT	EXHAUST PIPE GASKET	
1	70447GT	TAIL PIPE,DEUTZ	1
2	102237PGT	FORMING,HEAT SHIELD,MUFFLER	1
3	70449GT	U-BOLT, 1/2-13 X 8.75 X 10.38	
4	13066GT	WASHER,FLAT,.5 HARDENED	
5	66777GT	NUT,TOP LOCK,1/2-13	
6	70444GT	MUFFLER,2.5"INLET/OUTLET	1
6-	101634GT	MUFFLER,CATALYTIC,2.5 I/O (option)	
7	70483GT	FORMING, 8.5 MUFFLER MOUNT	2
8	70445GT	FLEX PIPE,EXHAUST,2.5" DIA	1
8B	71911GT	CLAMP,MUFFLER, 2.50 INCH	
8B	139983GT	EXHAUST PIPE GASKET	
9	70440GT	WELDMENT,REAR ENGINE MOUNT	1
10		Ref. ENGINE TRAY (refer to 406.1)	
11	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8	
12	49411GT	WASHER,FLAT,M14	
13	70438PGT	FORMING,ENGINE MOUNT PAINTED	1
14	13003GT	SCREW, HHC, 5/8-11 x 3.5 GRD. 8	4
15	33418GT	WASHER, FLAT, .645 X 2.25 X .15	4
16	18596GT	WASHER, FLAT, 1.56 X 2.5 X .061	8
17	13064GT	WASHER, FLAT, .625 HARDENED	4
18	6024GT	NUT, NYLOCK, 5/8-11	4
19	102045GT	ISOLATOR, ENGINE VIBRATION	4
20	102208GT	TUBE,AIR INTAKE,DEUTZ	1
21	30489GT	CLAMP, HOSE, 3.50"	3
22	139455GT	ELBOW, AIR INTAKE, RUBBER	1
23	106211-475GT	HOSE,RUBBER 3"ID X .25 BLACK	1
24	4828GT	NUT, NYLOCK, 3/8-16	

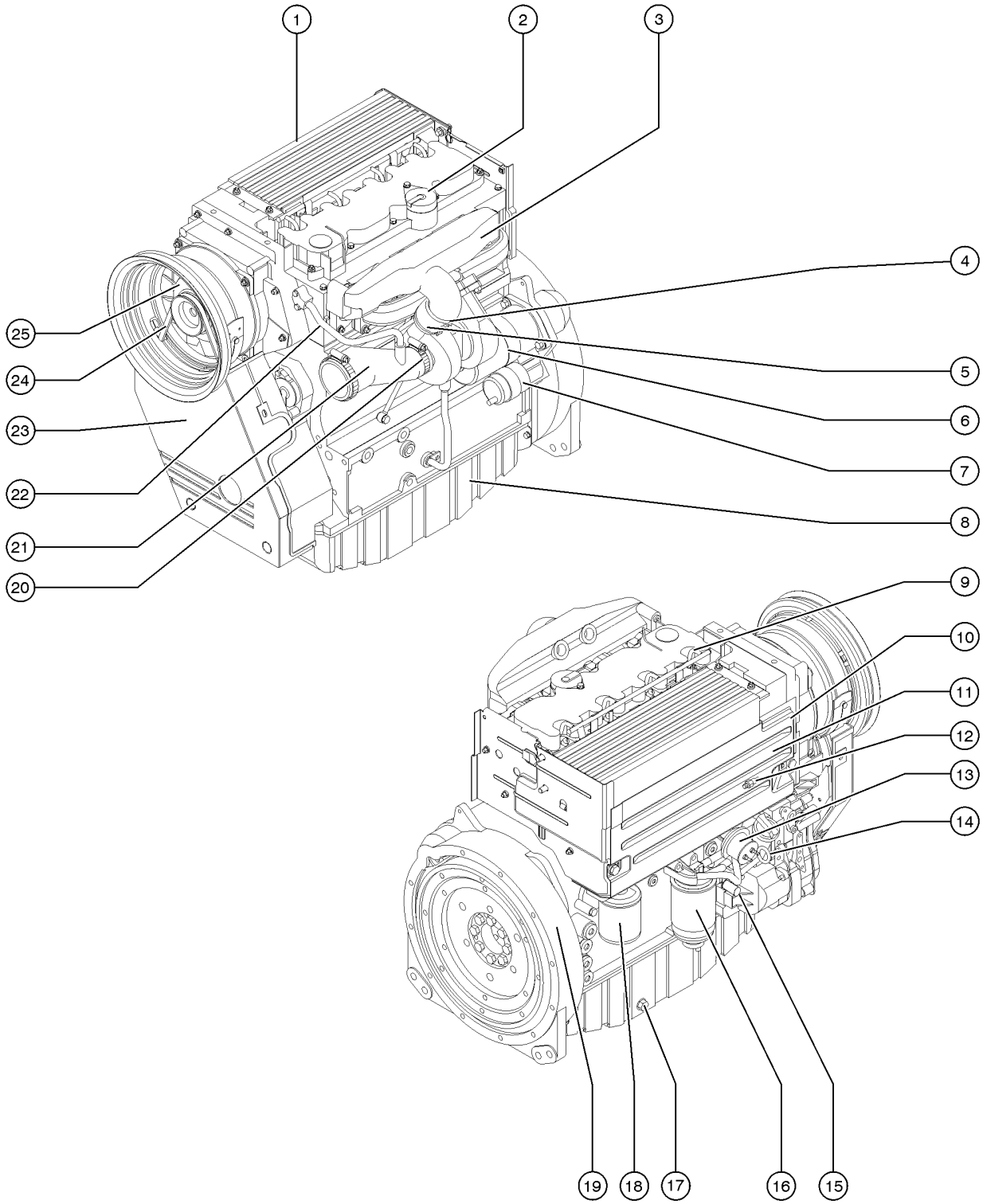
402.2 Deutz TD2011-L04i Engine - View 2, S-120HD



402.2 Deutz TD2011-L04i Engine - View 2, S-120HD

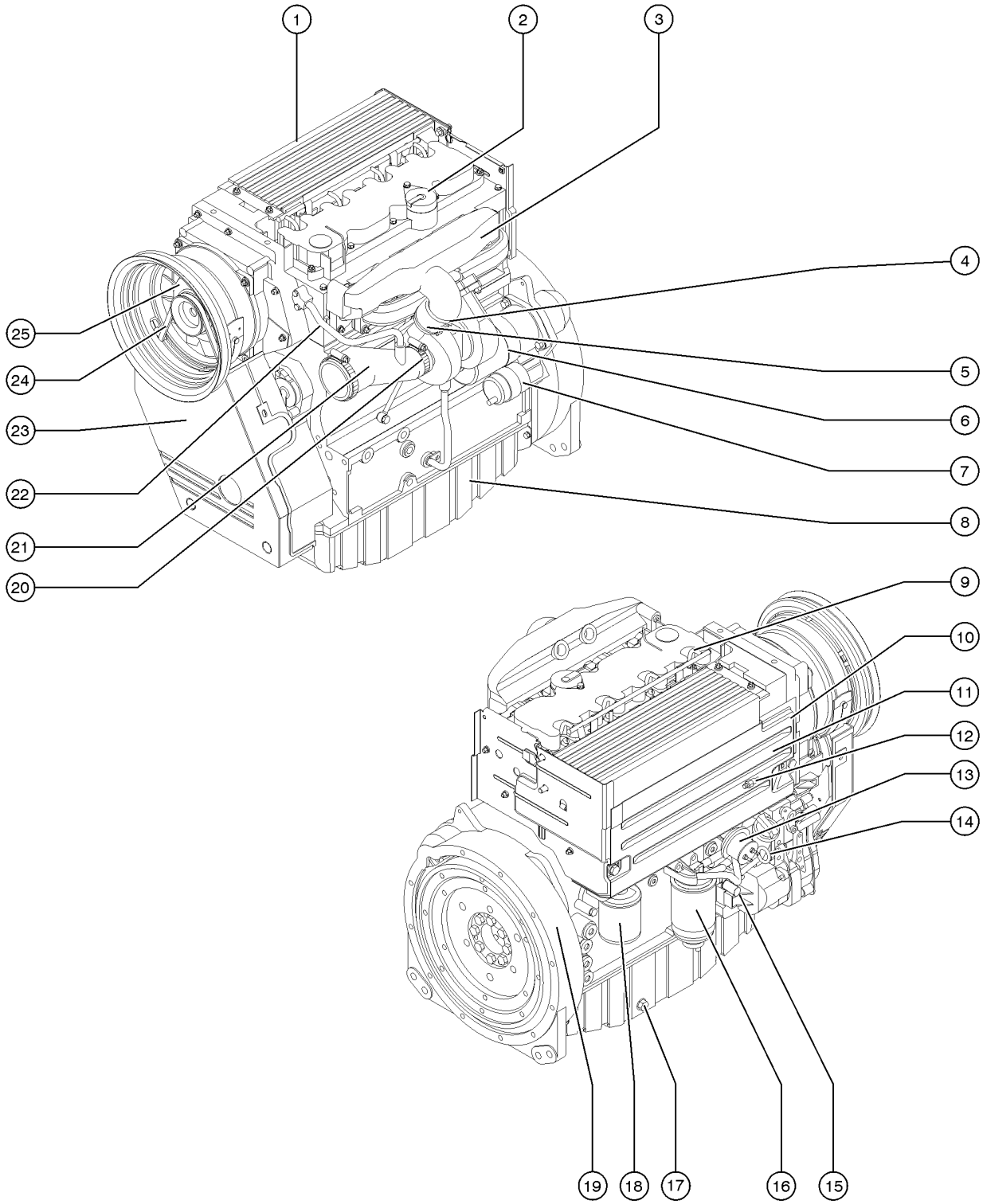
Item	*Part No.*	*Description*	*Qty.*
25	5397GT	WASHER, FLAT, .313	
26	6175GT	SCREW,HHC,3/8-16 X 1	

403.1 Deutz TD2011-L04i Engine - View 3, S-100HD



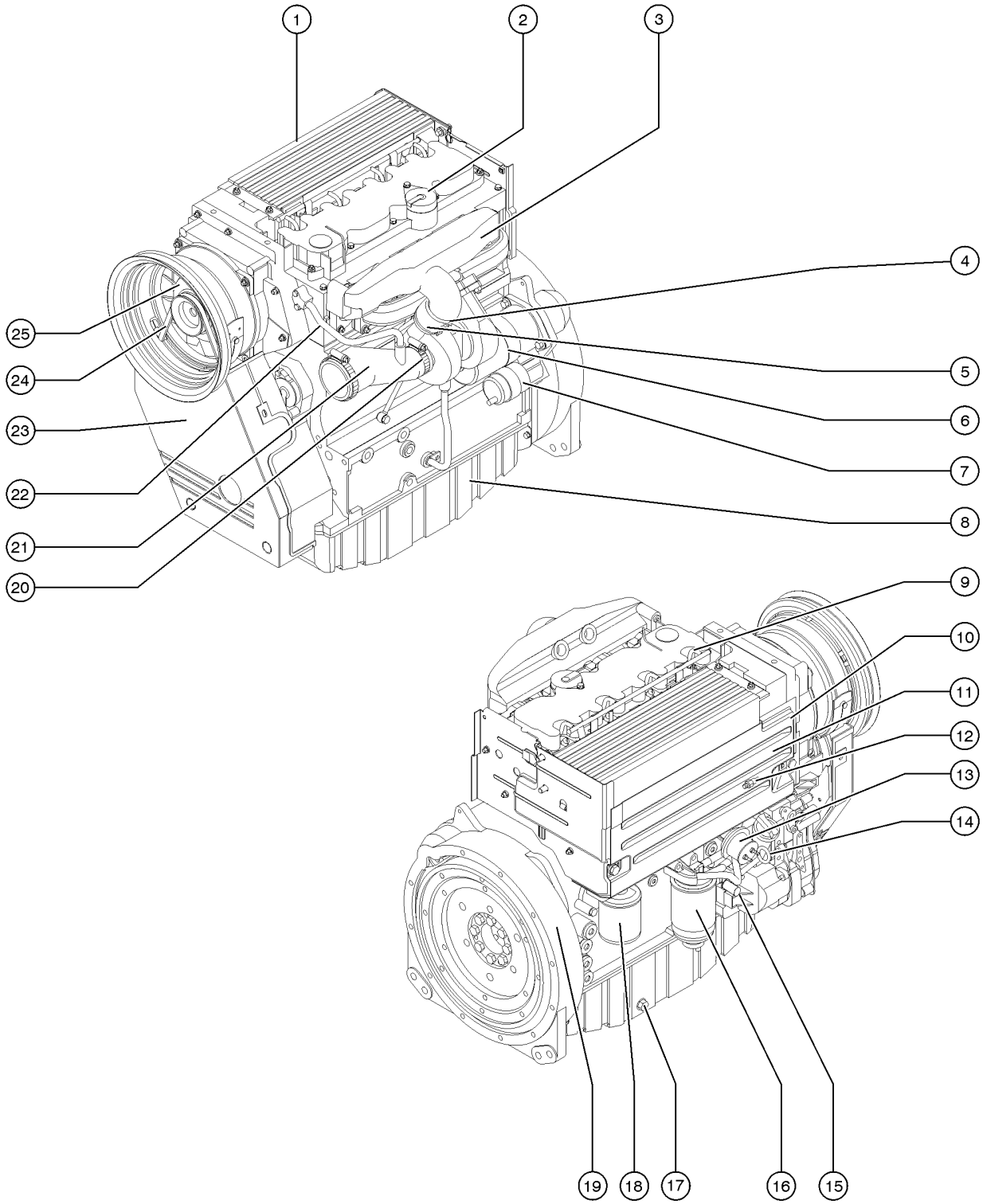
Item	Part No.	Description	Qty.
A-	102581GT	PUMP,FUEL INJ,DEUTZ BF4L20 class A injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
B-	T108732GT	PUMP,FUEL INJ,DEUTZ BF4L20 class B injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
C-	T108733GT	PUMP,FUEL INJ,DEUTZ BF4L20 class C injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
D-	T108734GT	PUMP,FUEL INJ,DEUTZ BF4L20 class D injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
2	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	1
3	102590GT	EXHAUST MANIFOLD, DEUTZ F4L201	1
3-	29559GT	GASKET,EXHAUST	
4	102593GT	CLAMP, 3 INCH	2
5	226106GT	RUBBER SLEEVES, TD 2011L041	
6	139709GT	STARTER, 12V	1
6-	139621GT	KIT, HEAT GUARD, DEUTZ STARTER	
7	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
8	102586GT	OIL PAN,DEUTZ F4L2011	1
9	102595GT	FUEL LINE-INJECTOR, DEUTZ BF4L	4
9-	102592GT	FUEL LINE, DEUTZ F4L2011	
9-	88091GT	FUEL RETURN,DAPCO 1/4" use until exhausted	
9-	102581GT	PUMP,FUEL INJ,DEUTZ BF4L20	
9-	89792GT	INJECTOR, FUEL(DEUTZ F3L2011F)	
9-	1288561GT	O-RING,FUEL INJECTOR,DEUTZ (89792) for 89792	
9-	102584GT	SEAL,INJECTOR,DEUTZ F4L2011	
9-	102596GT	CYLINDER HEAD CVR.DEUTZ BF4L20	
9-	102597GT	GASKET,CYL.COVR. DEUTZ BF4L201	
9-	102582GT	GASKET, FUEL INJEC PUMP DUTZ	
10	1289103GT	COVER,ENGINE,TD2011 L04I	
11	111445GT	SENDING UNIT,OIL TEMP SWCH,DTZ	1
12	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (does not include o-ring)	1
12-	58256GT	SOLENOID CABLE ASSY***	

403.1 Deutz TD2011-L04i Engine - View 3, S-100HD



Item	Part No.	Description	Qty.
12-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
12-	56445GT	DIODE,6 AMP 200 PIV,REEL	
13	58299GT	SENDING UNIT,OIL PRESS.,DEUTZ*	1
14	52352GT	DIPSTICK-F3L1011F (DEUTZ)	
15	111668GT	PUMP,FUEL 2011 DEUTZ ***	
15-	111402GT	O-RING, FUEL LIFT PUMP	
16	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
16-	58566GT	FILTER HEAD (29560)	
16-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
17	102587GT	PLUG,ENGINE OIL,DEUTZ F4L2011	1
18	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
18-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924	1
19	102580GT	FLYWHEEL HOUSING DEUTZ F4L2011	1
20	30971GT	CLAMP,HOSE,3.00"	
21	226103GT	INLET REDUCER,TD 2011L04I	
22	226104GT	BREATHER PIPE, TD 2011L04I	
22-	226105GT	GASKET,BREATHER PIPE (226104)	
23	146061GT	V-BELT GUARD, DEUTZ 2011	1
24	58630GT	V-BELT, DEUTZ TD2011LOAI	
25	58249GT	ALTERNATOR, DEUTZ,BF4L2011***	1
25-	1280590GT	PULLEY,ALTERNATOR,DEUTZ BF4L2011 for 58249	
25-	1280591GT	SPACER,ALT PULLEY,DEUTZ BF4L2011 for 58249	

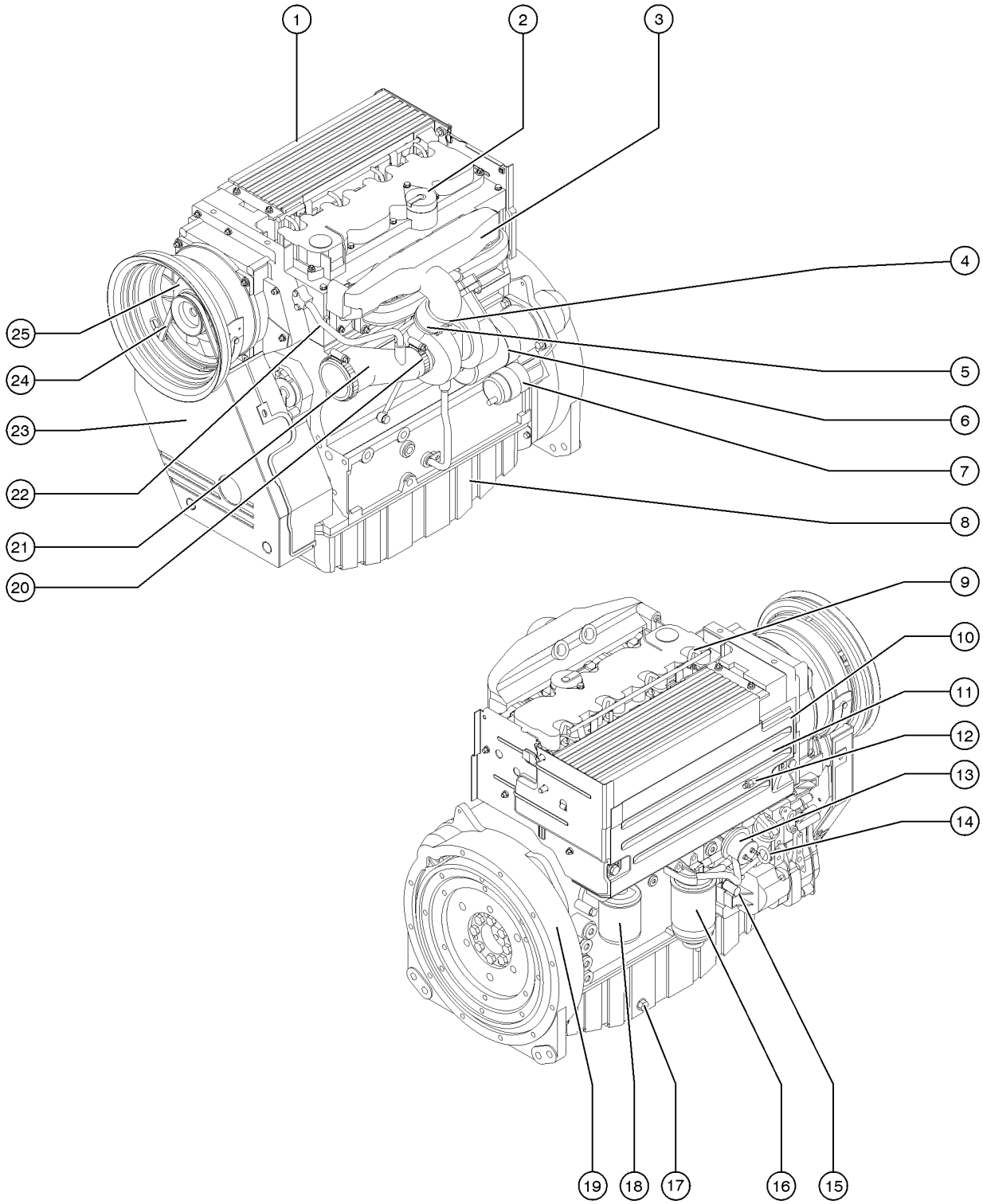
403.2 Deutz TD2011-L04i Engine - View 3, S-120HD



403.2 Deutz TD2011-L04i Engine - View 3, S-120HD

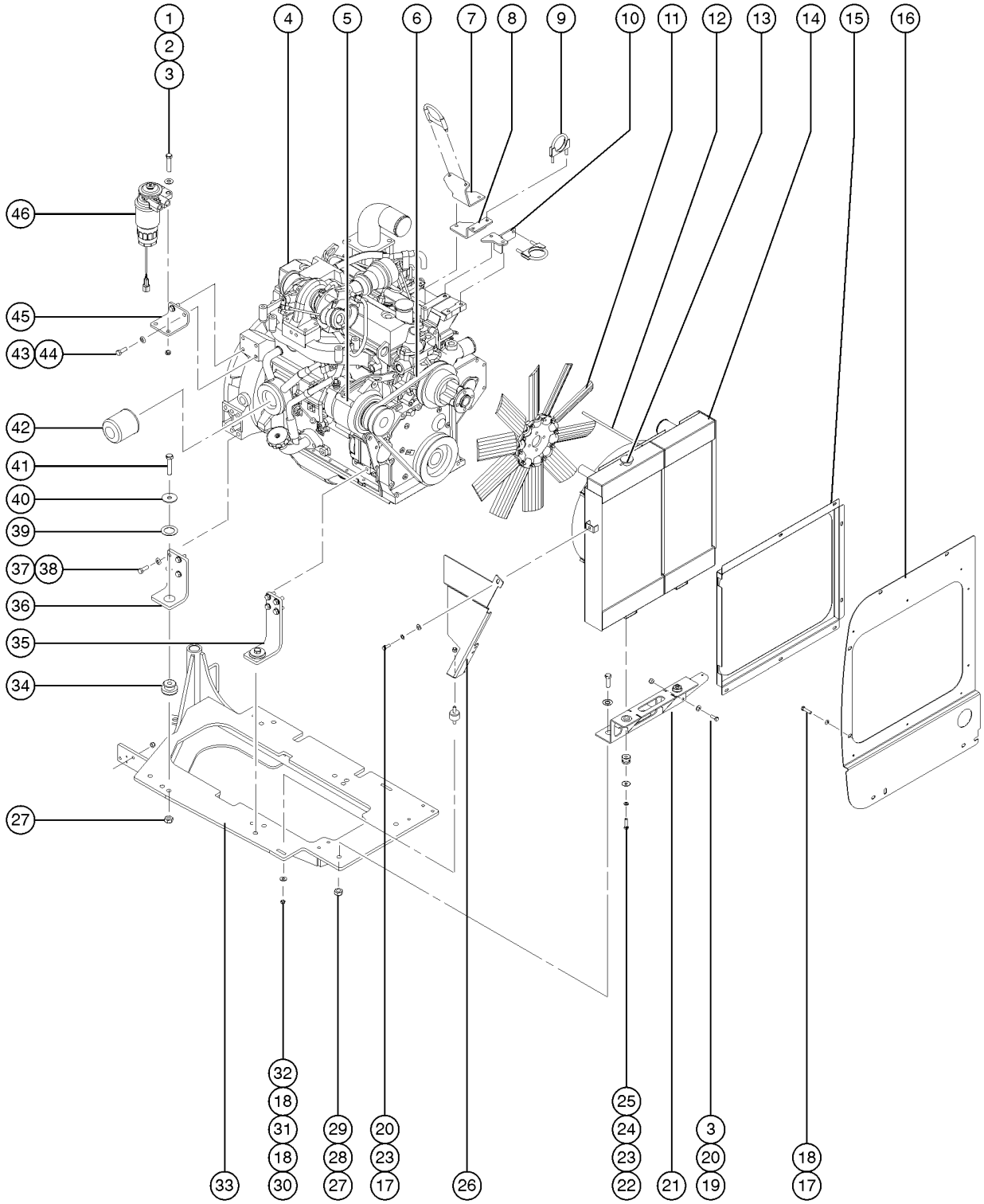
Item	Part No.	Description	Qty.
A-	102581GT	PUMP,FUEL INJ,DEUTZ BF4L20 class A injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
B-	T108732GT	PUMP,FUEL INJ,DEUTZ BF4L20 class B injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
C-	T108733GT	PUMP,FUEL INJ,DEUTZ BF4L20 class C injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
D-	T108734GT	PUMP,FUEL INJ,DEUTZ BF4L20 class D injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)	
2	29557GT	CAP,OIL FILLER,DEUTZ,DIESEL***	1
3	102590GT	EXHAUST MANIFOLD, DEUTZ F4L201	1
3-	29559GT	GASKET,EXHAUST	
4	102593GT	CLAMP, 3 INCH	2
5	226106GT	RUBBER SLEEVES, TD 2011L041	
6	139709GT	STARTER, 12V	1
6-	139621GT	KIT, HEAT GUARD, DEUTZ STARTER	
7	49915GT	SOLENOID-STARTR DEUTZF4L1011F*	1
8	102586GT	OIL PAN,DEUTZ F4L2011	1
9	102595GT	FUEL LINE-INJECTOR, DEUTZ BF4L	4
9-	102592GT	FUEL LINE, DEUTZ F4L2011	
9-	88091GT	FUEL RETURN,DAPCO 1/4" use until exhausted	
9-	102581GT	PUMP,FUEL INJ,DEUTZ BF4L20	
9-	89792GT	INJECTOR, FUEL(DEUTZ F3L2011F)	
9-	1288561GT	O-RING,FUEL INJECTOR,DEUTZ (89792) for 89792	
9-	102584GT	SEAL,INJECTOR,DEUTZ F4L2011	
9-	102596GT	CYLINDER HEAD CVR.DEUTZ BF4L20	
9-	102597GT	GASKET,CYL.COVR. DEUTZ BF4L201	
9-	102582GT	GASKET, FUEL INJEC PUMP DUTZ	
10	1289103GT	COVER,ENGINE,TD2011 L04I	1
11	111445GT	SENDING UNIT,OIL TEMP SWCH,DTZ	1
12	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ (must order cable assembly, 58256, if replacing 32752) (does not include o-ring)	1
12-	58256GT	SOLENOID CABLE ASSY***	

403.2 Deutz TD2011-L04i Engine - View 3, S-120HD



Item	Part No.	Description	Qty.
12-	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* (does not include diode, 45782)	
13	58299GT	SENDING UNIT,OIL PRESS.,DEUTZ*	1
12-	56445GT	DIODE,6 AMP 200 PIV,REEL	
14	52352GT	DIPSTICK-F3L1011F (DEUTZ)	
15	111668GT	PUMP,FUEL 2011 DEUTZ ***	
15-	111402GT	O-RING, FUEL LIFT PUMP	
16	29560GT	FILTER,FUEL/WTR SEP, DTZ 1008 Genie Genuine Part. See PN 1254826 for compatible aftermarket replacement.	1
16-	58566GT	FILTER HEAD (29560)	
16-	1254826GT	FUEL FILTER W/SEP,DEUTZ,1008 Genie Aftermarket Part. Filter for Deutz F3L 1011F Engine.	1
17	102587GT	PLUG,ENGINE OIL,DEUTZ F4L2011	1
18	49924GT	FILTER,OIL,DEUTZ Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	1
18-	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	1
19	102580GT	FLYWHEEL HOUSING DEUTZ F4L2011	1
20	30971GT	CLAMP,HOSE,3.00"	
21	226103GT	INLET REDUCER,TD 2011L04I	
22	226104GT	BREATHER PIPE, TD 2011L04I	
22-	226105GT	GASKET,BREATHER PIPE (226104)	
23	146061GT	V-BELT GUARD, DEUTZ 2011	1
24	58630GT	V-BELT, DEUTZ TD2011LOAI	
25	58249GT	ALTERNATOR, DEUTZ,BF4L2011***	1
25-	1280590GT	PULLEY,ALTERNATOR,DEUTZ BF4L2011 for 58249	
25-	1280591GT	SPACER,ALT PULLEY,DEUTZ BF4L2011 for 58249	

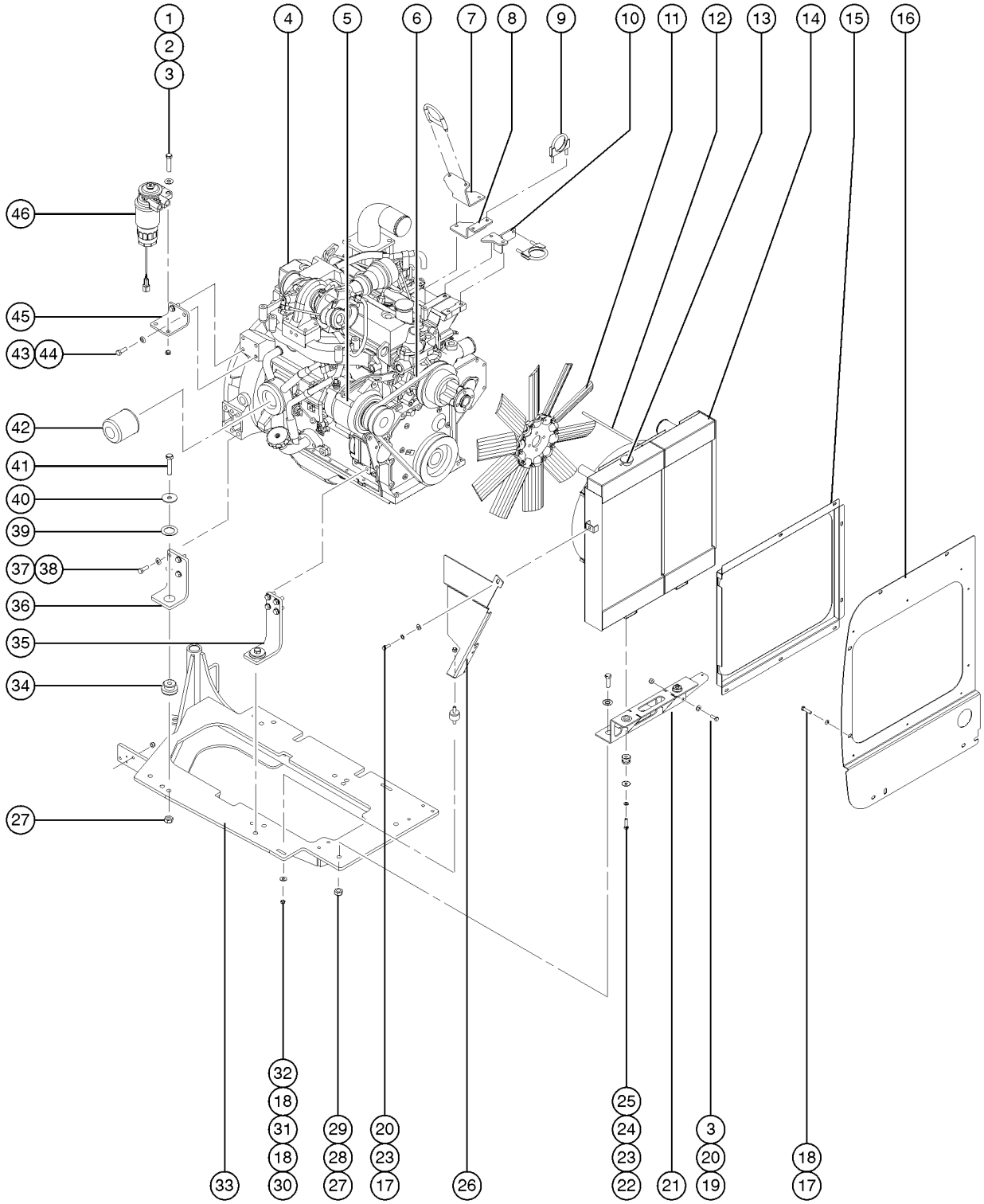
404.1 Cummins B3.3T Engine - View 1, S-100HD



404.1 Cummins B3.3T Engine - View 1, S-100HD

Item	Part No.	Description	Qty.
-	122877GT	HARNESS,CUMMINS ENGINE T3	
-	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL	
1	13000GT	SCREW,HHC,5/16-18X1.375,8,ZAG	
2	6638GT	WASHER,FLAT, USS, 1/4"Y	
3	6782GT	NUT, NYLOCK, 5/16-18	
4	122402GT	ENGINE KIT, CUMMINS B3.3T	1
5	146046GT	ALTERNATOR	1
6	146047GT	BELT	1
6A	1277970GT	WATER PUMP,CUMMINS,B3.3	1
7	122625GT	BRACKET, SUPPORT, EXH. CUM T3	1
8	122424GT	BRACKET,CAC 2 TUBING MOUNT	1
9	71911GT	CLAMP,MUFFLER, 2.50 INCH	4
10	122335GT	BRACKET, CAC INTAKE TUBE MOUNT	1
11	122438GT	FAN, 19.0", BREEZA	1
12	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	
13	65473GT	CAP,RADIATOR,PERKINS/FORD	1
14	122404GT	ASSY, RAD/CAC, CUMMINS B3.3T	1
15	149297GT	FORMING,BAFFEL BOX	1
16	128505GT	FORMING,ENGINE BAFFLE	1
17	8255GT	SCREW,HHC,3/8-16 X .75	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	13002GT	SCREW, HHC, 5/16-18 x 1 GR5	
20	5397GT	WASHER, FLAT, .313	
21	122415GT	WELDMENT,RADIATOR MOUNT,CUM	1
22	8516GT	SCREW, HCC, 3/8-16 X 1.50	
23	6021GT	WASHER, LOCK, .375	
24	44714GT	WASHER,.375X1.25X.100	
25	75259GT	ISOLATOR,CENTER BONDED	

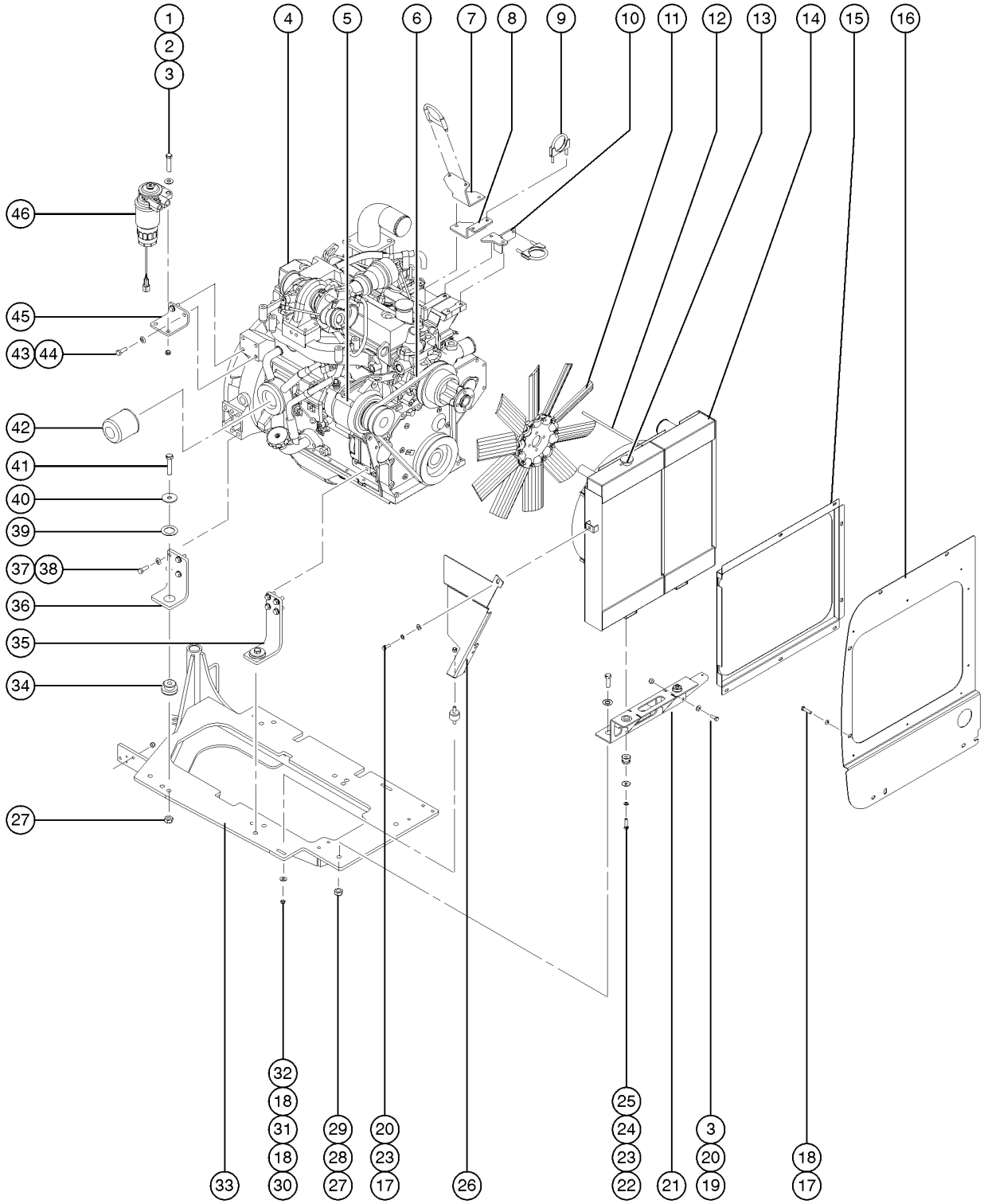
404.1 Cummins B3.3T Engine - View 1, S-100HD



404.1 Cummins B3.3T Engine - View 1, S-100HD

Item	Part No.	Description	Qty.
26	149298GT	FORMING,RADIATOR STRUT,CUMMINS	1
27	6024GT	NUT, NYLOCK, 5/8-11	
28	13064GT	WASHER, FLAT, .625 HARDENED	
29	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	
30	7713GT	NUT, LP NYLOCK, 3/8-16	
31	122428GT	MOUNT,1"FLEX-BOLT SANDWICH	1
32	4828GT	NUT, NYLOCK, 3/8-16	
33		Ref. ENGINE TRAY (refer to 406.1)	
34	102045GT	ISOLATOR, ENGINE VIBRATION	
35	122409GT	FORMING,MOUNT,ENGINE,FRONT	2
36	122410GT	FORMING,MOUNT,ENGINE,REAR	2
37	27584GT	SCREW,HHC,M12 X 35MM	
38	49410GT	WASHER, FLAT, M12	
39	18596GT	WASHER, FLAT, 1.56 X 2.5 X .061	
40	33418GT	WASHER, FLAT, .645 X 2.25 X .15	
41	13004GT	SCREW,HHC,5/8-11 X 3 GRD.8	
42	122708GT	OIL FILTER	1
43	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
44	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
45	111639GT	FORMING,FUEL FILTER MOUNT	1
46	122709GT	FUEL FILTER	1

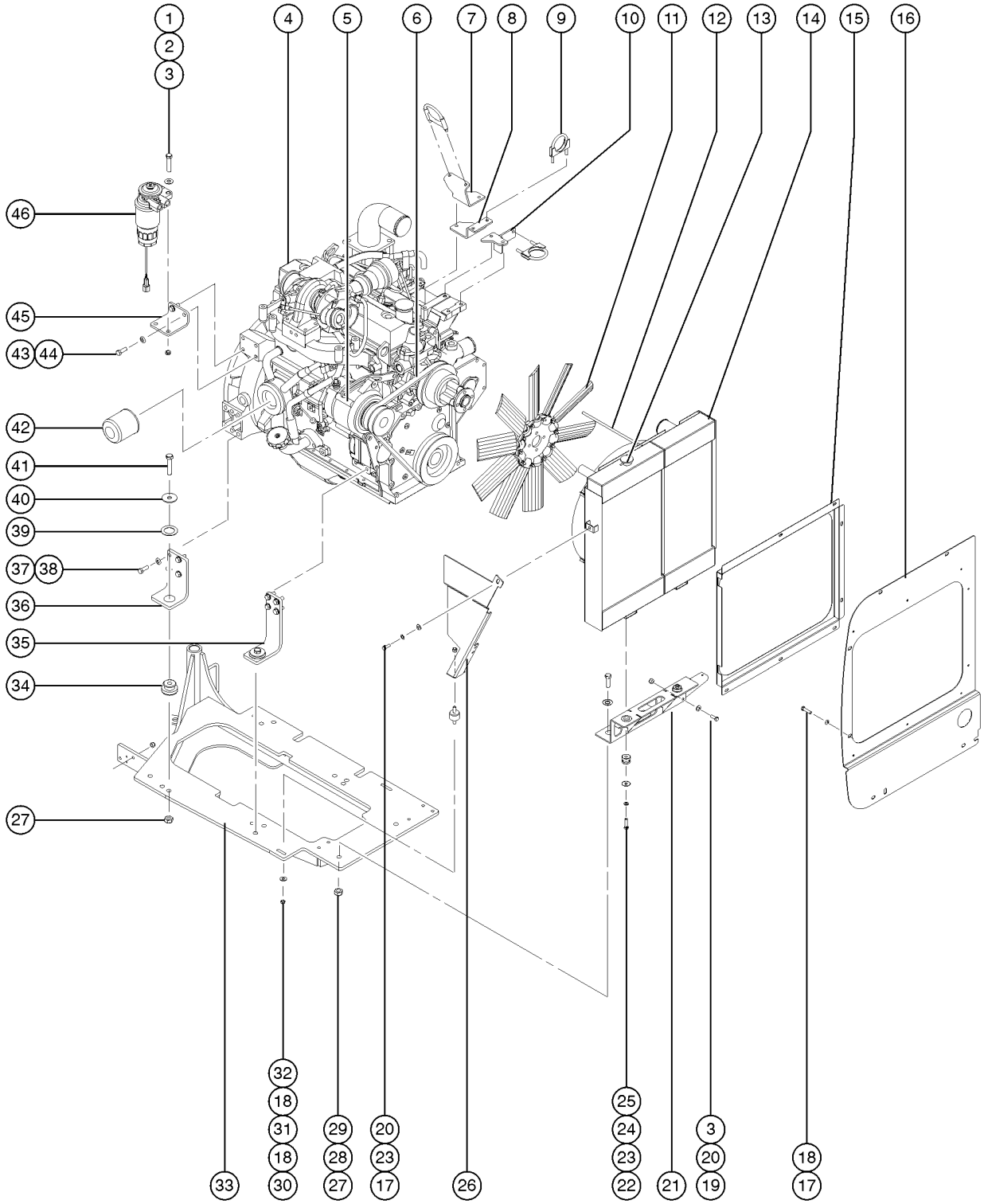
404.2 Cummins B3.3T Engine - View 1, S-120HD



404.2 Cummins B3.3T Engine - View 1, S-120HD

Item	Part No.	Description	Qty.
-	122877GT	HARNESS,CUMMINS ENGINE T3	
-	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL	
1	13000GT	SCREW,HHC,5/16-18X1.375,8,ZAG	
2	6638GT	WASHER,FLAT, USS, 1/4"Y	
3	6782GT	NUT, NYLOCK, 5/16-18	
4	122402GT	ENGINE KIT, CUMMINS B3.3T	1
5	146046GT	ALTERNATOR	1
6	146047GT	BELT	1
6A	1277970GT	WATER PUMP,CUMMINS,B3.3	1
7	122625GT	BRACKET, SUPPORT, EXH. CUM T3	1
8	122424GT	BRACKET,CAC 2 TUBING MOUNT	1
9	71911GT	CLAMP,MUFFLER, 2.50 INCH	4
10	122335GT	BRACKET, CAC INTAKE TUBE MOUNT	1
11	122438GT	FAN, 19.0", BREEZA	1
12	30490GT	HOSE,1/4 FUEL LINE,SAE 30R7	
13	65473GT	CAP,RADIATOR,PERKINS/FORD	1
14	122404GT	ASSY, RAD/CAC, CUMMINS B3.3T	1
15	149297GT	FORMING,BAFFEL BOX	1
16	128505GT	FORMING,ENGINE BAFFLE	1
17	8255GT	SCREW,HHC,3/8-16 X .75	
18	6097GT	WASHER, FLAT, USS, 3/8", Y	
19	13002GT	SCREW, HHC, 5/16-18 x 1 GR5	
20	5397GT	WASHER, FLAT, .313	
21	122415GT	WELDMENT,RADIATOR MOUNT,CUM	1
22	8516GT	SCREW, HCC, 3/8-16 X 1.50	
23	6021GT	WASHER, LOCK, .375	
24	44714GT	WASHER,.375X1.25X.100	
25	75259GT	ISOLATOR,CENTER BONDED	

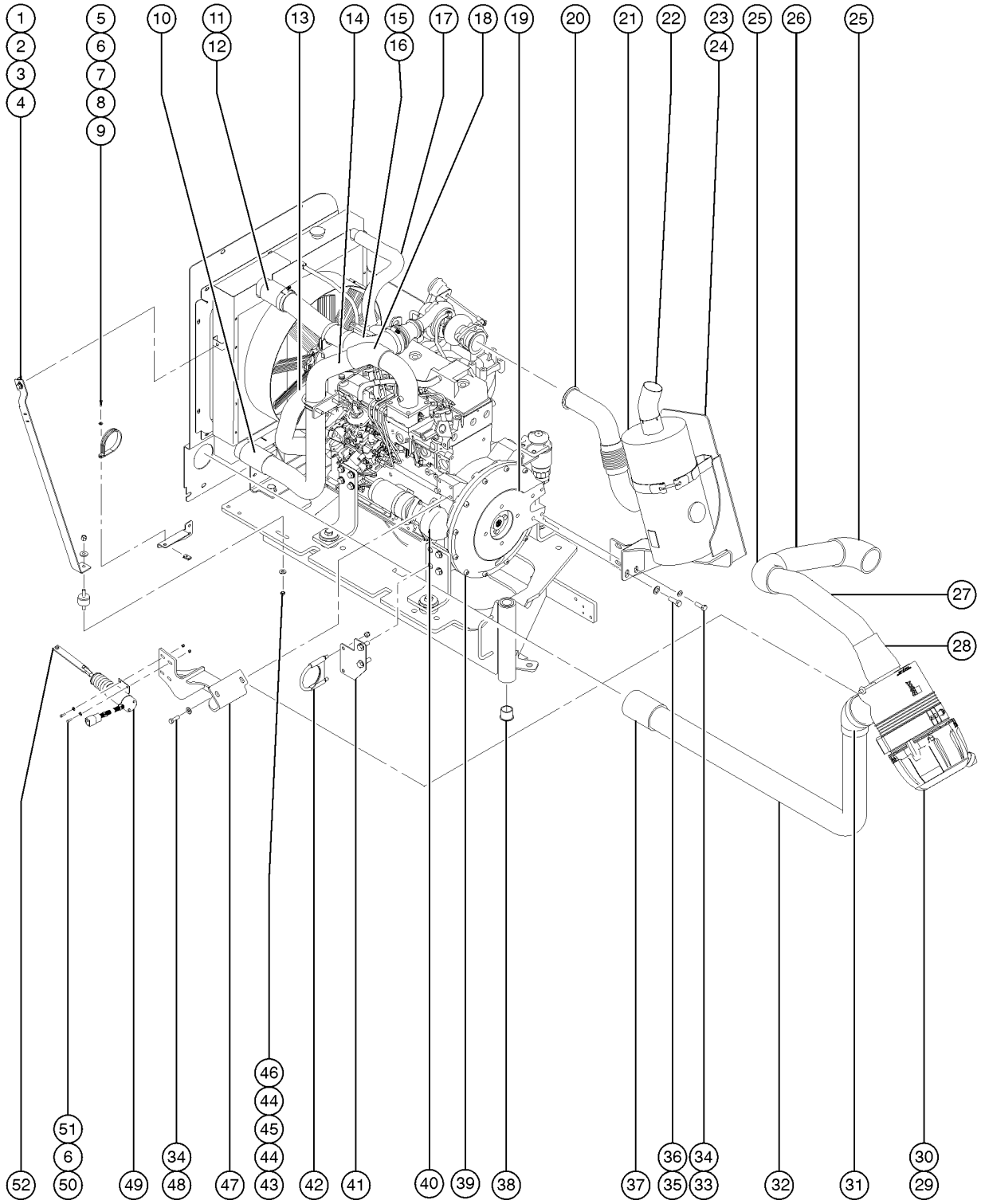
404.2 Cummins B3.3T Engine - View 1, S-120HD



404.2 Cummins B3.3T Engine - View 1, S-120HD

Item	Part No.	Description	Qty.
26	149298GT	FORMING,RADIATOR STRUT,CUMMINS	1
27	6024GT	NUT, NYLOCK, 5/8-11	
28	13064GT	WASHER, FLAT, .625 HARDENED	
29	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8	
30	7713GT	NUT, LP NYLOCK, 3/8-16	
31	122428GT	MOUNT,1"FLEX-BOLT SANDWICH	1
32	4828GT	NUT, NYLOCK, 3/8-16	
33		Ref. ENGINE TRAY (refer to 406.1)	
34	102045GT	ISOLATOR, ENGINE VIBRATION	
35	122409GT	FORMING,MOUNT,ENGINE,FRONT	2
36	122410GT	FORMING,MOUNT,ENGINE,REAR	2
37	27584GT	SCREW,HHC,M12 X 35MM	
38	49410GT	WASHER, FLAT, M12	
39	18596GT	WASHER, FLAT, 1.56 X 2.5 X .061	
40	33418GT	WASHER, FLAT, .645 X 2.25 X .15	
41	13004GT	SCREW,HHC,5/8-11 X 3 GRD.8	
42	122708GT	OIL FILTER	1
43	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
44	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
45	111639GT	FORMING,FUEL FILTER MOUNT	1
46	122709GT	FUEL FILTER	1

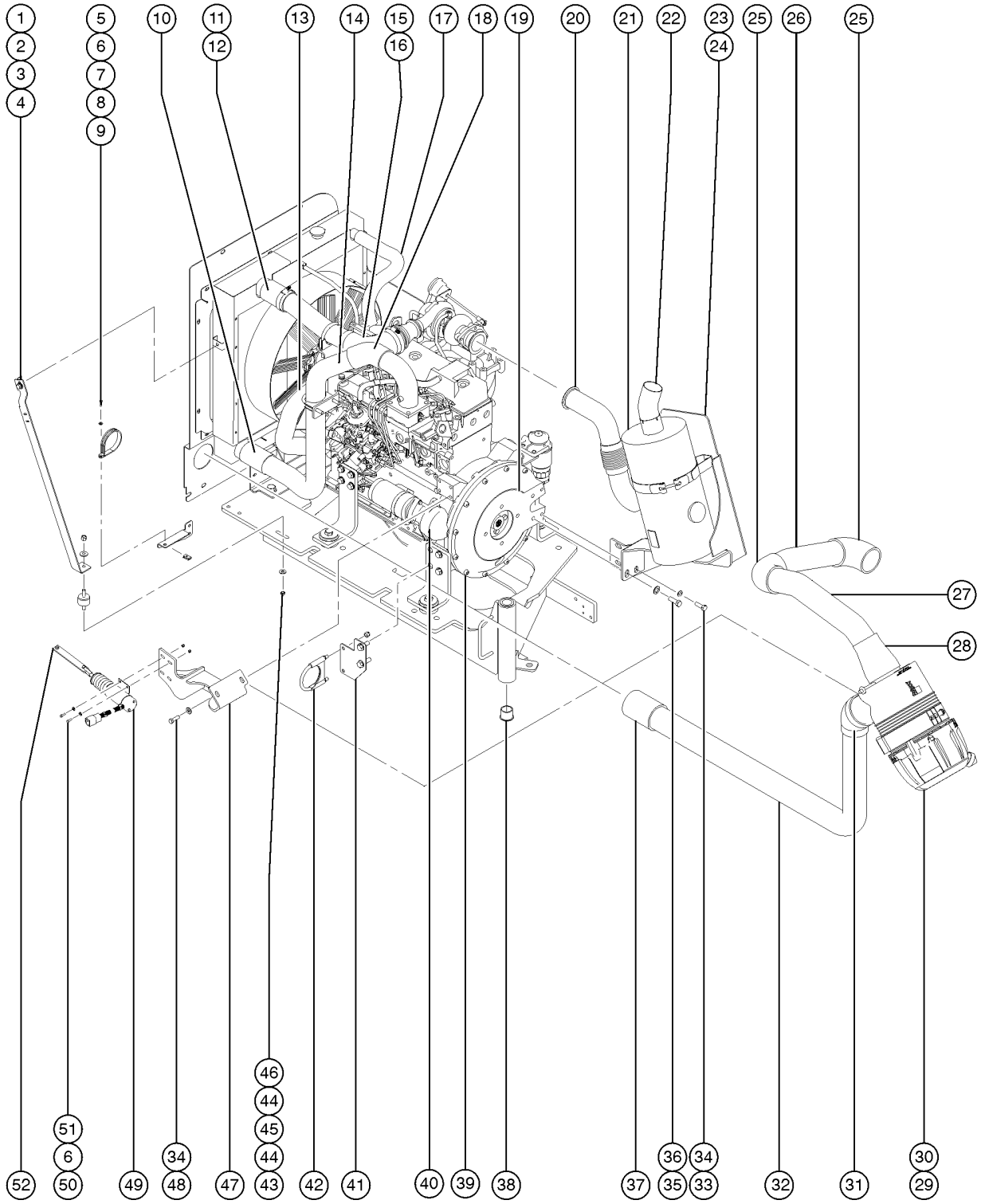
405.1 Cummins B3.3T Engine - View 2, S-100HD



405.1 Cummins B3.3T Engine - View 2, S-100HD

Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	
2	6021GT	WASHER, LOCK, .375	
3	5397GT	WASHER, FLAT, .313	
4	122411GT	RADIATOR STRUT,LEFT	1
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	6638GT	WASHER,FLAT, USS, 1/4"Y	
7	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH	
8	122413GT	BRACKET,INTAKE TUBE SUPPORT	1
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
10	122434GT	HOSE,CAC,2.5"ID X 4.0"	1
11	122427GT	TUBE,CAC 1 CUM.B3.3T	1
12	122591GT	CLAMP,CONST TRQ 2.25"-3.13"OD	
13	122408GT	HOSE,LOWER RADIATOR,CUMMINS	1
14	122425GT	TUBE,AIR INTAKE,UPPER	1
15	122435GT	REDUCER,90 DEG,CAC, 3.0"-2.5"	1
16	122592GT	CLAMP,CONST TRQ 2.75"-3.63"OD	
17	122407GT	HOSE,UPPER RADIATOR,CUMMINS	1
18	122433GT	ELBOW,45 DEG, CAC,2.5"	1
19	70381GT	COVER, FLYWHEEL CASTING	1
20		TUBE, EXHAUST CUMMINS B3.3T No longer available (contact customer services)	1
21	70444GT	MUFFLER,2.5"INLET/OUTLET from SN 199	1
21-	823260GT	MUFFLER,2.5"INLET/OUTLET,9"DIA to SN 198	
22	122615GT	TUBE,EXHAUST CUMMINS T3	1
23	122605GT	WLDT, MUFFLER BRKT, CUMMINS T3	1
24	122470GT	CLAMP,MUFFLER,CUM B3.3T from SN 199	
24-	823259GT	CLAMP,MUFFLER,CUM B3.3T, 9"DIA to SN 198	
25	60561GT	ELBOW,INLET,CUMMINS	1
26	122614GT	TUBE,INTAKE,CUMMINS T3	1

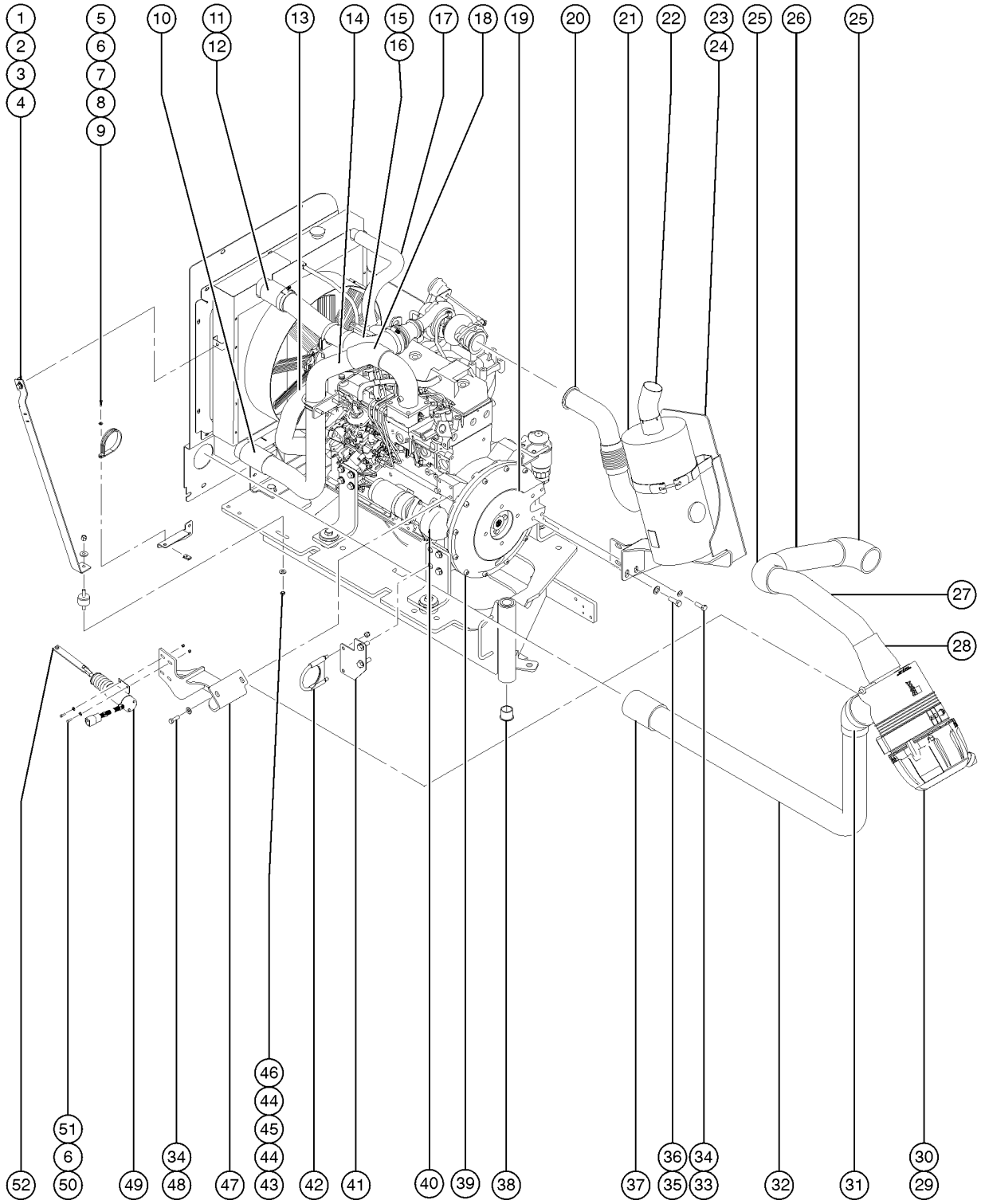
405.1 Cummins B3.3T Engine - View 2, S-100HD



405.1 Cummins B3.3T Engine - View 2, S-100HD

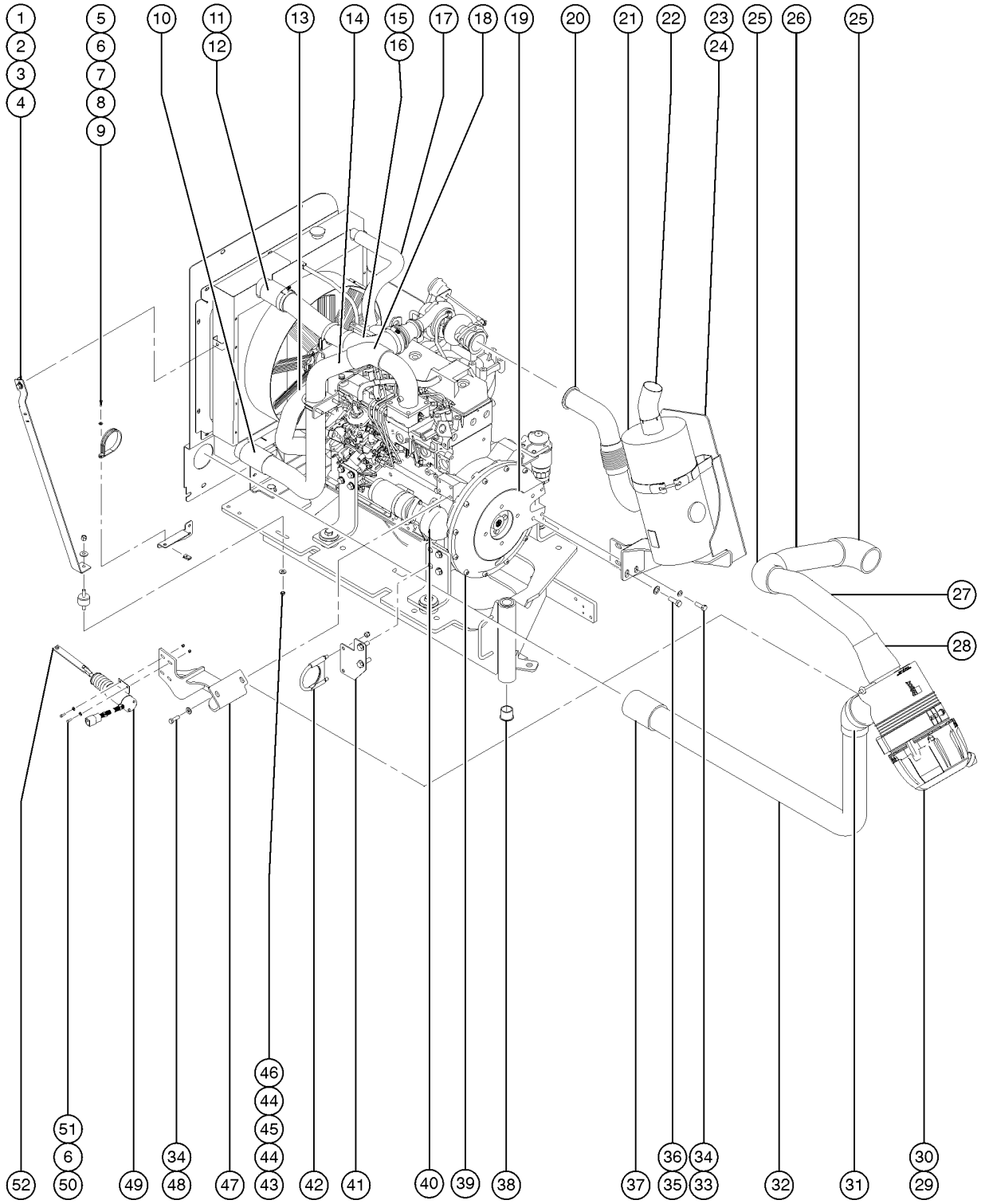
Item	Part No.	Description	Qty.
27	122613GT	TUBE,INTAKE,CUMMINS T3	1
28	122432GT	REDUCER,RUBBER,4.0 X 3.0	1
29	122466GT	AIR CLEANER,CUMMINS B3.3T	1
29-	146044GT	AIR FILTER, PRIMARY ELEMENT	1
29-	146045GT	AIR FILTER, SECONDARY ELEMENT	1
30	122467GT	AIR CLEANER,CLAMP,CUM B3.3T	1
31	122603GT	REDUCER,45 DEG, 3.75"-3.00"	1
32	122602GT	TUBE,AIR INTAKE 1,CUM.B3.3T	1
33	22697GT	SCREW,HHC,M10 X 65MM,GR8.8	
34	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
35	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8	
36	13066GT	WASHER,FLAT,.5 HARDENED	
37	60596GT	HOSE INLET	1
38		Ref. BEARING (refer to 406.1)	
39	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	
40	139798GT	STARTER, 12V, CUMMINS B3.3T	
41	122423GT	BRACKET,INTAKE MOUNT,CUM	1
42	122414GT	U-BOLT,GUILLOTINE,3"	
43	7713GT	NUT, LP NYLOCK, 3/8-16	
44	6097GT	WASHER, FLAT, USS, 3/8", Y	
45	122428GT	MOUNT,1"FLEX-BOLT SANDWICH	1
46	4828GT	NUT, NYLOCK, 3/8-16	
47	146352GT	WLDT, AIR CLEANER/SOLENOID MNT	
48	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
49	101957GT	SOLENOID,THROTTLE,ASSY.TROMB	1
50	6090GT	SCREW, HHC, 1/4-20 X .75	
51	6091GT	NUT, NYLOCK, 1/4-20	
52	146306GT	THROTTLE LINK, STEEL	1

405.1 Cummins B3.3T Engine - View 2, S-100HD



Item	Part No.	Description	Qty.
52-	21130GT	CLEVIS YOKE 1/4-28, PLATED	

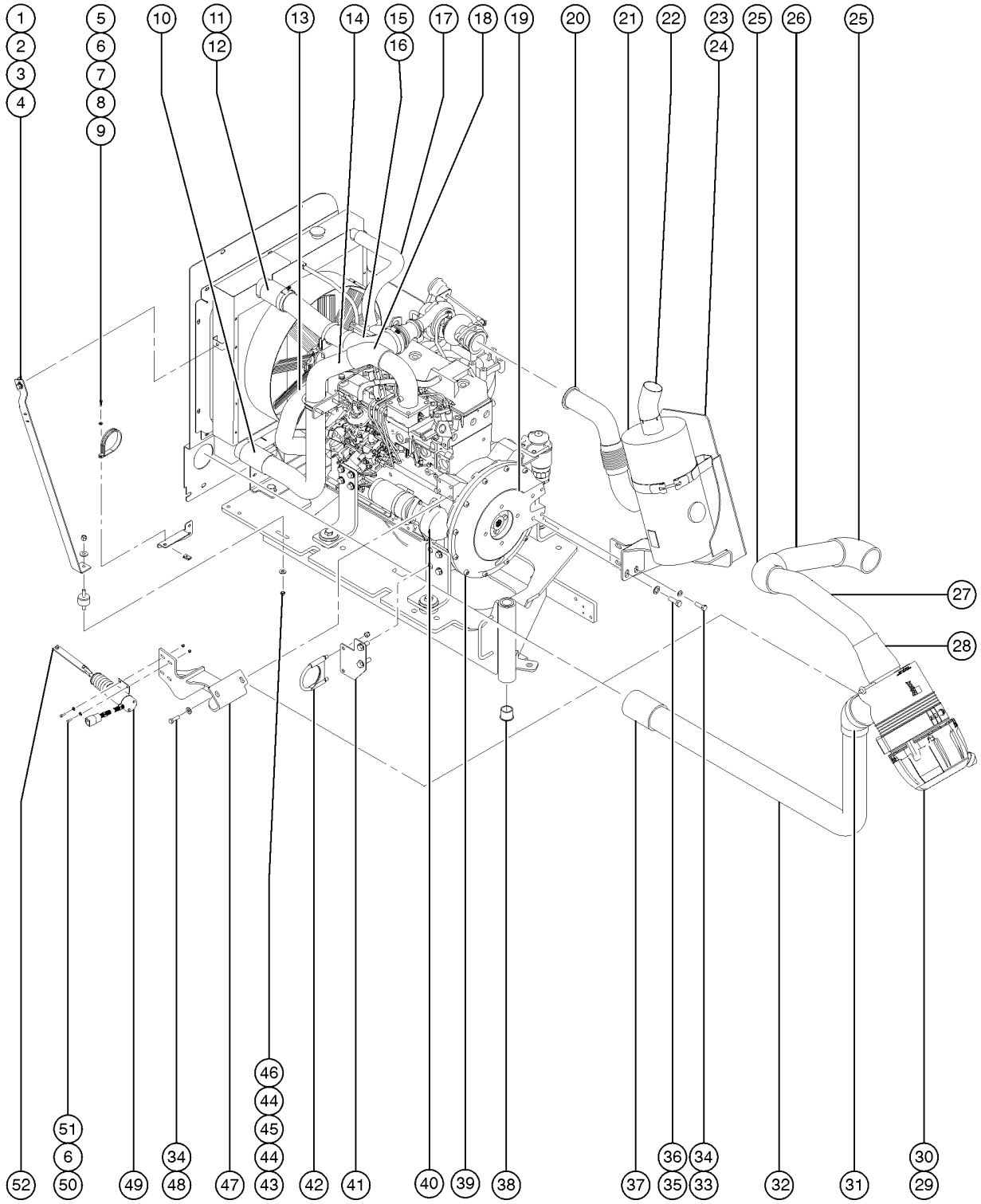
405.2 Cummins B3.3T Engine - View 2, S-120HD



405.2 Cummins B3.3T Engine - View 2, S-120HD

Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75	
2	6021GT	WASHER, LOCK, .375	
3	5397GT	WASHER, FLAT, .313	
4	122411GT	RADIATOR STRUT,LEFT	1
5	6888GT	SCREW, HHC, 1/4-20 X 1	
6	6638GT	WASHER,FLAT, USS, 1/4"Y	
7	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH	
8	122413GT	BRACKET,INTAKE TUBE SUPPORT	1
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
10	122434GT	HOSE,CAC,2.5"ID X 4.0"	1
11	122427GT	TUBE,CAC 1 CUM.B3.3T	1
12	122591GT	CLAMP,CONST TRQ 2.25"-3.13"OD	
13	122408GT	HOSE,LOWER RADIATOR,CUMMINS	1
14	122425GT	TUBE,AIR INTAKE,UPPER	1
15	122435GT	REDUCER,90 DEG,CAC, 3.0"-2.5"	1
16	122592GT	CLAMP,CONST TRQ 2.75"-3.63"OD	
17	122407GT	HOSE,UPPER RADIATOR,CUMMINS	1
18	122433GT	ELBOW,45 DEG, CAC,2.5"	1
19	70381GT	COVER, FLYWHEEL CASTING	1
20		TUBE, EXHAUST CUMMINS B3.3T No longer available (contact customer services)	1
21	70444GT	MUFFLER,2.5"INLET/OUTLET from SN 199	1
21-	823260GT	MUFFLER,2.5"INLET/OUTLET,9"DIA to SN 198	
22	122615GT	TUBE,EXHAUST CUMMINS T3	1
23	122605GT	WLDT, MUFFLER BRKT, CUMMINS T3	1
24	122470GT	CLAMP,MUFFLER,CUM B3.3T from SN 199	
24-	823259GT	CLAMP,MUFFLER,CUM B3.3T, 9"DIA to SN 198	
25	60561GT	ELBOW,INLET,CUMMINS	1
26	122614GT	TUBE,INTAKE,CUMMINS T3	1

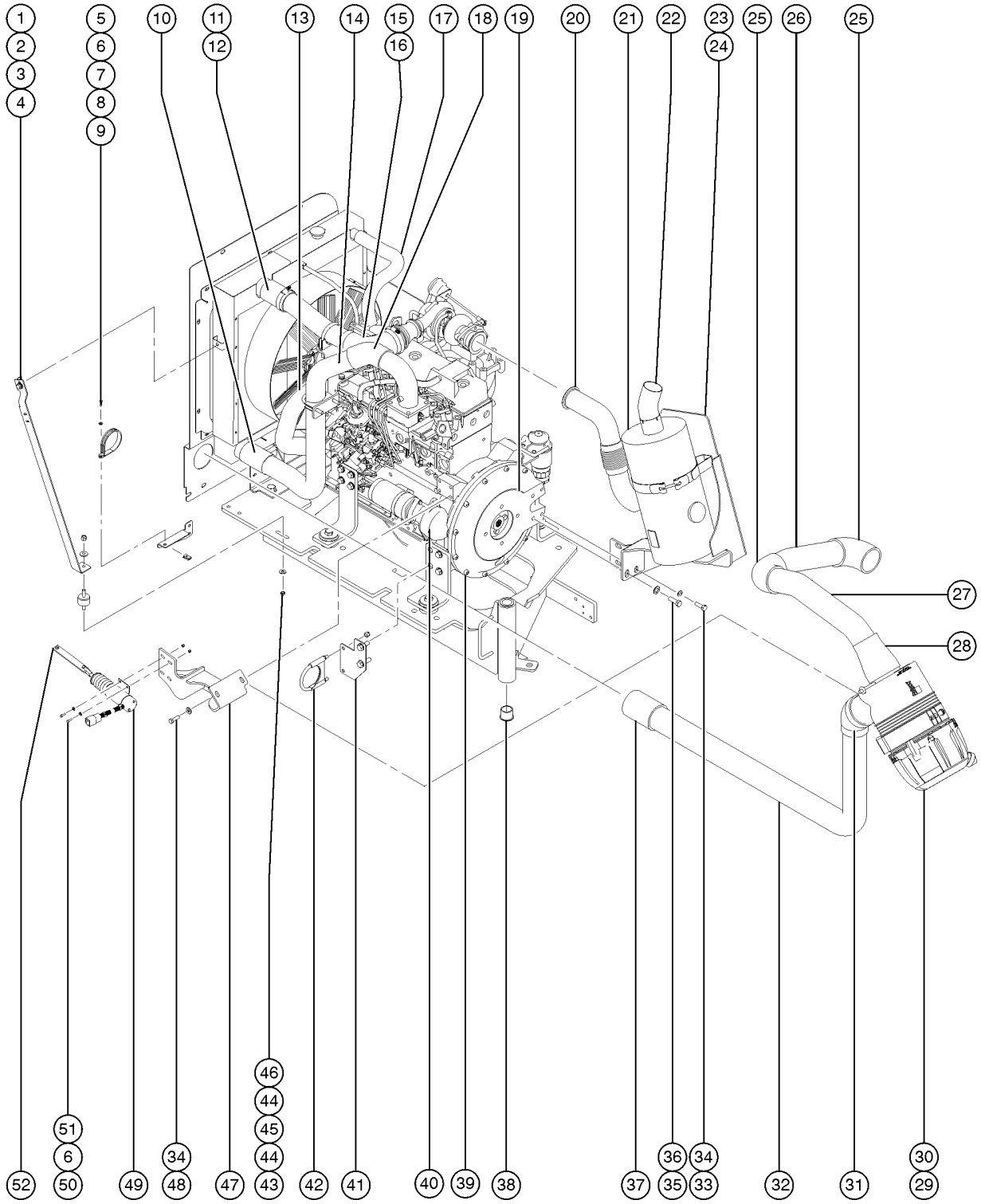
405.2 Cummins B3.3T Engine - View 2, S-120HD



405.2 Cummins B3.3T Engine - View 2, S-120HD

Item	Part No.	Description	Qty.
27	122613GT	TUBE,INTAKE,CUMMINS T3	1
28	122432GT	REDUCER,RUBBER,4.0 X 3.0	1
29	122466GT	AIR CLEANER,CUMMINS B3.3T	1
29-	146044GT	AIR FILTER, PRIMARY ELEMENT	1
29-	146045GT	AIR FILTER, SECONDARY ELEMENT	1
30	122467GT	AIR CLEANER,CLAMP,CUM B3.3T	1
31	122603GT	REDUCER,45 DEG, 3.75"-3.00"	1
32	122602GT	TUBE,AIR INTAKE 1,CUM.B3.3T	1
33	22697GT	SCREW,HHC,M10 X 65MM,GR8.8	
34	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
35	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8	
36	13066GT	WASHER,FLAT,.5 HARDENED	
37	60596GT	HOSE INLET	1
38		Ref. BEARING (refer to 406.1)	
39	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9	
40	139798GT	STARTER, 12V, CUMMINS B3.3T	
41	122423GT	BRACKET,INTAKE MOUNT,CUM	1
42	122414GT	U-BOLT,GUILLOTINE,3"	
43	7713GT	NUT, LP NYLOCK, 3/8-16	
44	6097GT	WASHER, FLAT, USS, 3/8", Y	
45	122428GT	MOUNT,1"FLEX-BOLT SANDWICH	1
46	4828GT	NUT, NYLOCK, 3/8-16	
47	146352GT	WLDT, AIR CLEANER/SOLENOID MNT	
48	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
49	101957GT	SOLENOID,THROTTLE,ASSY.TROMB	1
50	6090GT	SCREW, HHC, 1/4-20 X .75	
51	6091GT	NUT, NYLOCK, 1/4-20	
52	146306GT	THROTTLE LINK, STEEL	1

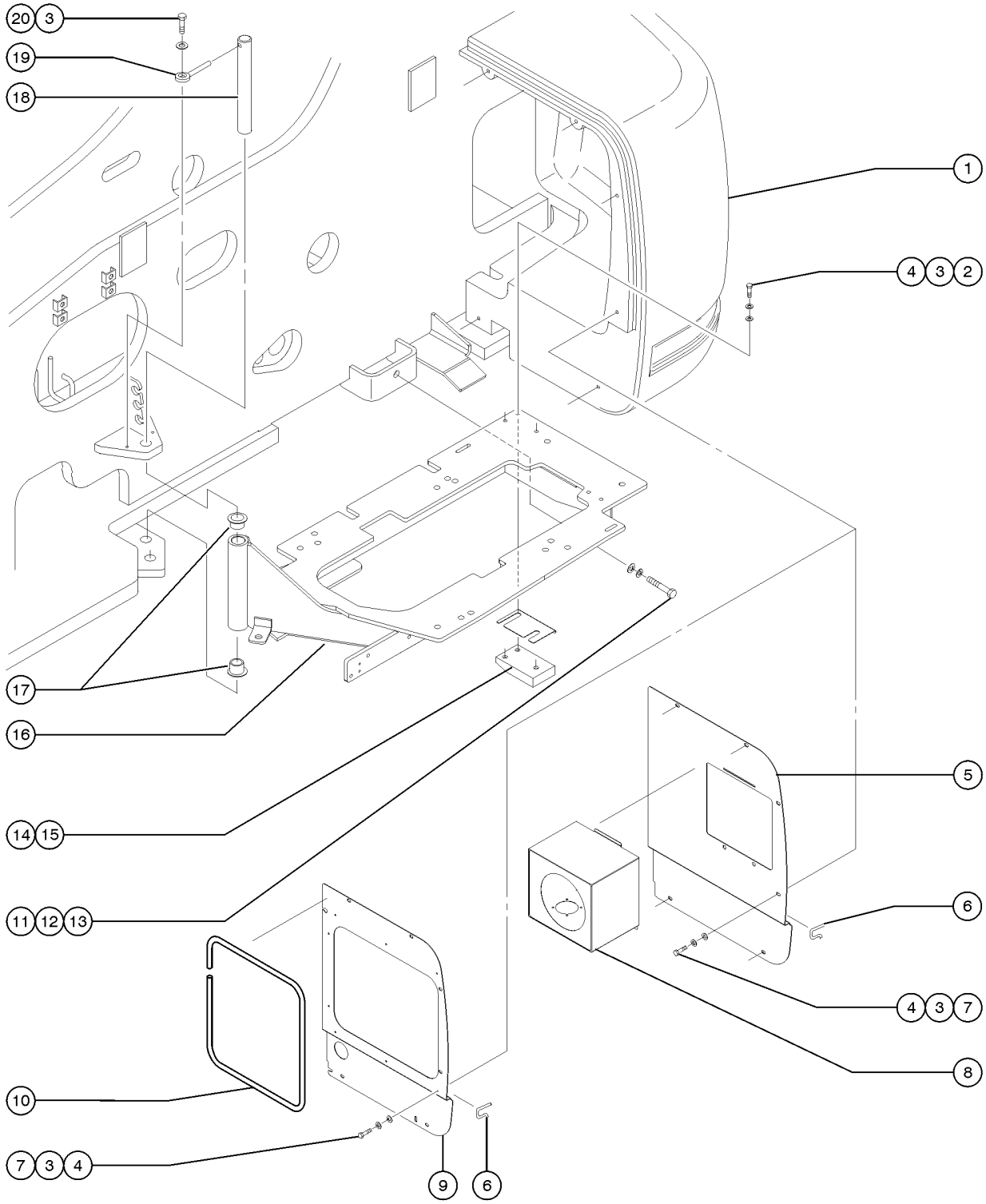
405.2 Cummins B3.3T Engine - View 2, S-120HD



405.2 Cummins B3.3T Engine - View 2, S-120HD

Item	*Part No.*	*Description*	*Qty.*
52-	21130GT	CLEVIS YOKE 1/4-28, PLATED	

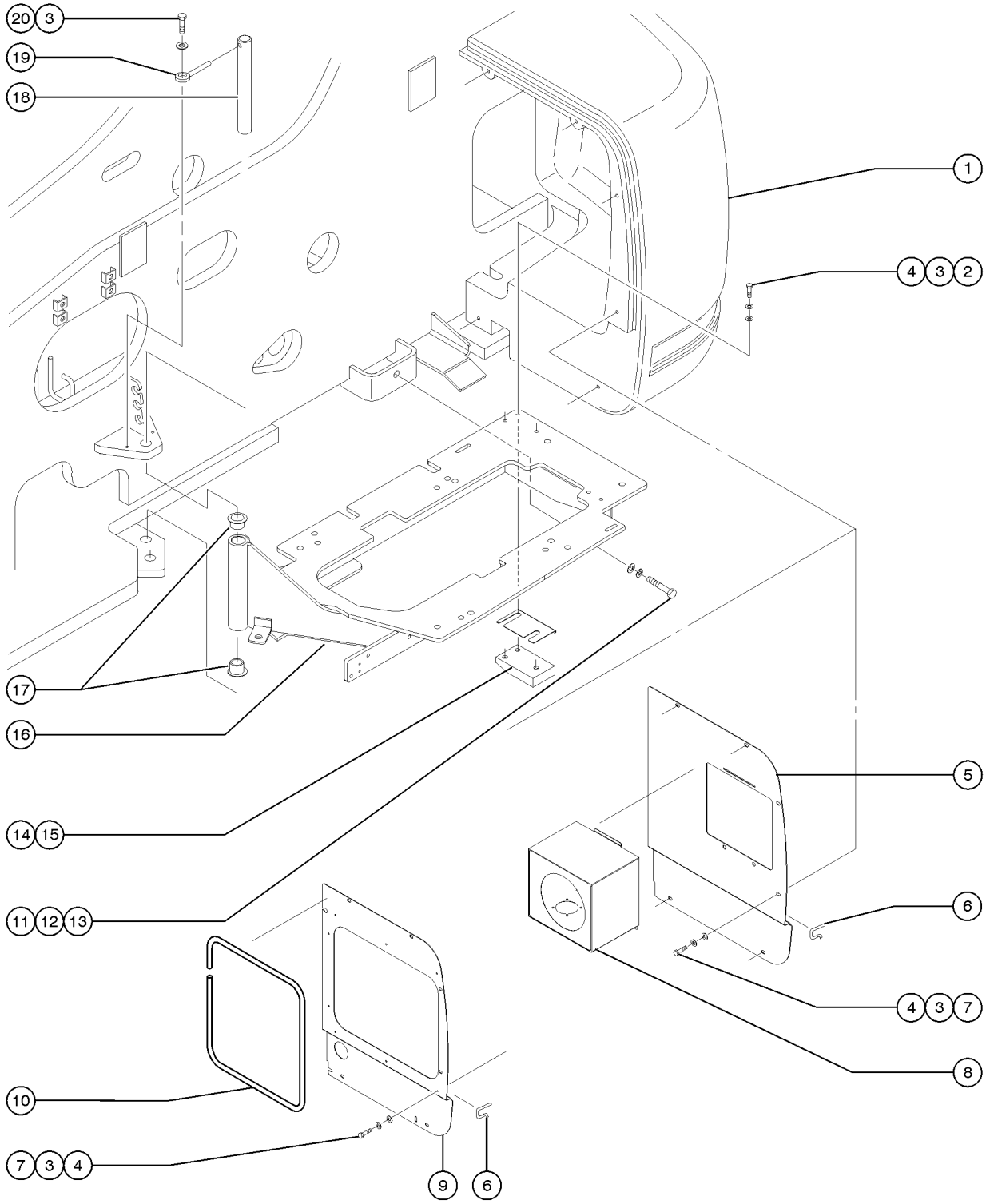
406.1 Engine Attached Components - View 1, S-100HD



406.1 Engine Attached Components - View 1, S-100HD

Item	Part No.	Description	Qty.
1		Ref. COUNTERWEIGHT (refer to 303.1)	
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021GT	WASHER, LOCK, .375	
4	5397GT	WASHER, FLAT, .313	
5	149293GT	FORMING,BULKHEAD,DEUTZ Deutz	
6	60875GT	TRIM MOLDING	96
7	6175GT	SCREW,HHC,3/8-16 X 1	
8	102218PGT	WELDMENT,AIR BOX,DEUTZ PAINTED Deutz	
9	128505GT	FORMING,ENGINE BAFFLE Cummins	
10	81476GT	TRIMLOCK, 1/16 Cummins	96
11	51131GT	SCREW,HHC,5/8-11 X 2.5	
12	6036GT	WASHER,LOCK,.625 PLTD	
13	6035GT	WASHER,FLAT,USS,5/8",Y	
14	60637GT	WEAR PAD, ENGINE SUPPORT	1
15	60826GT	SHIM, WEAR PAD ENG TRAY	
16	146054GT	ENGINE TRAY ASSEMBLY	
17	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	2
18	60625GT	PIN,1.25DIAX15.63LG,CHAMFER	1
19	825019GT	ROD END,.375 X 3.69,ZAG	1
20	8516GT	SCREW, HCC, 3/8-16 X 1.50	

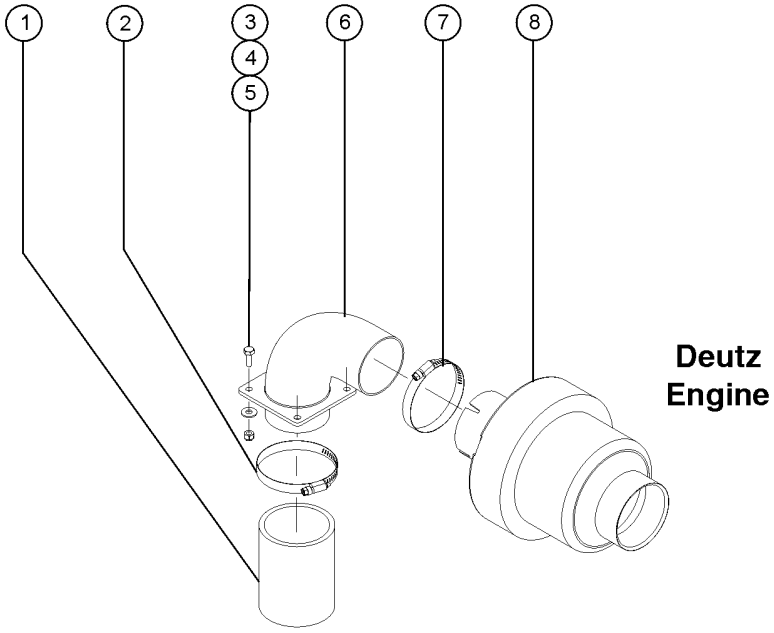
406.2 Engine Attached Components - View 1, S-120HD

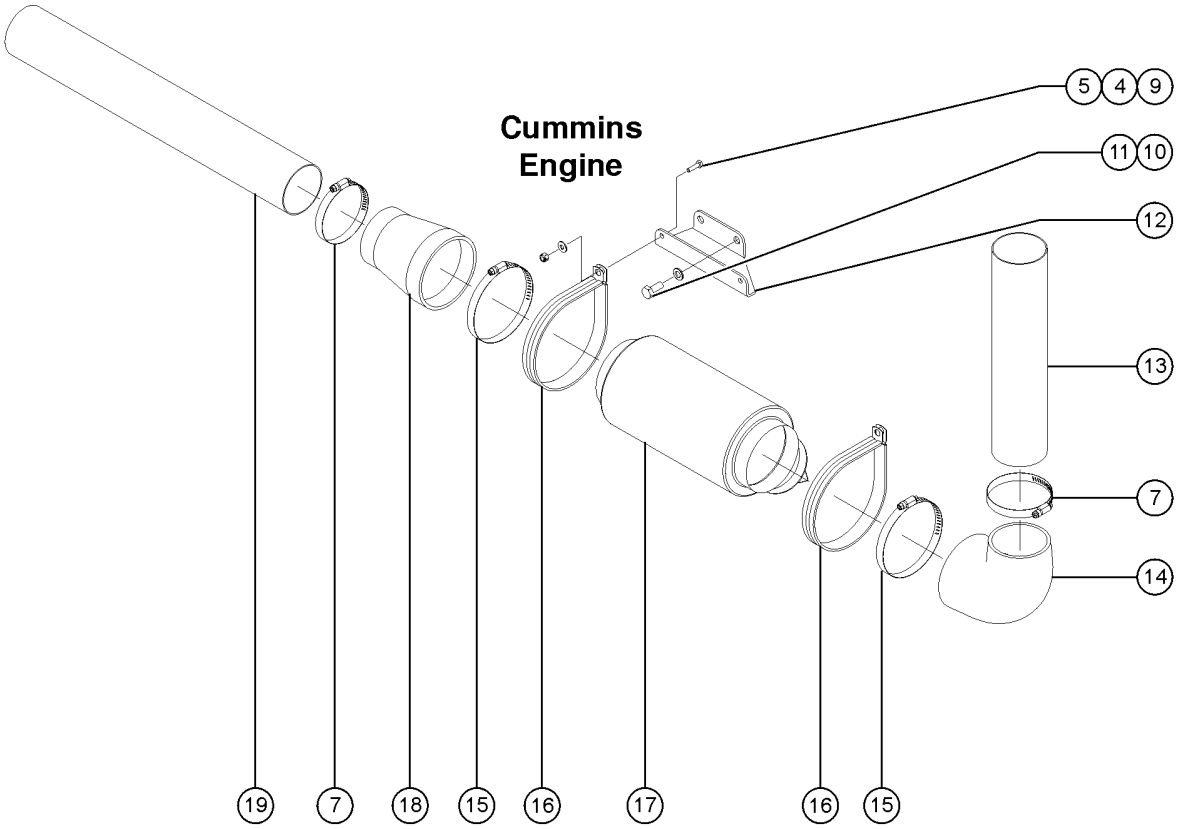


406.2 Engine Attached Components - View 1, S-120HD

Item	Part No.	Description	Qty.
1		Ref. COUNTERWEIGHT (refer to 303.1)	
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021GT	WASHER, LOCK, .375	
4	5397GT	WASHER, FLAT, .313	
5	149293GT	FORMING,BULKHEAD,DEUTZ Deutz	
6	60875GT	TRIM MOLDING	12
7	6175GT	SCREW,HHC,3/8-16 X 1	
8	102218PGT	WELDMENT,AIR BOX,DEUTZ PAINTED Deutz	
9	128505GT	FORMING,ENGINE BAFFLE Cummins	
10	81476GT	TRIMLOCK, 1/16 Cummins	96
11	51131GT	SCREW,HHC,5/8-11 X 2.5	
12	6036GT	WASHER,LOCK,.625 PLTD	
13	6035GT	WASHER,FLAT,USS,5/8",Y	
14	60637GT	WEAR PAD, ENGINE SUPPORT	1
15	60826GT	SHIM, WEAR PAD ENG TRAY	
16	146054GT	ENGINE TRAY ASSEMBLY	
17	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	2
18	60625GT	PIN,1.25DIAX15.63LG,CHAMFER	1
19	825019GT	ROD END,.375 X 3.69,ZAG	1
20	8516GT	SCREW, HCC, 3/8-16 X 1.50	

407.1 Engine Attached Components - View 2, S-100HD

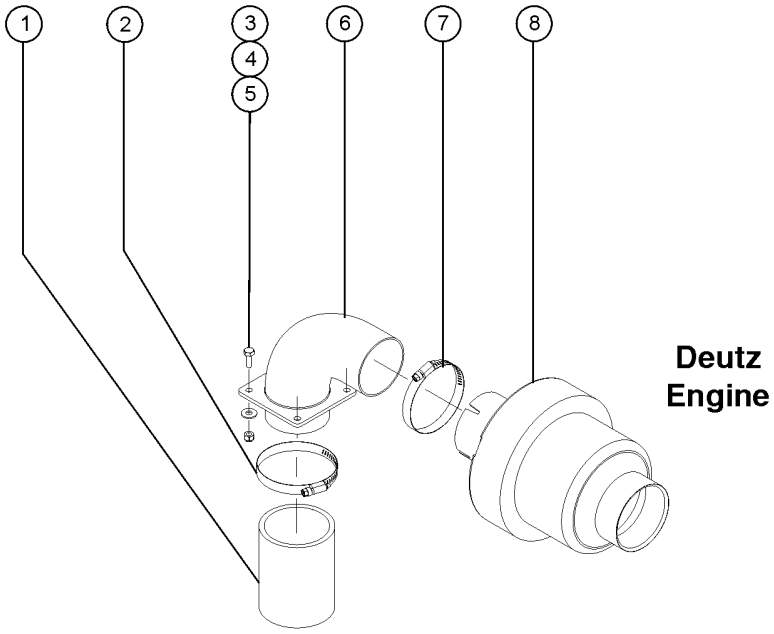


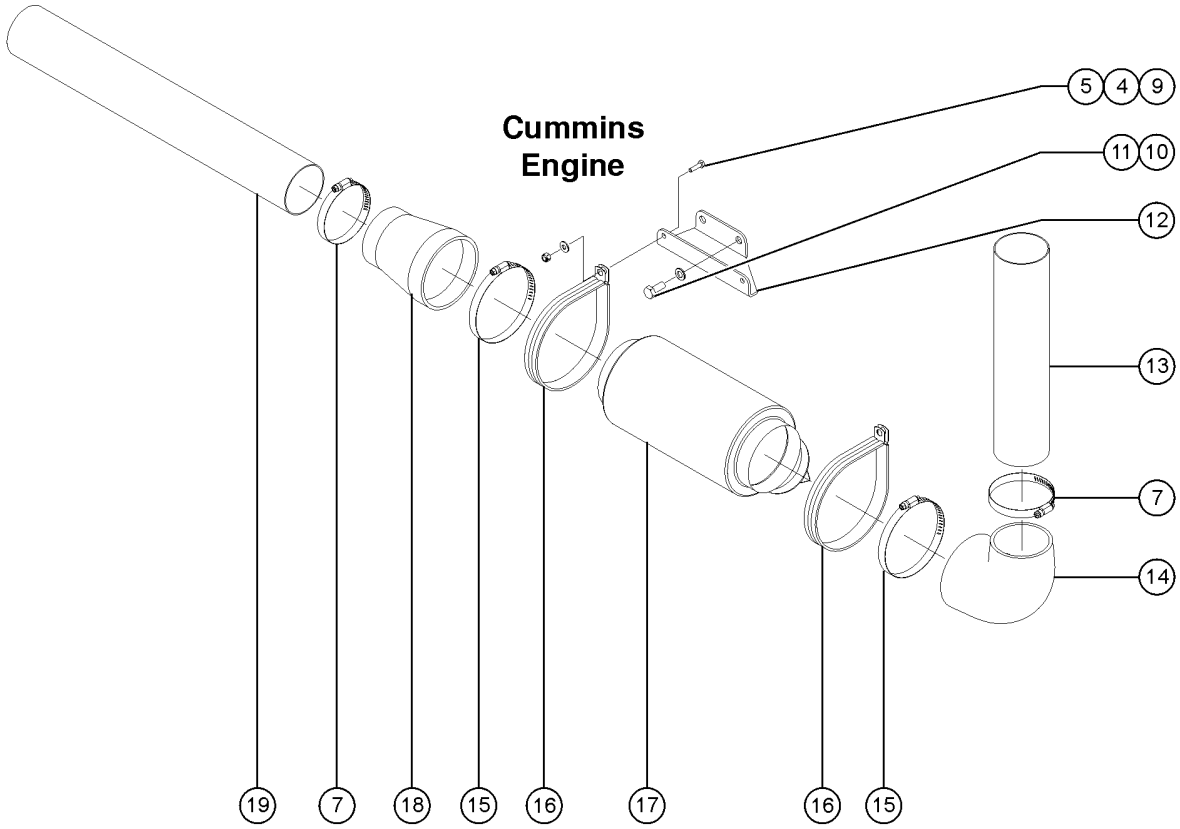


407.1 Engine Attached Components - View 2, S-100HD

Item	Part No.	Description	Qty.
-	70515GT	KIT,PRECLEANER DEUTZ***	
-	122910GT	OPT,PRECLEANER CUMMINS B3.3T	
1	106211-400GT	HOSE,RUBBER 3"ID X .25 BLACK	1
2	30489GT	CLAMP, HOSE, 3.50"	1
3	6090GT	SCREW, HHC, 1/4-20 X .75	
4	6638GT	WASHER,FLAT, USS, 1/4"Y	
5	6091GT	NUT, NYLOCK, 1/4-20	
6	102220GT	WELDMENT,PRECLEANER,DEUTZ	1
7	30971GT	CLAMP,HOSE,3.00"	3
8	89959GT	PRECLEANER,INLINE 3"	2
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
11	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
12	122914GT	BRACKET,PRECLEANER MNT B3.3T	
13	122912GT	TUBE,INTAKE,PRECLEANER B3.3T	1
14	122913GT	REDUCER,90DEG,4.0 X 3.0	1
15	34955GT	CLAMP, HOSE, 5.00	2
16	101639GT	CLAMP,5.38,#86 X 3/8,RUB CUSH	2
17	88493GT	PRECLEANER,AIR INTAKE	1
18	122432GT	REDUCER,RUBBER,4.0 X 3.0	1
19	122911GT	TUBE,INTAKE,PRECLEANER B3.3T	

407.2 Engine Attached Components - View 2, S-120HD

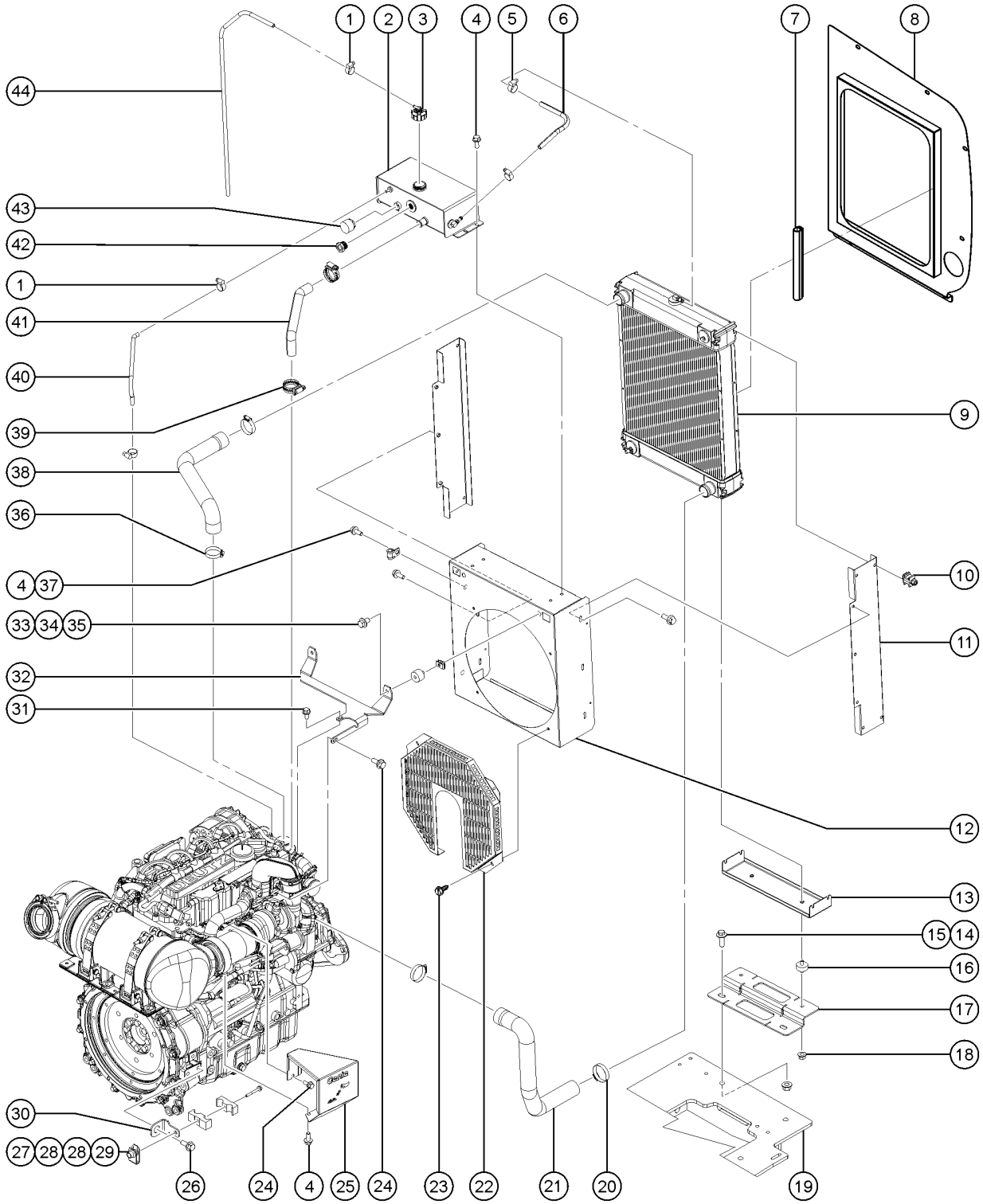




407.2 Engine Attached Components - View 2, S-120HD

Item	Part No.	Description	Qty.
-	70515GT	KIT,PRECLEANER DEUTZ***	
-	122910GT	OPT,PRECLEANER CUMMINS B3.3T	
1	106211-400GT	HOSE,RUBBER 3"ID X .25 BLACK	1
2	30489GT	CLAMP, HOSE, 3.50"	1
3	6090GT	SCREW, HHC, 1/4-20 X .75	
4	6638GT	WASHER,FLAT, USS, 1/4"Y	
5	6091GT	NUT, NYLOCK, 1/4-20	
6	102220GT	WELDMENT,PRECLEANER,DEUTZ	1
7	30971GT	CLAMP,HOSE,3.00"	3
8	89959GT	PRECLEANER,INLINE 3"	2
9	6888GT	SCREW, HHC, 1/4-20 X 1	
10	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
11	22699GT	WASHER, FLAT, M10, ZINC PLTD.	
12	122914GT	BRACKET,PRECLEANER MNT B3.3T	
13	122912GT	TUBE,INTAKE,PRECLEANER B3.3T	1
14	122913GT	REDUCER,90DEG,4.0 X 3.0	1
15	34955GT	CLAMP, HOSE, 5.00	2
16	101639GT	CLAMP,5.38,#86 X 3/8,RUB CUSH	2
17	88493GT	PRECLEANER,AIR INTAKE	1
18	122432GT	REDUCER,RUBBER,4.0 X 3.0	1
19	122911GT	TUBE,INTAKE,PRECLEANER B3.3T	

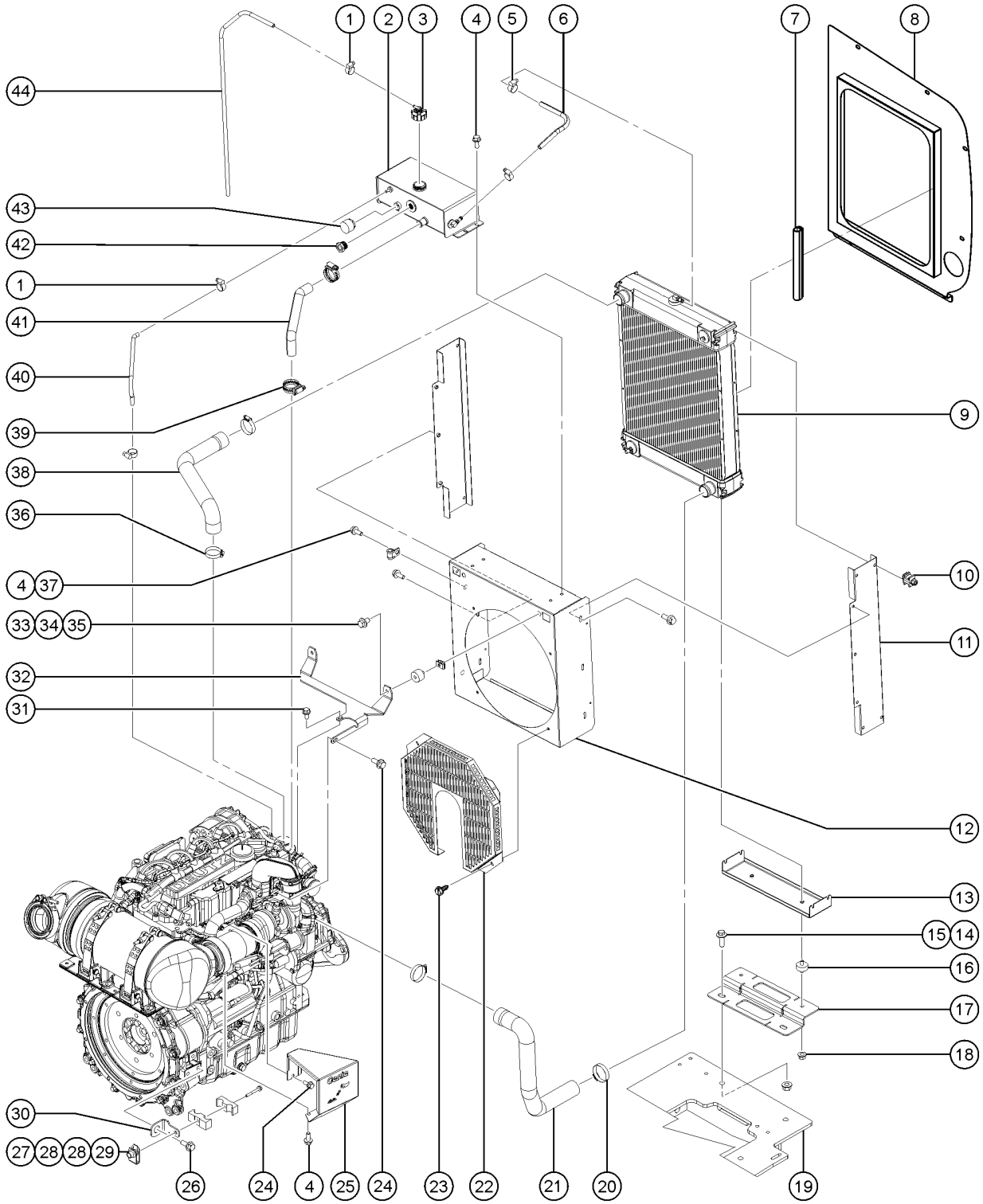
408.1 Deutz TD 2.9L4 Engine - View 1



408.1 Deutz TD 2.9L4 Engine - View 1

Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine	
B	237730GT	ENGINE KIT, DEUTZ TD 2.9	1
C	1253502GT	HARNESS, DEUTZ 2.9L, TIER IV,SBOOM	1
D	1312977GT	COOLING SYSTEM RCP-13-077	1
1	21465GT	CLAMP,HOSE,.25" - .63" X .3125	3
2	1294613GT	DEGAS TANK,AL,RCP-13-077	1
3	1254081GT	PRESSURE CAP RCP	1
4	824132GT	SCREW,HHF,M8-1.25X20,DIN6921,10.9,ZAB	8
5	96770GT	CLAMP, HOSE, 1 EAR, 11/16	2
6	823420-1772GT	HOSE,FUEL,3/8,GATES RLA 60"	14
7	60875GT	TRIM MOLDING	1
8	1253325GT	BAFFLE,AIR INTAKE DIESEL, T4	1
9	1252015GT	RADIATOR RCP	1
10	1253233GT	ISOLATOR ASSY RCP RADIATOR	8
11	1253231GT	FORMING RADIATOR SIDE MOUNT	2
12	1253230GT	FORMING FAN SHROUD RCP 2.9L	1
13	1253232GT	FORMING RADIATOR BOTTOM MOUNT RCP	1
14	1251894GT	SCREW,HHF,M16-2.0 X 45,DIN 6921,10.9, ZAB	
15	1251893GT	NUT,TL,FLG,M16-2.0,DIN6927,10,ZAB	
16	1255631GT	ISOLATOR, M10-1.50, 5/8" HIGH	2
17	1251720GT	WELDMENT, RADIATOR MOUNT	1
18	231529GT	NUT,TL FLG,M10-1.5,DIN6927,10	
19		Ref. Engine tray (refer to 411.1)	
20	35434GT	CLAMP,HOSE,2.00***	2
21	1252018GT	HOSE, 20R4, LOWER	1
22	1253218GT	FORMING FAN SHROUD RCP	1
23	1253234GT	SCREW SHEET METAL HHF X1/2 X .18OD	
24	824131GT	SCREW,HHF,M6-1.0X16,DIN6921,10.9,ZAB	

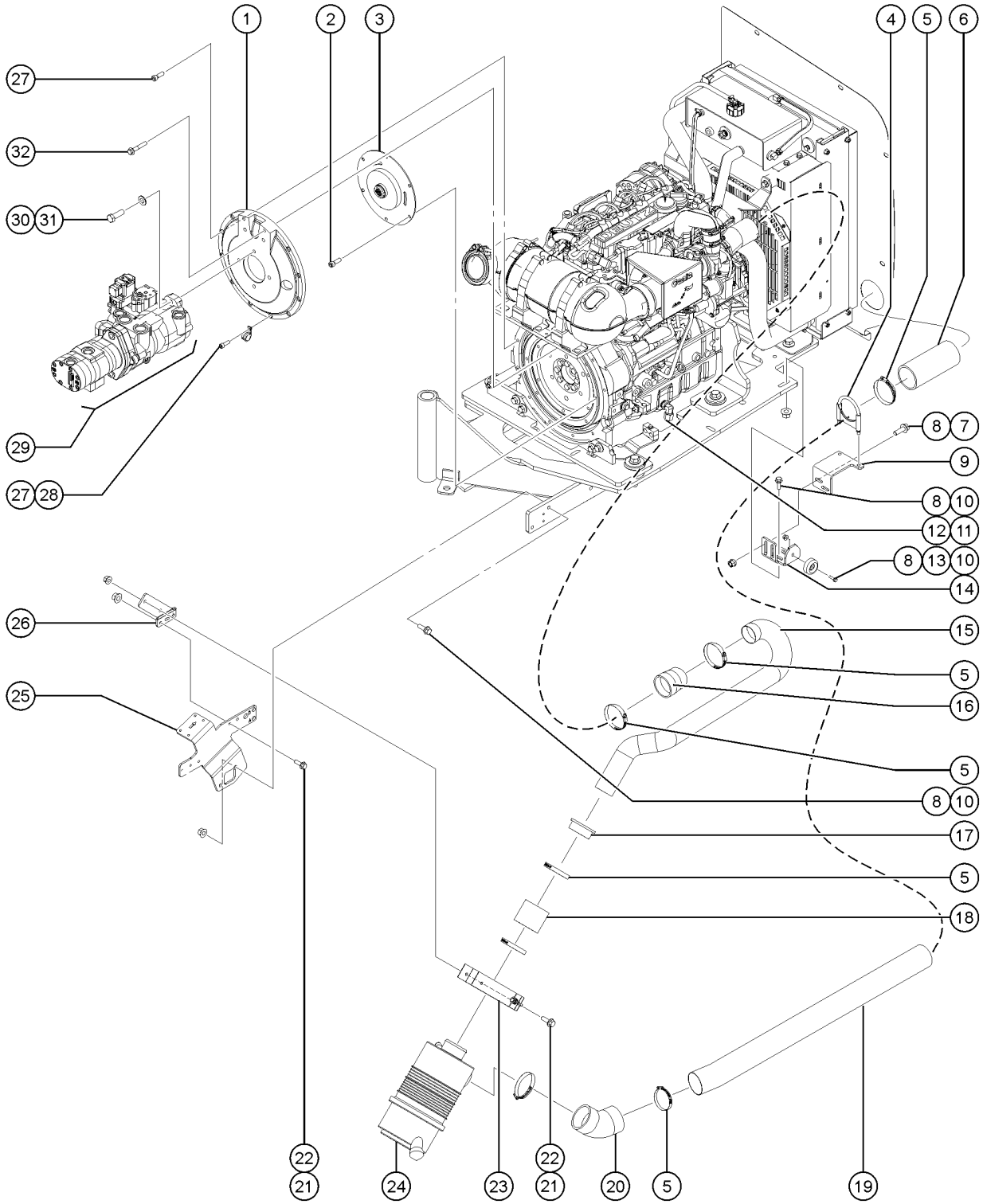
408.1 Deutz TD 2.9L4 Engine - View 1



408.1 Deutz TD 2.9L4 Engine - View 1

Item	Part No.	Description	Qty.
25	1254949GT	HEAT SHIELD,DEUTZ TD2.9L	1
26	1255806GT	SCREW,HHF,M12-1.75X20,DIN6921,10.9,ZAB	1
27	230073GT	SPRING CLIP,M6-1.0,0.8-4.0X13.5,ZAB	1
28	217460GT	CLAMP,BATTERY CABLE	2
29	216597GT	SCREW,HHF,M6-1.0X50,DIN6921,10.9,ZAB	1
30	1256480GT	FORMING,LOOM SUPPORT	1
31	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	
32	1255342GT	FORMING,RADIATOR SUPPORT	1
33	237352GT	SCREW,HHF,M10-1.5X16,DIN6921,10.9,ZAB	
34	1255451GT	ISOLATOR VIBRATION DAMPENER	2
35	230074GT	SPRING CLIP,M10-1.5,1-6X19,ZAB	
36	22672GT	CLAMP,HOSE,1.75	2
37	1257844GT	CLAMP,TUBE/HOSE,LOOP/OFFSET,12.7mmOD	2
38	1252017GT	HOSE, 20R4, UPPER	1
39	36208GT	CLAMP,HOSE,1.25***	2
40	824600GT	HOSE,HEATER,1/4" 4"	14-inches
41	1252019GT	HOSE,DEGAS RETURN,22MM ID	1
42	1254418GT	SIGHT GLASS DEGAS RCP	1
43	218715GT	COOLANT LEVEL SNSR, DEUTZ D2.9/TCD3.6	1
44	824600GT	HOSE,HEATER,1/4" 4"	43-inches

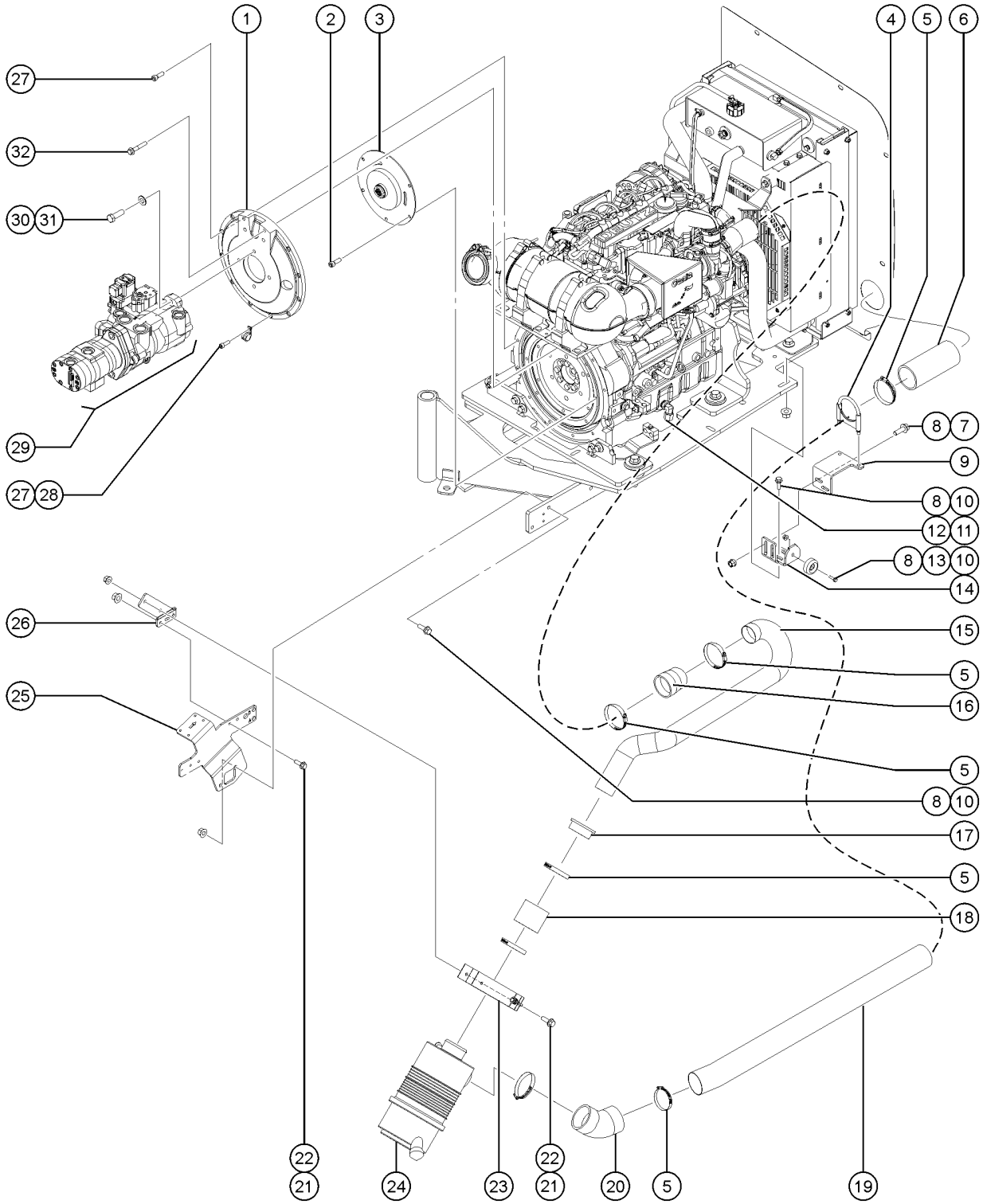
409.1 Deutz TD 2.9L4 Engine - View 2



409.1 Deutz TD 2.9L4 Engine - View 2

Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine	
1	70381GT	COVER, FLYWHEEL CASTING	1
2	1255665GT	SCREW,SHC,M10-1.50X20,DIN912,12.9,ZAB	1
3	128004GT	COUPLER, 15 TOOTH, FBA, SAE 8	1
4	122414GT	U-BOLT,GUILLOTINE,3"	1
5	30971GT	CLAMP,HOSE,3.00"	7
6	106211-800GT	HOSE,RUBBER 3"ID X .25 BLACK X 6.00 LG	1
7	232874GT	SCREW,HHF,M10-1.5X30,DIN6921,10.9,ZAB	2
8	231529GT	NUT,TL FLG,M10-1.5,DIN6927,10	6
9	1262525GT	FORMING,INTAKE SUPPORT,SB	1
10	231533GT	SCREW,HHF,M10-1.5X35,DIN6921,10.9,ZAB	4
11	69775GT	CAP,520112-8	1
12	54428GT	FITTING,HYDRAULIC,90DEG,O-RING	1
13	50974GT	BUMPER,RUBBER,COVERS	1
14	1254669GT	FORMING, COVER STOP	1
15	826352GT	TUBE,INTAKE,DEUTZ 2.9L	1
15-	1264657GT	REFLECTIVE INSULATING SLEEVE, PRESSURIZER	1
16	826351GT	HOSE,REDUCER,TURBO INLET,DEUTZ	1
17	101640GT	REDUCER,RUBBER 3.0 - 2.5	1
18	106211-300GT	HOSE,RUBBER 3"ID X .25 BLACK	1
19	1253600GT	AIR SUCTION PIPE,DIESEL,T4	1
19-	1264656GT	REFLECTIVE INSULATING SLEEVE, INTAKE	1
20	61270GT	ELBOW,45 DEG,INLET	1
21	824133GT	SCREW,HHF,M8-1.25X25,DIN6921,10.9,ZAB	4
22	237832GT	NUT,TL FLG,M8-1.25,DIN6927,10,ZAB	4
23	81468GT	MOUNTING BAND,AIR CLEANER	1
24	81467GT	AIR CLEANER,NELSON	1
25	215517GT	FORMING,CHARGE FILTER MOUNT	1

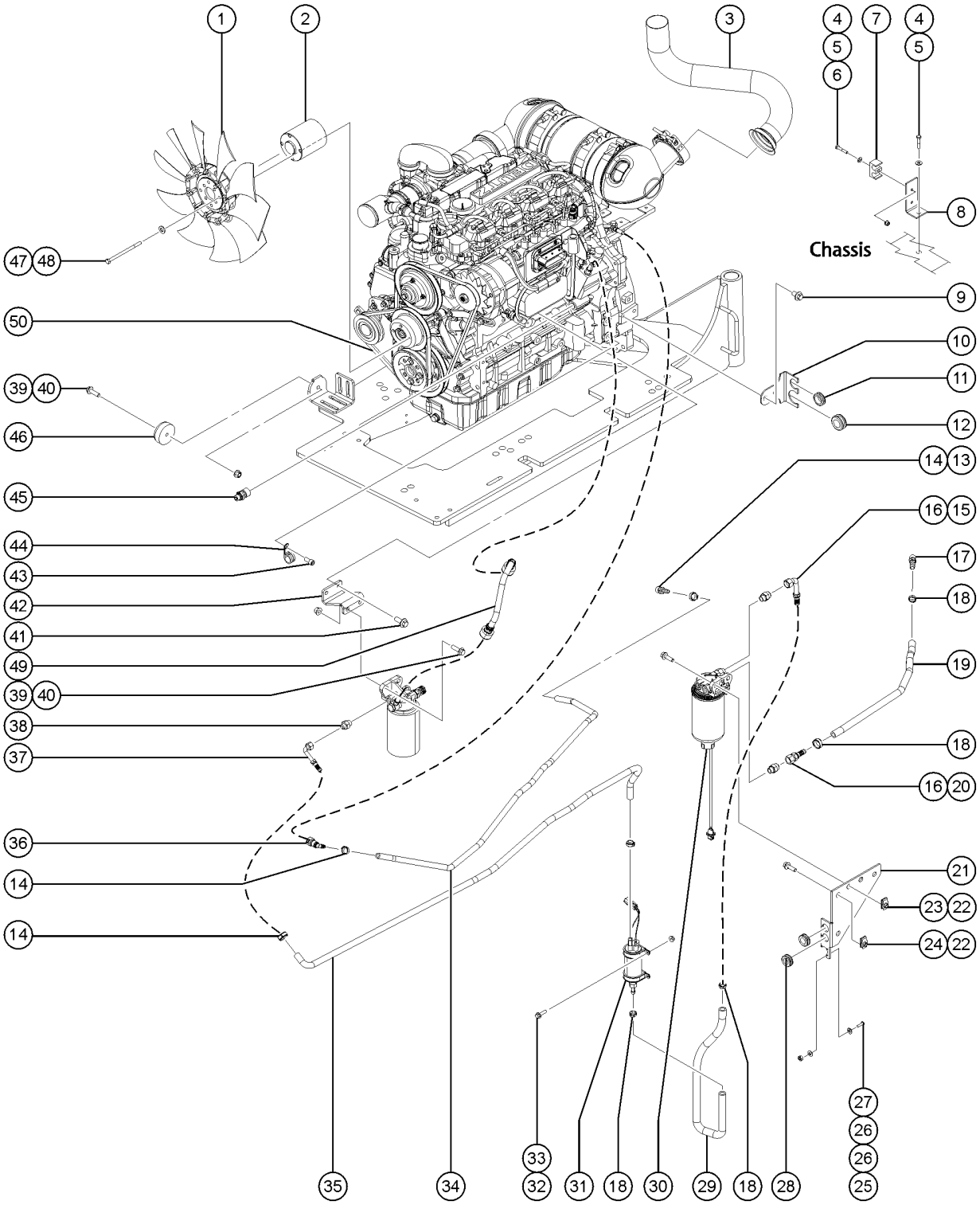
409.1 Deutz TD 2.9L4 Engine - View 2



409.1 Deutz TD 2.9L4 Engine - View 2

Item	Part No.	Description	Qty.
26	1251708GT	FORMINNG AIR CLEANER	1
27	1255666GT	SCREW,SHC,M10-1.5X30,DIN912,12.9,ZAB	1
28	60838GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	1
29		Ref. pump assembly (refer to 710.1)	1
30	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8	2
31	13066GT	WASHER,FLAT,.5 HARDENED	2
32	216036GT	SCREW,HHF,M10-1.5X60,DIN6921,1	2

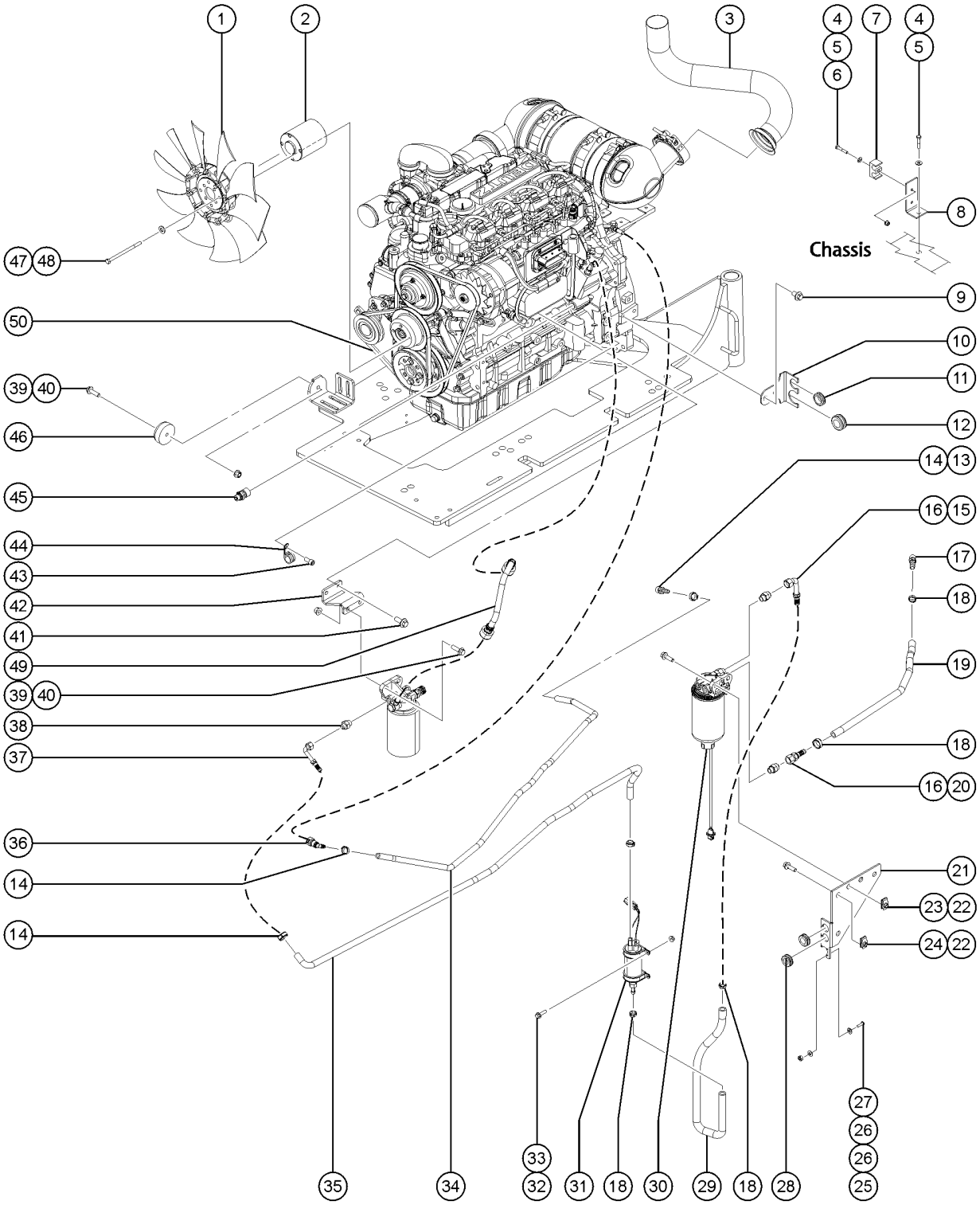
410.1 Deutz TD 2.9L4 Engine - View 3



410.1 Deutz TD 2.9L4 Engine - View 3

Item	Part No.	Description	Qty.
A		For internal engine parts, contact engine	
1	1251496GT	FAN,10 BLADE,17",DEUTZ 2.9L	1
2	1257753GT	FAN SPACER,DEUTZ 2.9L	1
3	826348GT	EXHAUST PIPE, 2.9L DEUTZ	1
4	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG	2
5	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
6	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	1
7	70289GT	CLAMP,LINK,LH WELD WIRE	1
8	70535GT	BRACKET,BATTERY CABLE	1
9	1255806GT	SCREW,HHF,M12-1.75X20,DIN6921,10.9,ZAB	3
10	1257888GT	FORMING, ENGINE HARNESS SUPPORT	1
11	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	1
12	106923GT	GROMMET,RUBBER .38X1.38X1.0	1
13	27901GT	HOSE END,BARBED,RIGID,-6-6	1
14	96770GT	CLAMP, HOSE, 1 EAR, 11/16	4
15	162207GT	FITTING,ELBOW,8GS-8FJX90S	1
16	162209GT	FITTING,CONN,16MM-8MJ	2
17	824471GT	FITTING,3/8 NPT TO 1/2 BARB	1
18	822087GT	CLAMP,HOSE,1EAR,25/32	4
19	823421GT	HOSE,FUEL,1/2,GATES RLA	30
20	824635GT	FITTING,STR,1/2 HS X 3/4-16,JIC,SW,FEMALE,STEEL	1
21	1253327GT	BRACKET,FUEL SYSTEM,DEUTZ 2.9L	1
22	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	5
23	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
24	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	3
25	824214GT	SCREW,PHPM,6-32X.50,ZAG	4
26	825357GT	WASHER,FLAT,M4,DIN125,ZAB	8
27	824019GT	NUT, TL, 6-32, A, ZAG	4

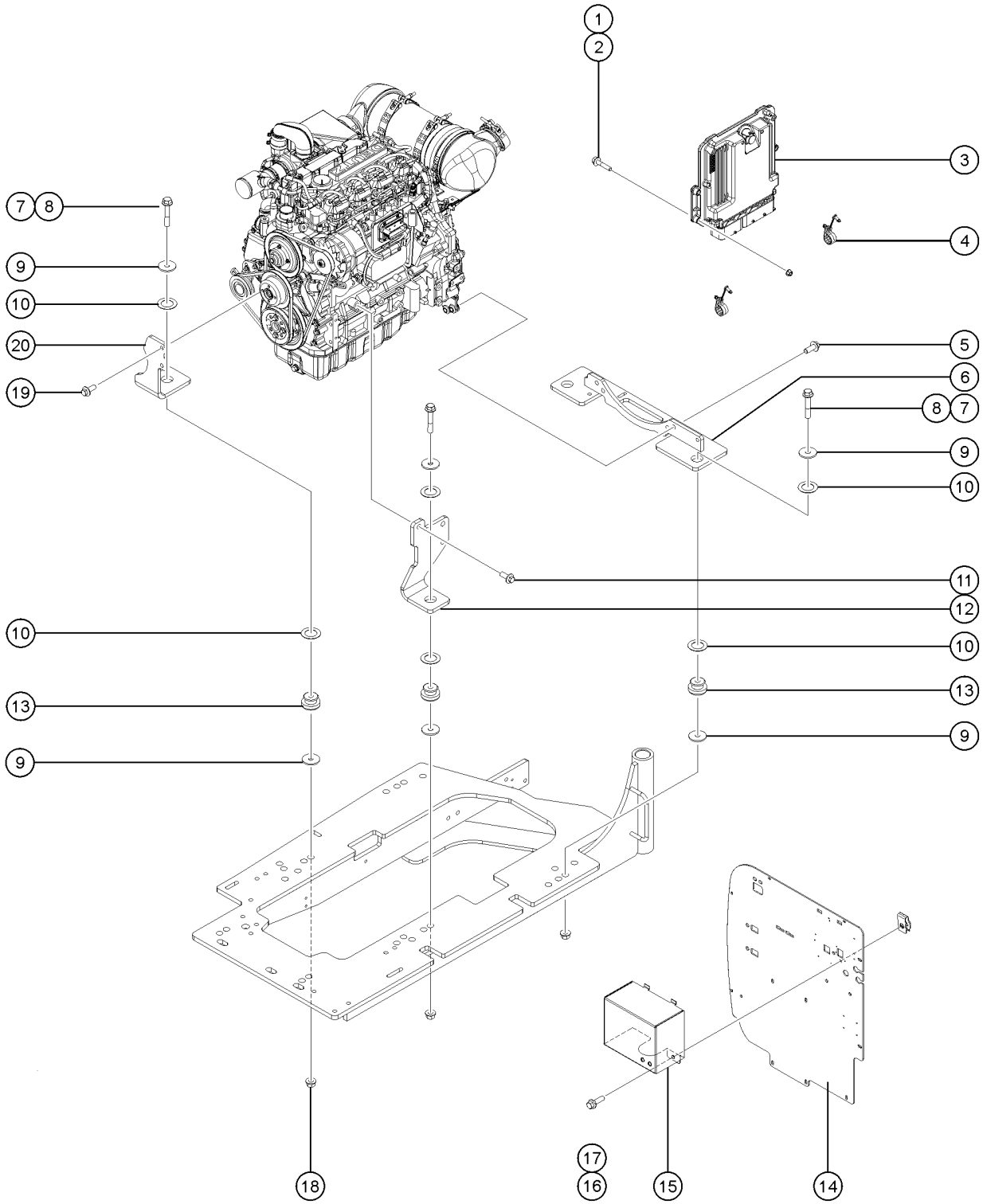
410.1 Deutz TD 2.9L4 Engine - View 3



410.1 Deutz TD 2.9L4 Engine - View 3

Item	Part No.	Description	Qty.
28	60584GT	GROMMET,RUBBER .75 X .19 X 1	2
29	823421GT	HOSE,FUEL,1/2,GATES RLA	28
30	236260GT	FILTER, FUEL PRE-FILTER, SPIN-ON, DEUTZ	1
31	236259GT	LIFT PUMP,FUEL,DEUTZ TCD3.6	1
32	218458GT	SCREW,HHF,M5-0.8X20,DIN6921,10.9,ZAB	4
33	1255753GT	NUT,FLG,M5-0.8,DIN6923,8,ZAB	4
34	823420-1772GT	HOSE,FUEL,3/8,GATES RLA 60"	63
35	823420-1772GT	HOSE,FUEL,3/8,GATES RLA 60"	65
36	826000GT	CONNECTOR, SAE10, QUICK CONNECT	1
37	162206GT	FITTING,ELBOW,6GS-6FJX90S	1
38	162208GT	FITTING,CONN,16MM-6MJ	1
39	231533GT	SCREW,HHF,M10-1.5X35,DIN6921,10.9,ZAB	3
40	231529GT	NUT,TL FLG,M10-1.5,DIN6927,10	3
41	231088GT	SCREW,HHF,M10-1.5X20,DIN6921,10.9,ZAB	2
42	1256911GT	FORMING FUEL FILTER DEUTZ	1
43	39653GT	SCREW,SHC,M12-1.75X25 DIN 912, 12.9, ZAB	1
44	61109GT	CLAMP,1.25,#20 X 7/16,RUB CSH	1
45	824673GT	SENSOR,LOW PRESSURE,DEUTZ 2.9L	1
46	50974GT	BUMPER,RUBBER,COVERS	1
47	1257774GT	SCREW,HHC,M8-1.25X95,DIN931,10.9,ZAB	4
48	824144GT	WASHER,FLAT,M8,DIN125,ZAB	4
49	1269690-2670GT	HOSE ASSEMBLY-1/2" FUEL GATES,STR FEM,STR FEM	1
49-	823421GT	HOSE,FUEL,1/2,GATES RLA	24
49-	1255651GT	CONNECTOR,SAE12,QUICK CONNECT	2
49-	822087GT	CLAMP,HOSE,1EAR,25/32	2
49-	1270283GT	CAP, SAE12, QUICK CONNECT	2
50	1262867GT	V-BELT, DEUTZ	1

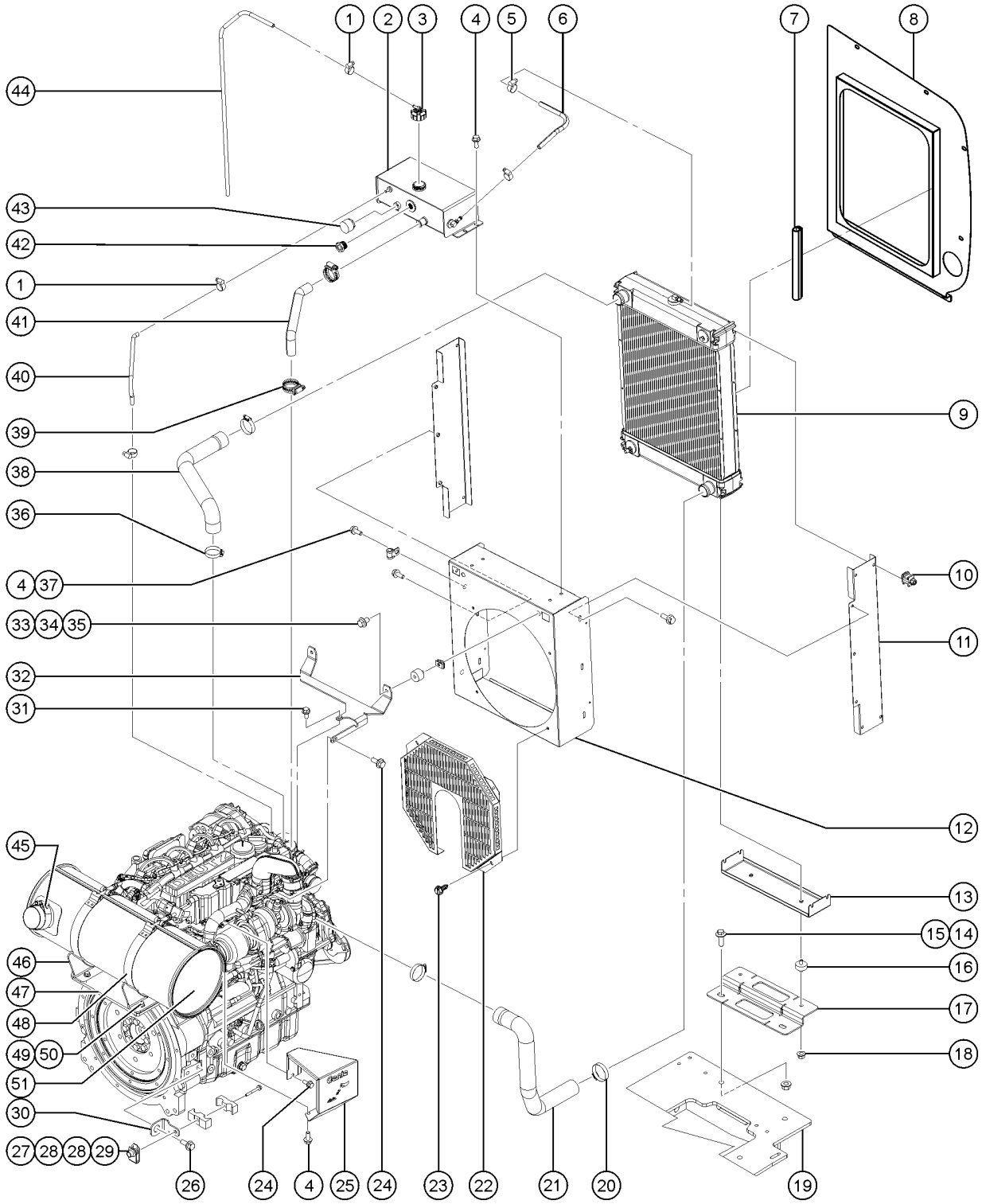
411.1 Deutz TD2.9L4 Engine - View 4



411.1 Deutz TD2.9L4 Engine - View 4

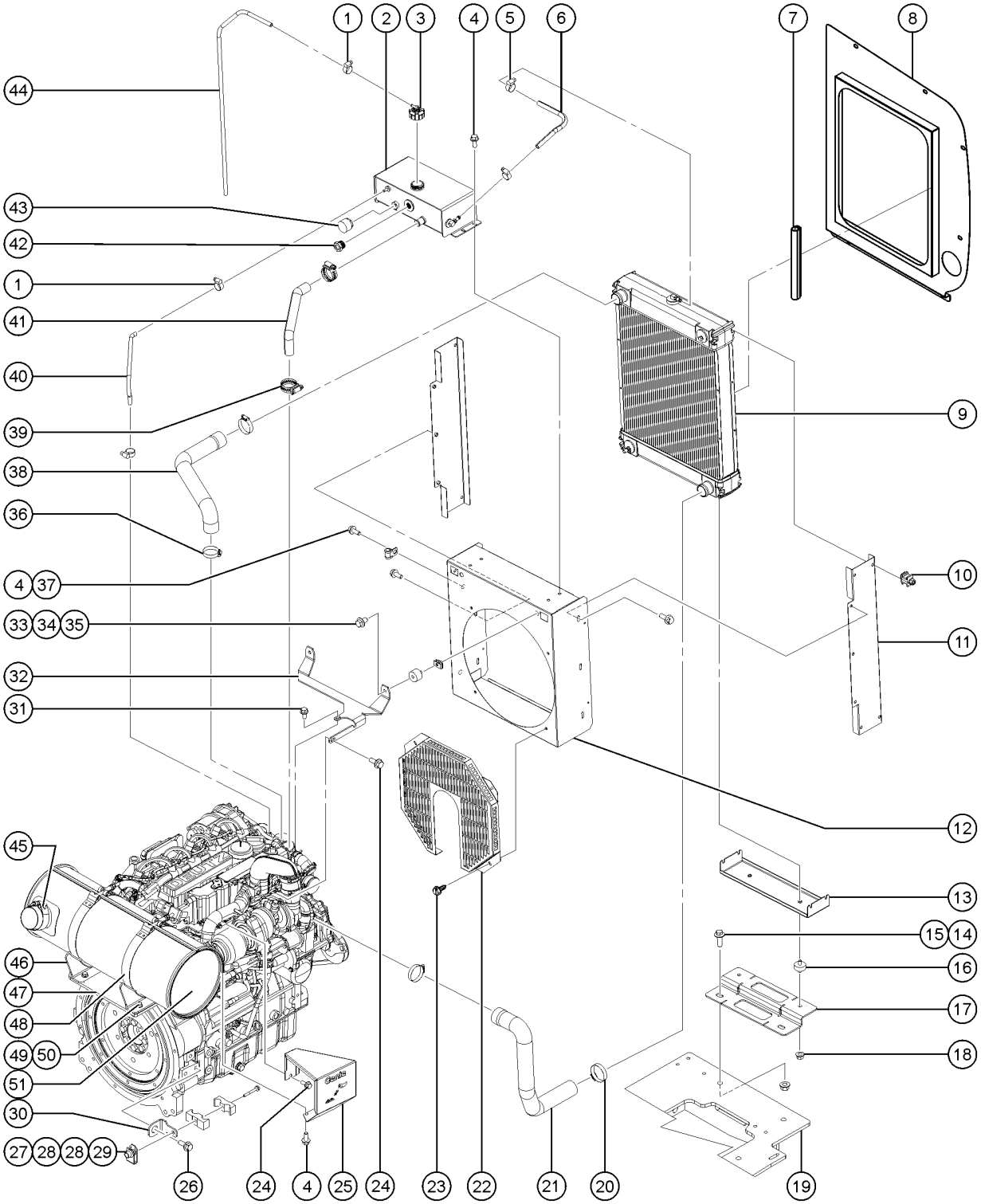
Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine	
1	231531GT	SCREW,HHF,M6X30,DIN6921,10.9,Y	4
2	231513GT	NUT,TL FLG,M6-1.0,DIN6927,10,ZAB	4
3	214795GT	ECM, Deutz D2.9	1
4	121603GT	CLAMP,FIXED DIA.NYLON,.875"	2
5	1251899GT	SCREW,HHF,M14-2.0 X 40,DIN 6921,10.9, ZAB	4
6	70440GT	WELDMENT,REAR ENGINE MOUNT	1
7	1256583GT	SCREW,HHF,5/8-11X3.5,8,ZAG	4
8	1253319GT	NUT,TL FLG,5/8-11,G,ZAG	4
9	824123GT	WASHER,FLAT,.625X2.25X.188,ZAG	8
10	1251565GT	WASHER,SHIM,1.56X2.5X.061,ZAG	8
11	1256776GT	SCREW,HHF,M14-2.0X35,DIN6921,10.9,ZAB	3
12	1256805GT	MOUNT,ENGINE,LEFT SIDE	1
13	217500GT	ISOLATOR, ENGINE VIBRATION	4
14	1253326GT	PLATE, FUEL TANK BULKHEAD	1
15	1258412GT	COVER, RELAY,SB T4	1
16	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	1
17	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	1
18	128314GT	WELDMENT, ENGINE TRAY	1
19	824134GT	SCREW,HHF,M12-1.75X30,DIN6921,10.9,ZAB	2
20	1251705GT	FORMING, ENGINE MOUNT	1

412.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 1



Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer.	
B	237730GT	ENGINE KIT, DEUTZ TD 2.9	1
C	1253502GT	HARNESS, DEUTZ 2.9L, TIER IV,SBOOM	1
D	1312977GT	COOLING SYSTEM RCP-13-077 (includes items 2-4, 9-13, 21-23, 38, 41-42	1
1	21465GT	CLAMP,HOSE,.25" - .63" X .3125	3
2	1294613GT	DEGAS TANK,AL,RCP-13-077	1
3	1254081GT	PRESSURE CAP RCP	1
4	824132GT	SCREW,HHF,M8-1.25X20,DIN6921,10.9,ZAB	8
5	96770GT	CLAMP, HOSE, 1 EAR, 11/16	2
6	823420-1772GT	HOSE,FUEL,3/8,GATES RLA 60"	14
7	60875GT	TRIM MOLDING	1
8	1253325GT	BAFFLE,AIR INTAKE DIESEL, T4	1
9	1252015GT	RADIATOR RCP	1
10	1253233GT	ISOLATOR ASSY RCP RADIATOR	8
11	1253231GT	FORMING RADIATOR SIDE MOUNT	2
12	1253230GT	FORMING FAN SHROUD RCP 2.9L	1
13	1253232GT	FORMING RADIATOR BOTTOM MOUNT RCP	1
14	1251894GT	SCREW,HHF,M16-2.0 X 45,DIN 6921,10.9, ZAB	2
15	1251893GT	NUT,TL,FLG,M16-2.0,DIN6927,10,ZAB	2
16	1255631GT	ISOLATOR, M10-1.50, 5/8" HIGH	2
17	1251720GT	WELDMENT, RADIATOR MOUNT	1
18	231529GT	NUT,TL FLG,M10-1.5,DIN6927,10	2
19		Ref. Engine tray (refer to 411.1)	
20	35434GT	CLAMP,HOSE,2.00***	2
21	1252018GT	HOSE, 20R4, LOWER	1
22	1253218GT	FORMING FAN SHROUD RCP	1
23	1253234GT	SCREW SHEET METAL HHF X1/2 X .18OD	4

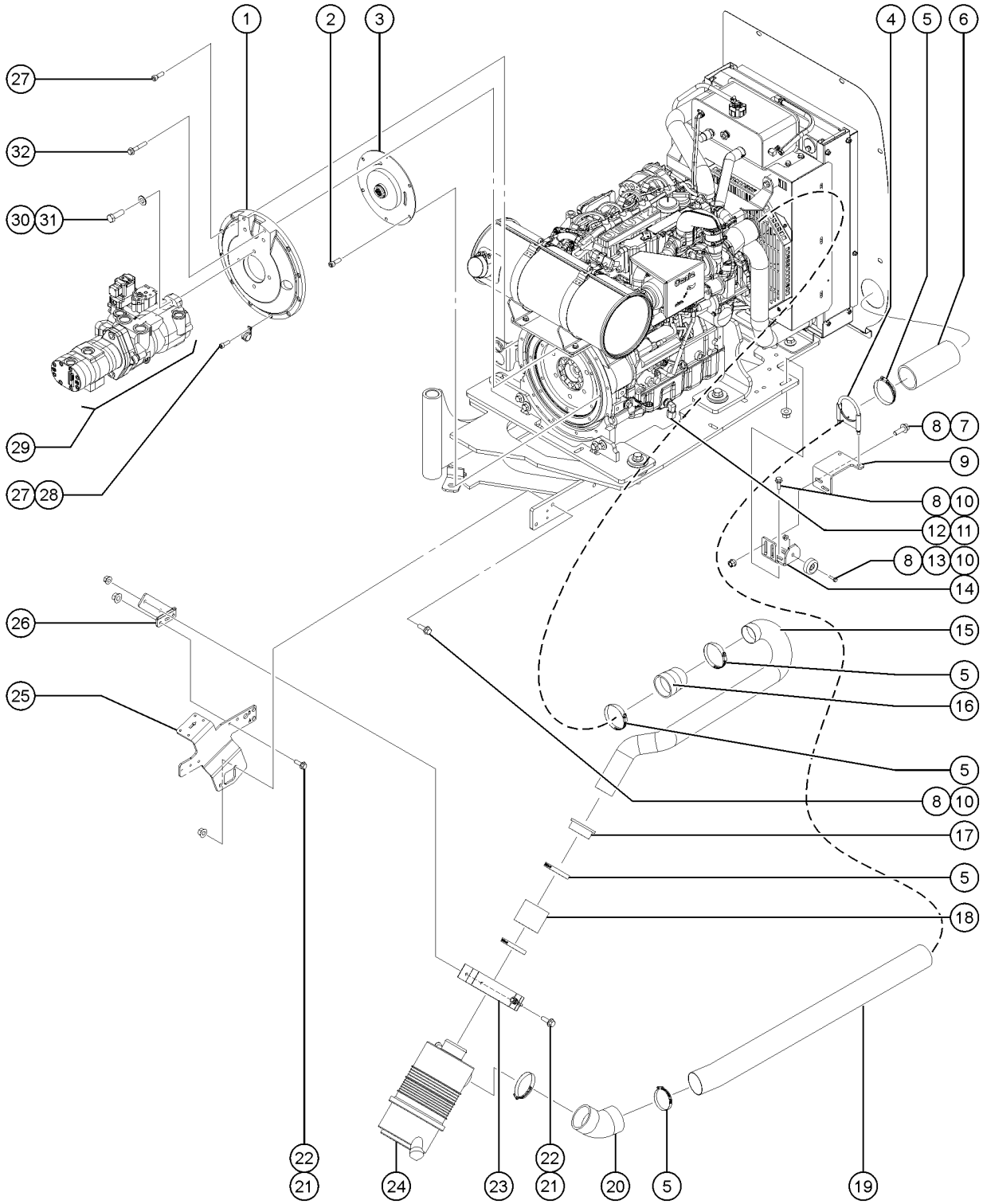
412.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 1



412.1 Deutz TD 2.9L CHINA Ⅲ Engine - View

Item	Part No.	Description	Qty.
24	824131GT	SCREW,HHF,M6-1.0X16,DIN6921,10.9,ZAB	2
25	1254949GT	HEAT SHIELD,DEUTZ TD2.9L	1
26	1255806GT	SCREW,HHF,M12-1.75X20,DIN6921,10.9,ZAB	1
27	230073GT	SPRING CLIP,M6-1.0,0.8-4.0X13.5,ZAB	1
28	217460GT	CLAMP,BATTERY CABLE	2
29	216597GT	SCREW,HHF,M6-1.0X50,DIN6921,10.9,ZAB	1
30	1256480GT	FORMING,LOOM SUPPORT	1
31	1251983GT	SCREW,HHF,M8-1.25X16,DIN6921,10.9,ZAB	1
32	1255342GT	FORMING,RADIATOR SUPPORT	1
33	237352GT	SCREW,HHF,M10-1.5X16,DIN6921,10.9,ZAB	2
34	1255451GT	ISOLATOR VIBRATION DAMPENER	2
35	230074GT	SPRING CLIP,M10-1.5,1-6X19,ZAB	2
36	22672GT	CLAMP,HOSE,1.75	2
37	1257844GT	CLAMP,TUBE/HOSE,LOOP/OFFSET,12.7mmOD	2
38	1252017GT	HOSE, 20R4, UPPER	1
39	36208GT	CLAMP,HOSE,1.25***	2
40	824600GT	HOSE,HEATER,1/4" 4"	14
41	1252019GT	HOSE,DEGAS RETURN,22MM ID	1
42	1254418GT	SIGHT GLASS DEGAS RCP	1
43	218715GT	COOLANT LEVEL SNSR, DEUTZ D2.9/TCD3.6	1
44	824600GT	HOSE,HEATER,1/4" 4"	43
45	1288341GT	TIGHTFIT CLAMP, TD2.9 MUFFLER	1
46	1287699GT	BRACKET, TD2.9 MUFFLER	2
47	1287194GT	WELDMENT,MUFFLER MOUNT,DEUTZ TD2.9,S85	1
48	1295437GT	T-BOLT CLAMP, TD2.9 MUFFLER, SX125XC	2
49	824133GT	SCREW,HHF,M8-1.25X25,DIN6921,10.9,ZAB	4
50	237832GT	NUT,TL FLG,M8-1.25,DIN6927,10,ZAB	4
51	1287696GT	MUFFLER, DEUTZ TD 2.9	1

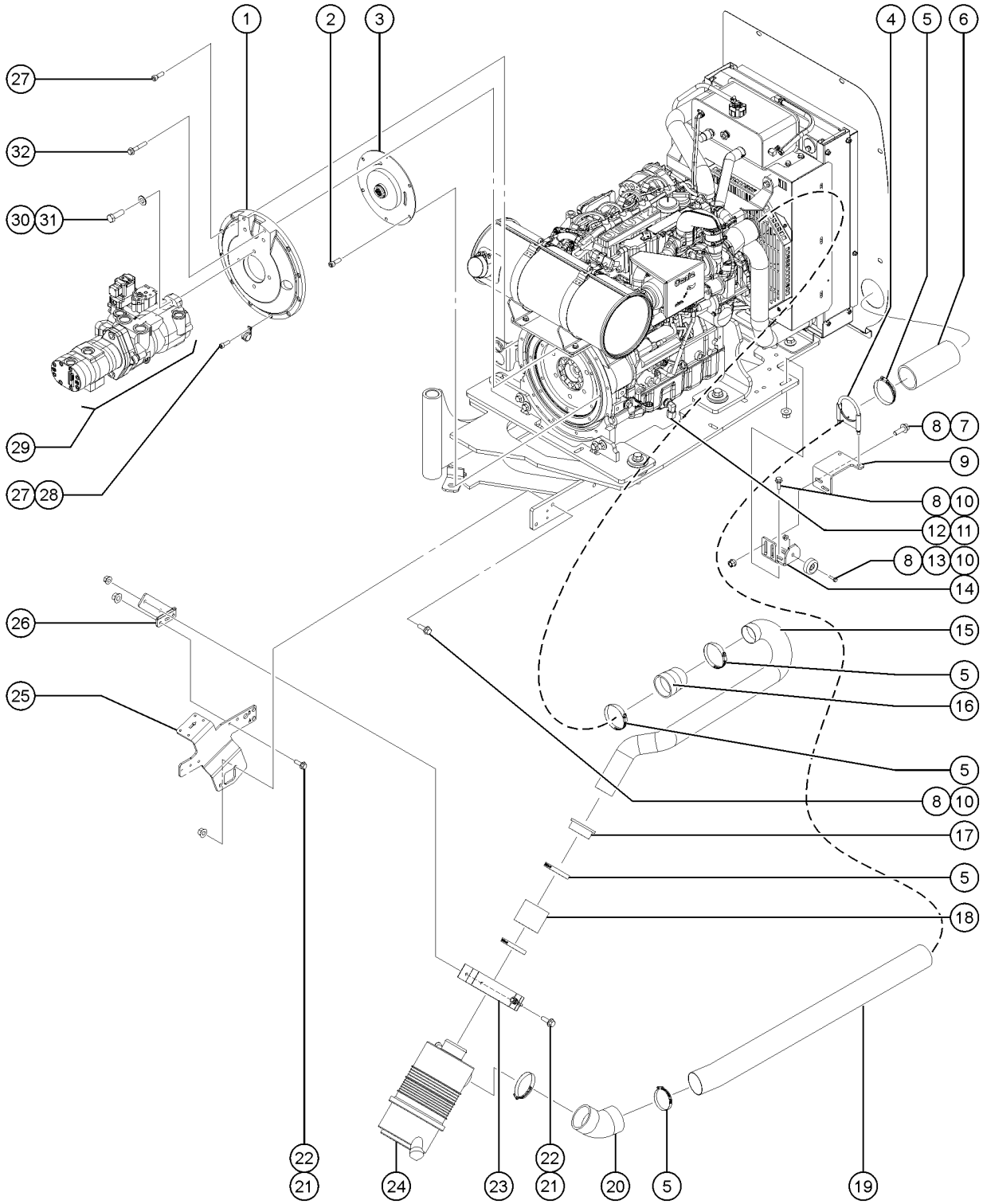
413.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 2



413.1 Deutz TD 2.9L CHINA Ⅲ Engine - View

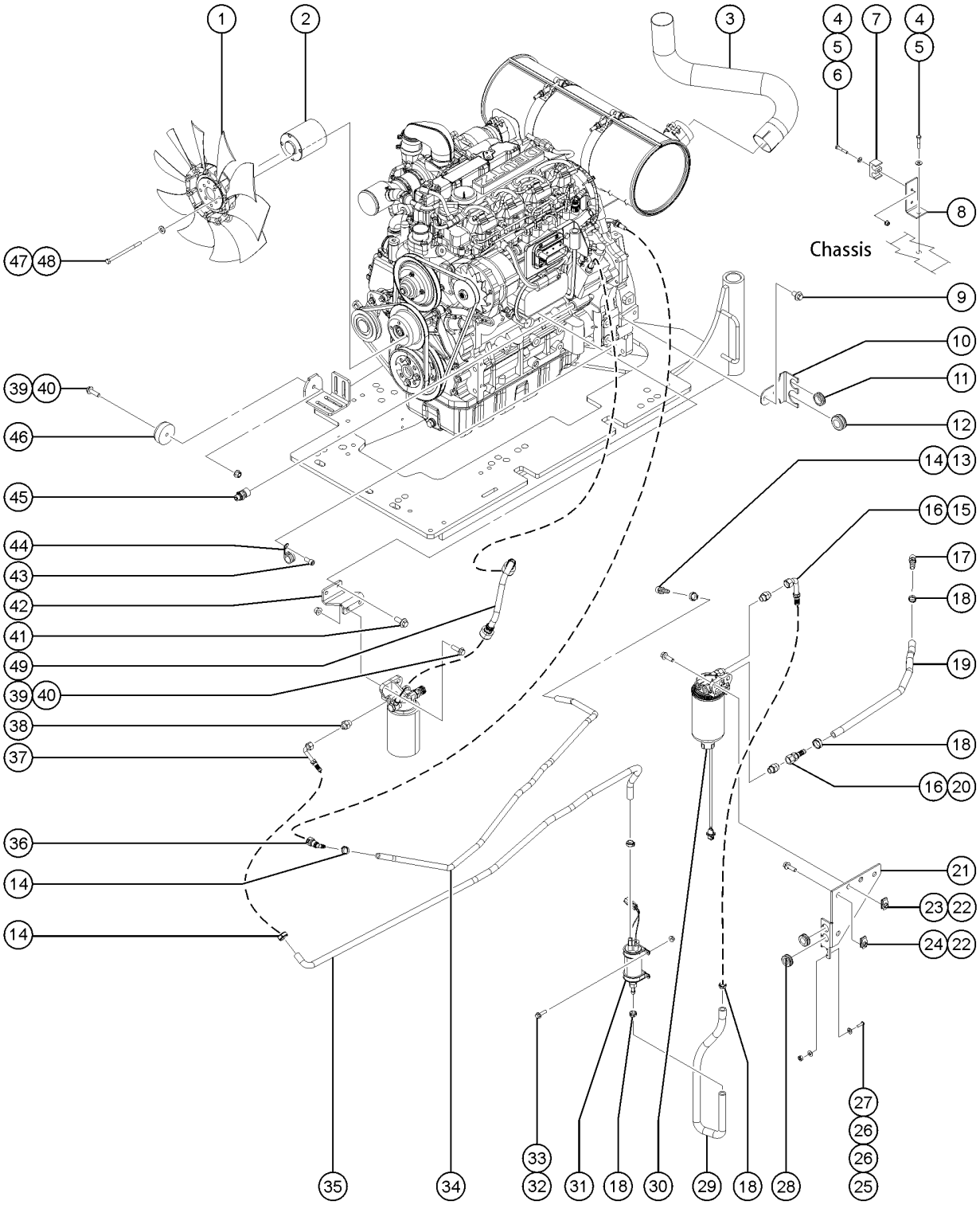
Item	Part No.	Description	Qty.
1	70381GT	COVER, FLYWHEEL CASTING	1
2	1255665GT	SCREW,SHC,M10-1.50X20,DIN912,12.9,ZAB	1
3	128004GT	COUPLER, 15 TOOTH, FBA, SAE 8	1
4	122414GT	U-BOLT,GUILLOTINE,3"	1
5	30971GT	CLAMP,HOSE,3.00"	7
6	106211-800GT	HOSE,RUBBER 3"ID X .25 BLACK X 6.00 LG	1
7	232874GT	SCREW,HHF,M10-1.5X30,DIN6921,10.9,ZAB	2
8	231529GT	NUT,TL FLG,M10-1.5,DIN6927,10	6
9	1262525GT	FORMING,INTAKE SUPPORT,SB	1
10	231533GT	SCREW,HHF,M10-1.5X35,DIN6921,10.9,ZAB	4
11	69775GT	CAP,520112-8	1
12	54428GT	FITTING,HYDRAULIC,90DEG,O-RING	1
13	50974GT	BUMPER,RUBBER,COVERS	1
14	1254669GT	FORMING, COVER STOP	1
15	826352GT	TUBE,INTAKE,DEUTZ 2.9L	1
15-	1264657GT	REFLECTIVE INSULATING SLEEVE, PRESSURIZER	1
16	826351GT	HOSE,REDUCER,TURBO INLET,DEUTZ	1
17	101640GT	REDUCER,RUBBER 3.0 - 2.5	1
18	106211-300GT	HOSE,RUBBER 3"ID X .25 BLACK	1
19	1253600GT	AIR SUCTION PIPE,DIESEL,T4	1
19-	1264656GT	REFLECTIVE INSULATING SLEEVE, INTAKE	1
20	61270GT	ELBOW,45 DEG,INLET	1
21	824133GT	SCREW,HHF,M8-1.25X25,DIN6921,10.9,ZAB	4
22	237832GT	NUT,TL FLG,M8-1.25,DIN6927,10,ZAB	4
23	81468GT	MOUNTING BAND,AIR CLEANER	1
24	81467GT	AIR CLEANER,NELSON	1
25	215517GT	FORMING,CHARGE FILTER MOUNT	1
26	1251708GT	FORMINNG AIR CLEANER	1

413.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 2



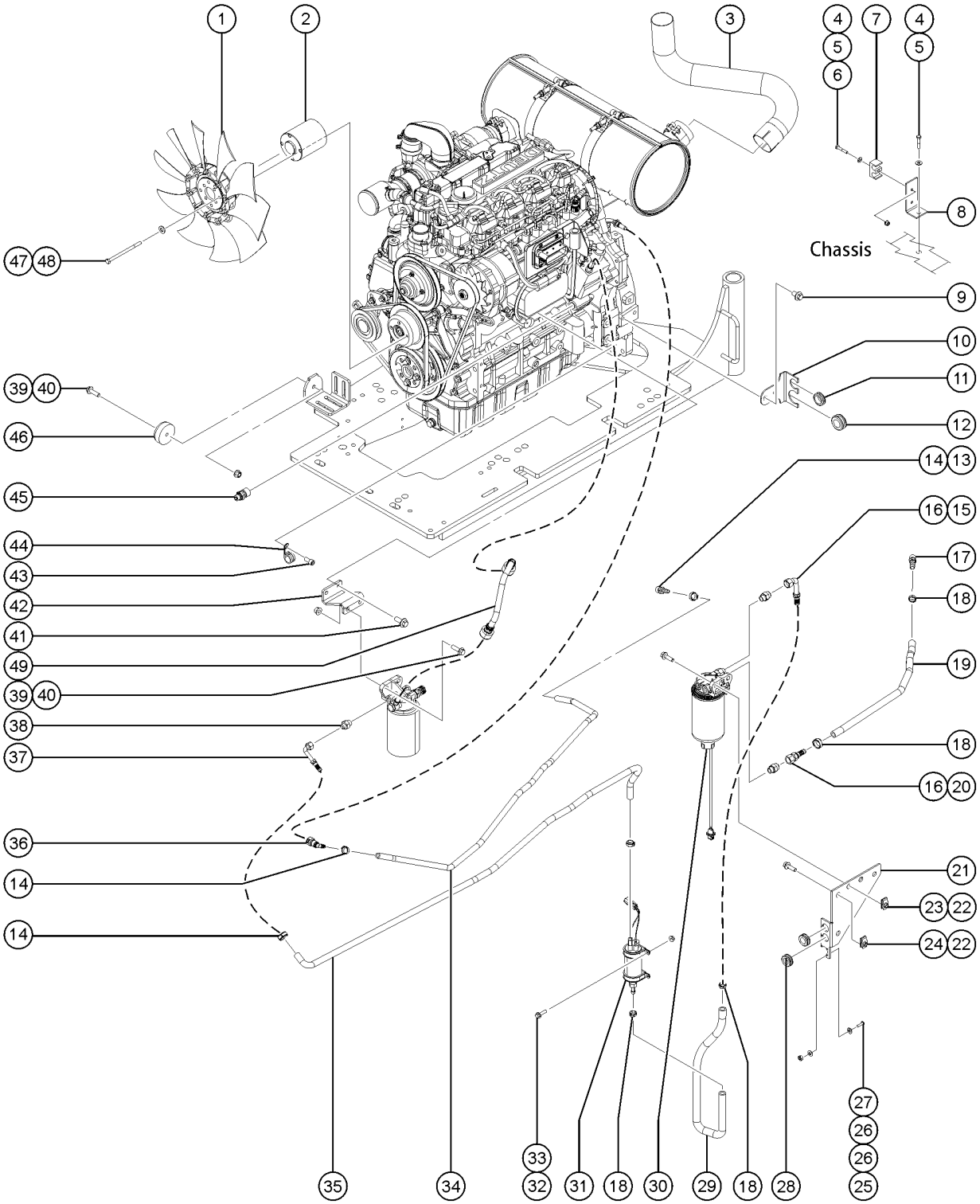
Item	Part No.	Description	Qty.
27	1255666GT	SCREW,SHC,M10-1.5X30,DIN912,12.9,ZAB	1
28	60838GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	1
29		Ref. pump assembly (refer to 710.1)	1
30	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8	2
31	13066GT	WASHER,FLAT,.5 HARDENED	2
32	216036GT	SCREW,HHF,M10-1.5X60,DIN6921,1	2

414.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 3



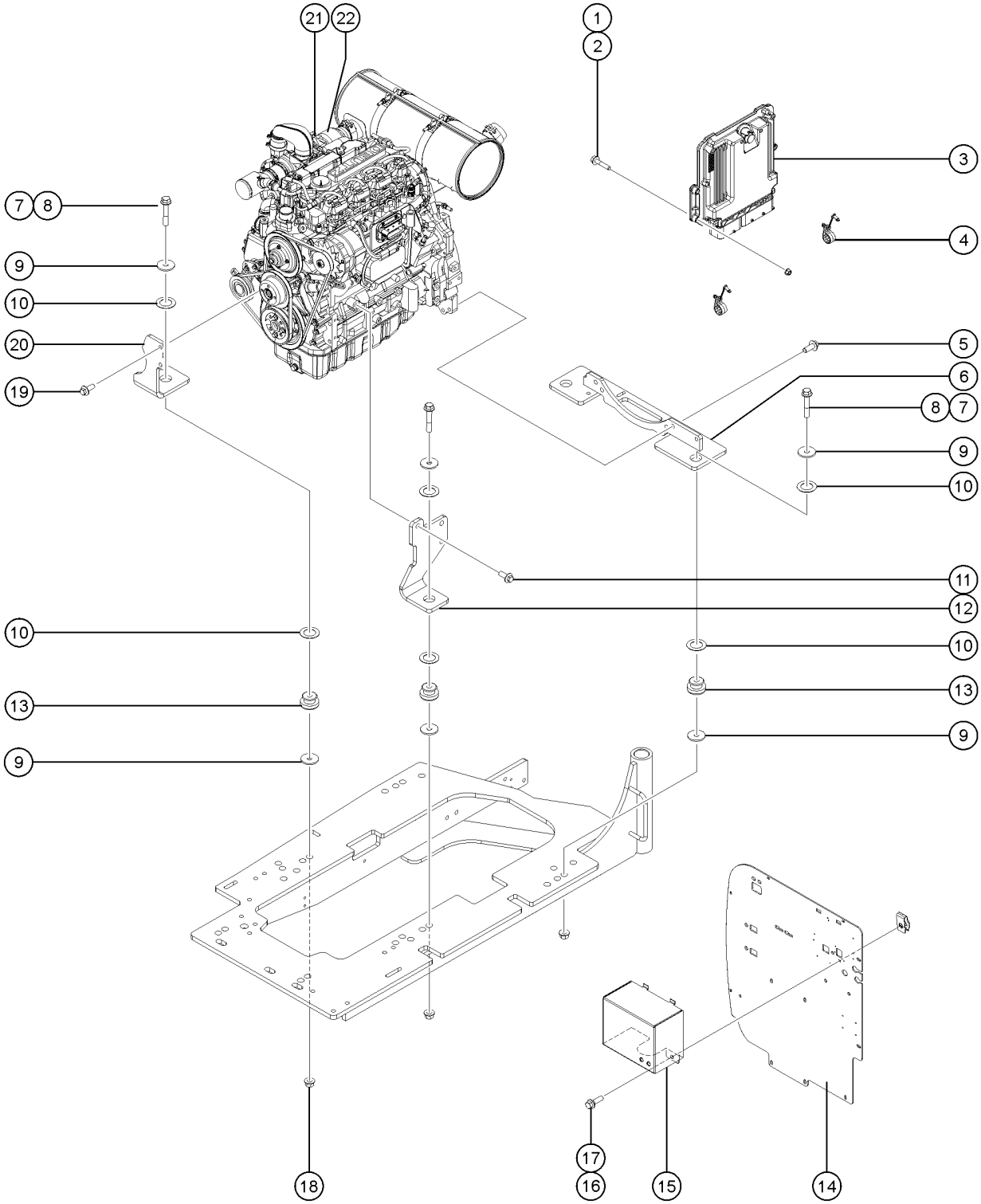
Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer.	
1	1251496GT	FAN,10 BLADE,17",DEUTZ 2.9L	1
2	1257753GT	FAN SPACER,DEUTZ 2.9L	1
3	1287697GT	TAILPIPE, TD2.9 MUFFLER	1
4	824062GT	SCREW,HHC,1/4-20X1.5,8,ZAG	2
5	824113GT	WASHER,FLAT,USS,1/4,ZAG	2
6	824027GT	NUT, TL FLG, 1/4-20, G, ZAG	1
7	70289GT	CLAMP,LINK,LH WELD WIRE	1
8	70535GT	BRACKET,BATTERY CABLE	1
9	1255806GT	SCREW,HHF,M12-1.75X20,DIN6921,10.9,ZAB	3
10	1257888GT	FORMING, ENGINE HARNESS SUPPORT	1
11	124962GT	GROMMET,RUBBER,1.0 X 1.25X1.5	1
12	106923GT	GROMMET,RUBBER .38X1.38X1.0	1
13	27901GT	HOSE END,BARBED,RIGID,-6-6	1
14	96770GT	CLAMP, HOSE, 1 EAR, 11/16	4
15	162207GT	FITTING,ELBOW,8GS-8FJX90S	1
16	162209GT	FITTING,CONN,16MM-8MJ	2
17	824471GT	FITTING,3/8 NPT TO 1/2 BARB	1
18	822087GT	CLAMP,HOSE,1EAR,25/32	4
19	823421GT	HOSE,FUEL,1/2,GATES RLA	30
20	824635GT	FITTING,STR,1/2 HS X 3/4-16,JIC,SW,FEMALE,STEEL	1
21	1253327GT	BRACKET,FUEL SYSTEM,DEUTZ 2.9L	1
22	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	5
23	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	2
24	824089GT	SCREW,HHF,3/8-16X.75,8,ZAG	3
25	824214GT	SCREW,PHPM,6-32X.50,ZAG	4
26	825357GT	WASHER,FLAT,M4,DIN125,ZAB	8

414.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 3



Item	Part No.	Description	Qty.
27	824019GT	NUT, TL, 6-32, A, ZAG	4
28	60584GT	GROMMET,RUBBER .75 X .19 X 1	2
29	823421GT	HOSE,FUEL,1/2,GATES RLA	28
30	236260GT	FILTER, FUEL PRE-FILTER, SPIN-ON, DEUTZ	1
31	236259GT	LIFT PUMP,FUEL,DEUTZ TCD3.6	1
32	218458GT	SCREW,HHF,M5-0.8X20,DIN6921,10.9,ZAB	4
33	1255753GT	NUT,FLG,M5-0.8,DIN6923,8,ZAB	4
34	823420-1772GT	HOSE,FUEL,3/8,GATES RLA 60"	63
35	823420-1772GT	HOSE,FUEL,3/8,GATES RLA 60"	65
36	826000GT	CONNECTOR, SAE10, QUICK CONNECT	1
37	162206GT	FITTING,ELBOW,6GS-6FJX90S	1
38	162208GT	FITTING,CONN,16MM-6MJ	1
39	231533GT	SCREW,HHF,M10-1.5X35,DIN6921,10.9,ZAB	3
40	231529GT	NUT,TL FLG,M10-1.5,DIN6927,10	3
41	231088GT	SCREW,HHF,M10-1.5X20,DIN6921,10.9,ZAB	2
42	1256911GT	FORMING FUEL FILTER DEUTZ	1
43	39653GT	SCREW,SHC,M12-1.75X25 DIN 912, 12.9, ZAB	1
44	61109GT	CLAMP,1.25,#20 X 7/16,RUB CSH	1
45	824673GT	SENSOR,LOW PRESSURE,DEUTZ 2.9L	1
46	50974GT	BUMPER,RUBBER,COVERS	1
47	1257774GT	SCREW,HHC,M8-1.25X95,DIN931,10.9,ZAB	4
48	824144GT	WASHER,FLAT,M8,DIN125,ZAB	4
49	1269690-2670GT	HOSE ASSEMBLY-1/2" FUEL GATES,STR FEM,STR FEM	1
49-	823421GT	HOSE,FUEL,1/2,GATES RLA	
49-	1255651GT	CONNECTOR,SAE12,QUICK CONNECT	
49-	822087GT	CLAMP,HOSE,1EAR,25/32	
49-	1270283GT	CAP, SAE12, QUICK CONNECT	

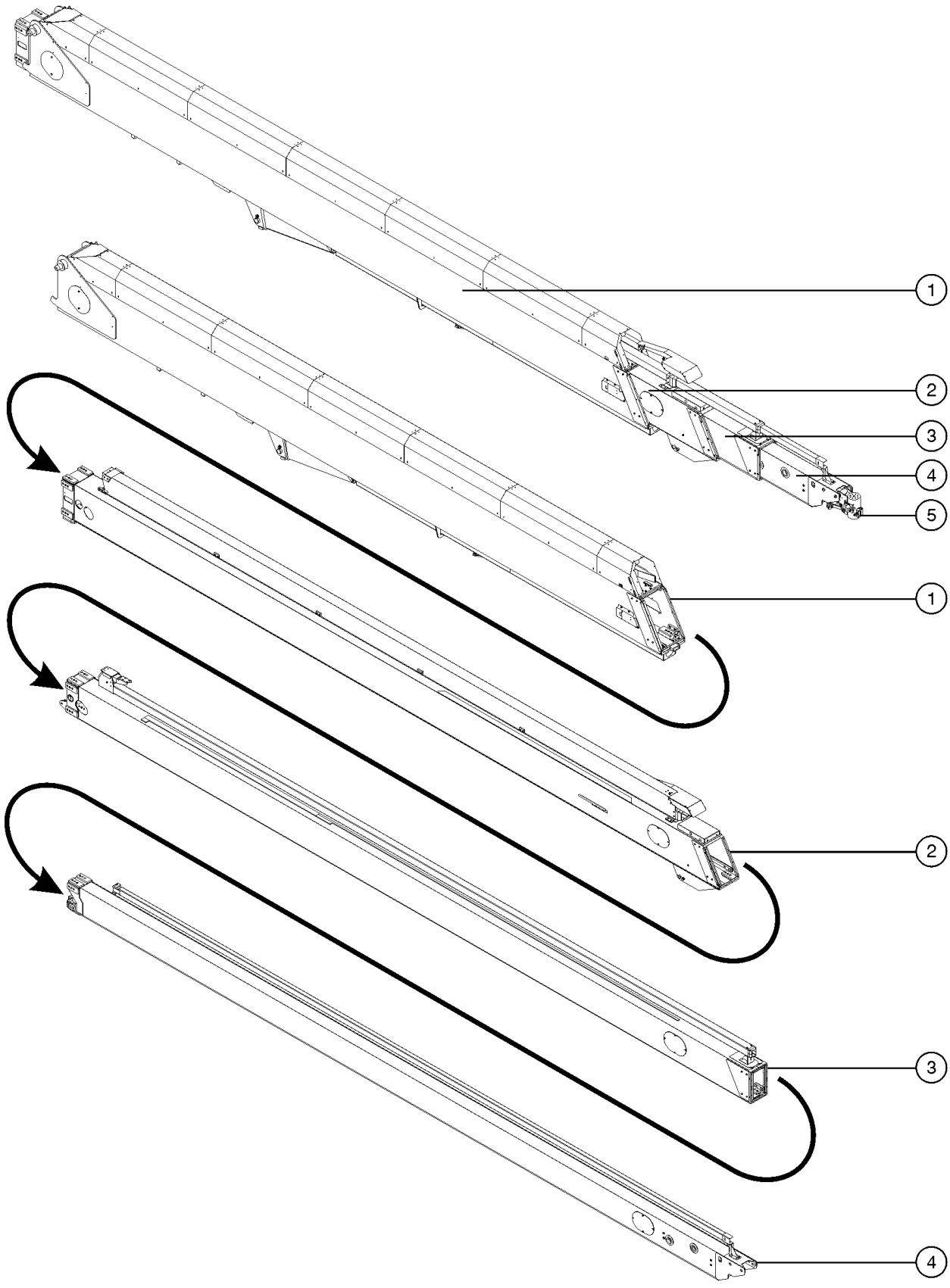
415.1 Deutz TD 2.9L CHINA Ⅲ Engine - View 4



415.1 Deutz TD 2.9L CHINA Ⅲ Engine - View

Item	Part No.	Description	Qty.
A		Due to Tier 4 regulations, many engine replacement parts require the engine serial number at time of order placement. When ordering engine parts please have both machine and engine serial numbers available. For internal engine parts, contact engine dealer.	
1	231531GT	SCREW,HHF,M6X30,DIN6921,10.9,Y	4
2	231513GT	NUT,TL FLG,M6-1.0,DIN6927,10,ZAB	4
3	214795GT	ECM, Deutz D2.9	1
4	121603GT	CLAMP,FIXED DIA.NYLON,.875"	2
5	1251899GT	SCREW,HHF,M14-2.0 X 40,DIN 6921,10.9, ZAB	4
6	70440GT	WELDMENT,REAR ENGINE MOUNT	1
7	1256583GT	SCREW,HHF,5/8-11X3.5,8,ZAG	4
8	1253319GT	NUT,TL FLG,5/8-11,G,ZAG	4
9	824123GT	WASHER,FLAT,.625X2.25X.188,ZAG	8
10	1251565GT	WASHER,SHIM,1.56X2.5X.061,ZAG	8
11	1256776GT	SCREW,HHF,M14-2.0X35,DIN6921,10.9,ZAB	3
12	1256805GT	MOUNT,ENGINE,LEFT SIDE	1
13	217500GT	ISOLATOR, ENGINE VIBRATION	4
14	1253326GT	PLATE, FUEL TANK BULKHEAD	1
15	1258412GT	COVER, RELAY,SB T4	1
16	824091GT	SCREW, HHF, 3/8-16 X 1.25, 8, ZAG	1
17	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	1
18	128314GT	WELDMENT, ENGINE TRAY	1
19	824134GT	SCREW,HHF,M12-1.75X30,DIN6921,10.9,ZAB	2
20	1251705GT	FORMING, ENGINE MOUNT	1
21	1288342GT	V CLAMP, TD2.9 TURBO OUTLET	1
22	1287263GT	FLEXIBLE BELLOW PIPE, TD2.9 MUFFLER	1

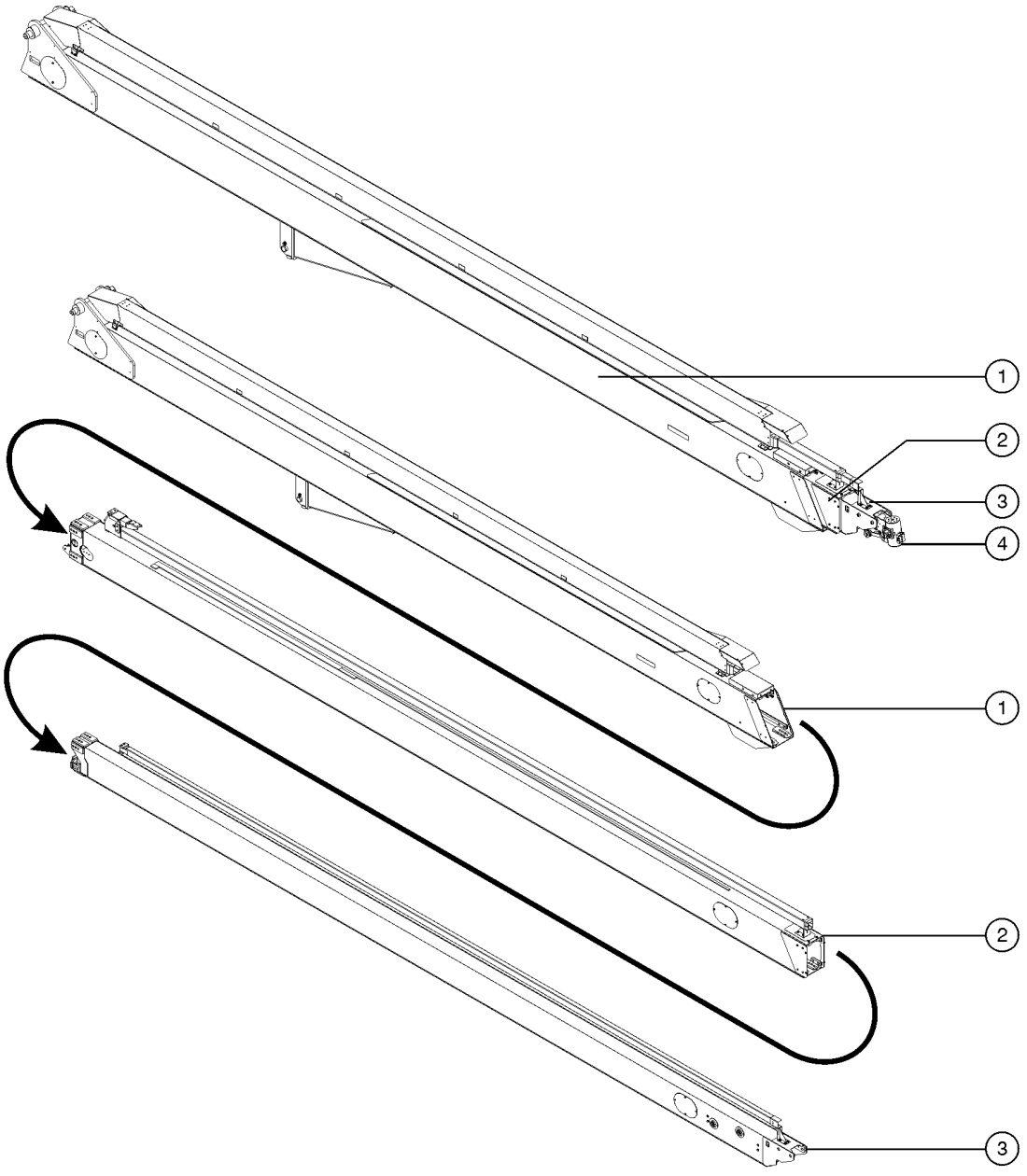
501.1 Boom Components, S-120HD



501.1 Boom Components, S-120HD

Item	*Part No.*	*Description*	*Qty.*
1		Ref. BOOM TUBE ASSY #0 /W SYM DECAL (refer to 503.1, 504.1, and 511.1)	
2		Ref. WELDMENT, EXTENSION BOOM #1 (refer to 504.1, 505.1, 508.1, 511.1, and 512.1)	
3		Ref. WELDMENT, BOOM SECTION #2 (refer to 509.1, 511.1, and 512.1)	
4		Ref. BOOM TUBE ASSY #3 /W SYM DECAL (refer to 509.1, 510.1, and 512.1)	
5		Ref. ROTATOR,PLAT,NON-JIB*** (refer to 513.1, and 602.1)	

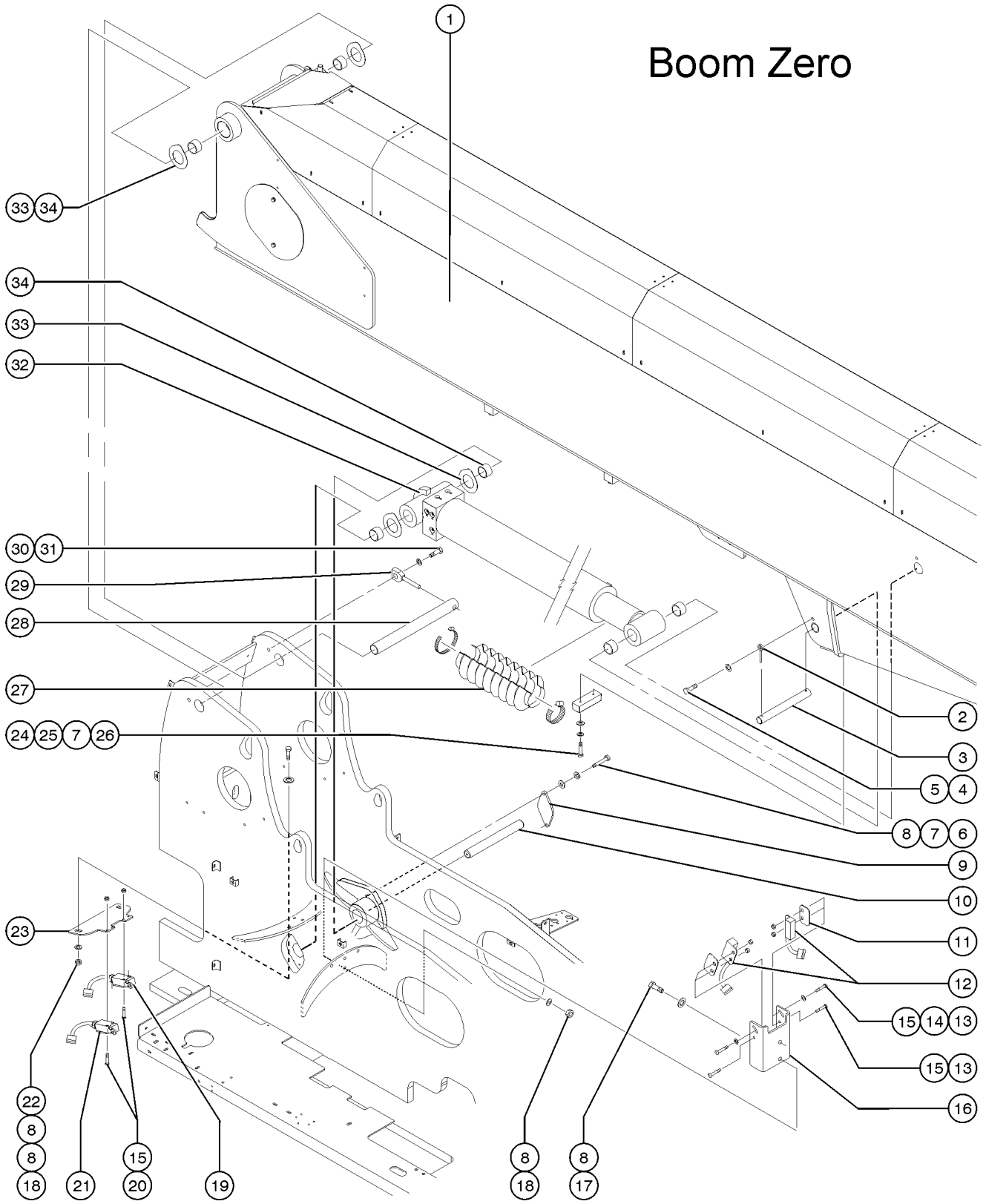
502.1 Boom Components, S-100HD



502.1 Boom Components, S-100HD

Item	Part No.	Description	Qty.
1		Ref. BOOM TUBE ASSY #1 /W SYM DECAL (refer to 506.1, 507.1, 508.1, 511.1, and 512.1)	
2		Ref. WELDMENT, BOOM SECTION #2 (refer to 509.1, 511.1, and 512.1)	
3		Ref. BOOM TUBE ASSY #3 /W SYM DECAL (refer to 509.1, 510.1, and 512.1)	
4		Ref. ROTATOR,PLAT,NON-JIB*** (refer to 513.1, and 602.1)	

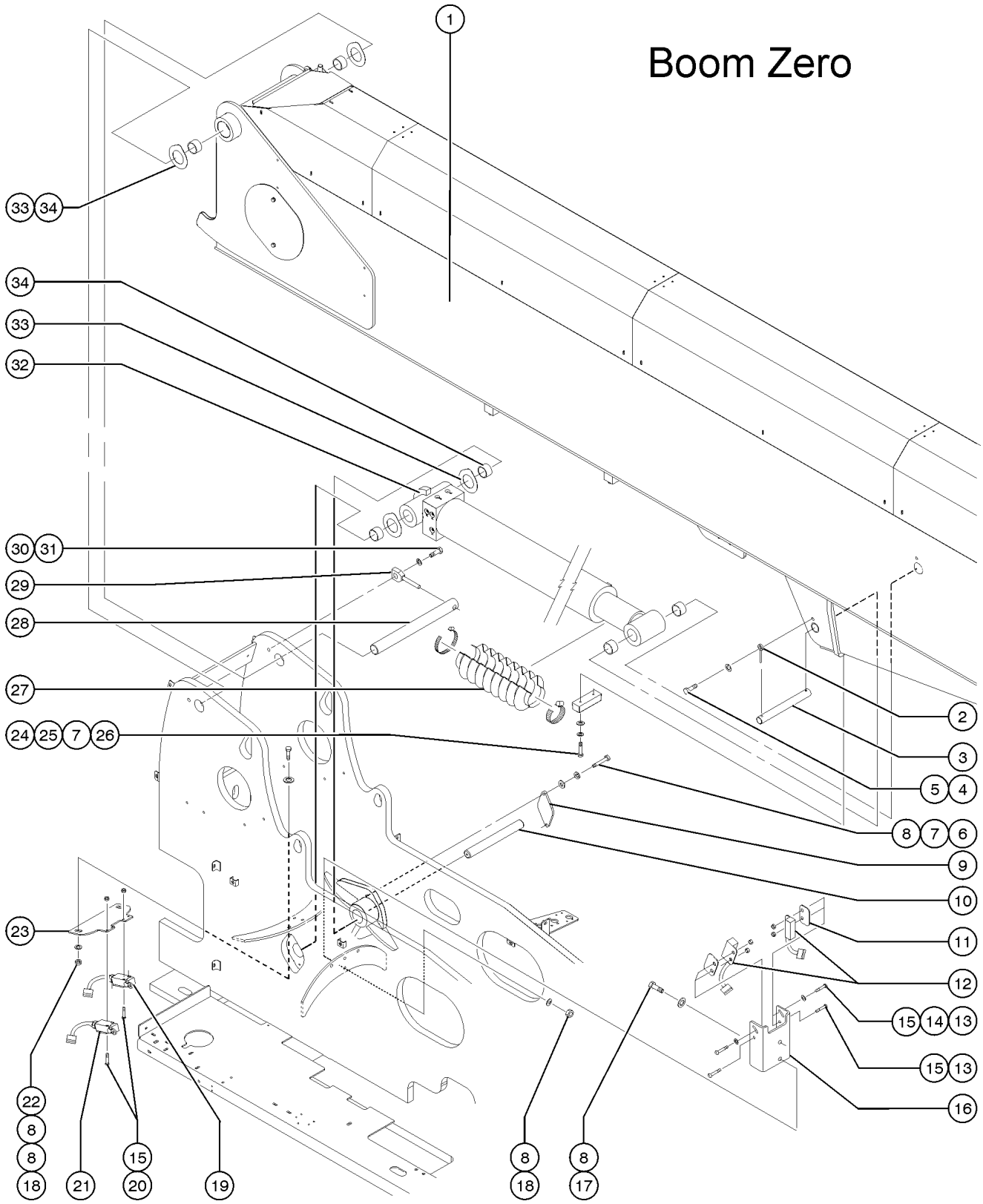
503.1 Boom Tube Zero, S-120HD - View 1



503.1 Boom Tube Zero, S-120HD - View 1

Item	Part No.	Description	Qty.
1	226115GT	BOOM TUBE ASSY #0 /W SYM DECAL includes item 34	
2	1256267GT	ROD END,.5 X 3.75,ZAG	3
3	60297GT	PIN,2.50DIAX11.00LG,1HOLE	1
4	8177GT	SCREW,HHC,1/2-13 X 1.5	
5	6033GT	WASHER,LOCK,0.5"	
6	5224GT	SCREW,HHC,3/8-16 X 2	
7	6021GT	WASHER, LOCK, .375	
8	5397GT	WASHER, FLAT, .313	
9	146089GT	PLATE, PIN RETAINER	
10	146091GT	PIN,2.50DIAX19.875LG,THREADED	
11	61233GT	SHIM,PROX SWITCH	2
12	60987GT	SWITCH,LIMIT,PROX(OPERATIONAL)	2
13	49816GT	SCREW, PHILLIPS, PHM, 10-32 X .75	
14	6146GT	WASHER,FLAT,MS,#10,Y	
15	6178GT	NUT, NYLOCK, 10-32	
16	61185GT	FORMING,LIMIT SWITCH MOUNT	1
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	
18	4828GT	NUT, NYLOCK, 3/8-16	
19	75032GT	LIMIT SWITCH,SAFETY	1
20	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
21	75033GT	LIMIT SWITCH,OPERATIONAL	1
22	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
23	146093GT	PLATE, LIMIT SWITCH MOUNT	
24	6175GT	SCREW,HHC,3/8-16 X 1	
25	6097GT	WASHER, FLAT, USS, 3/8", Y	
26	75011GT	BOOM #0 REST PAD	
27	60326GT	COVER,PROTECTIVE,LIFT CYLINDER clamps are not included	1
27-	31523GT	CLAMP,HOSE,8.50 DIA***	

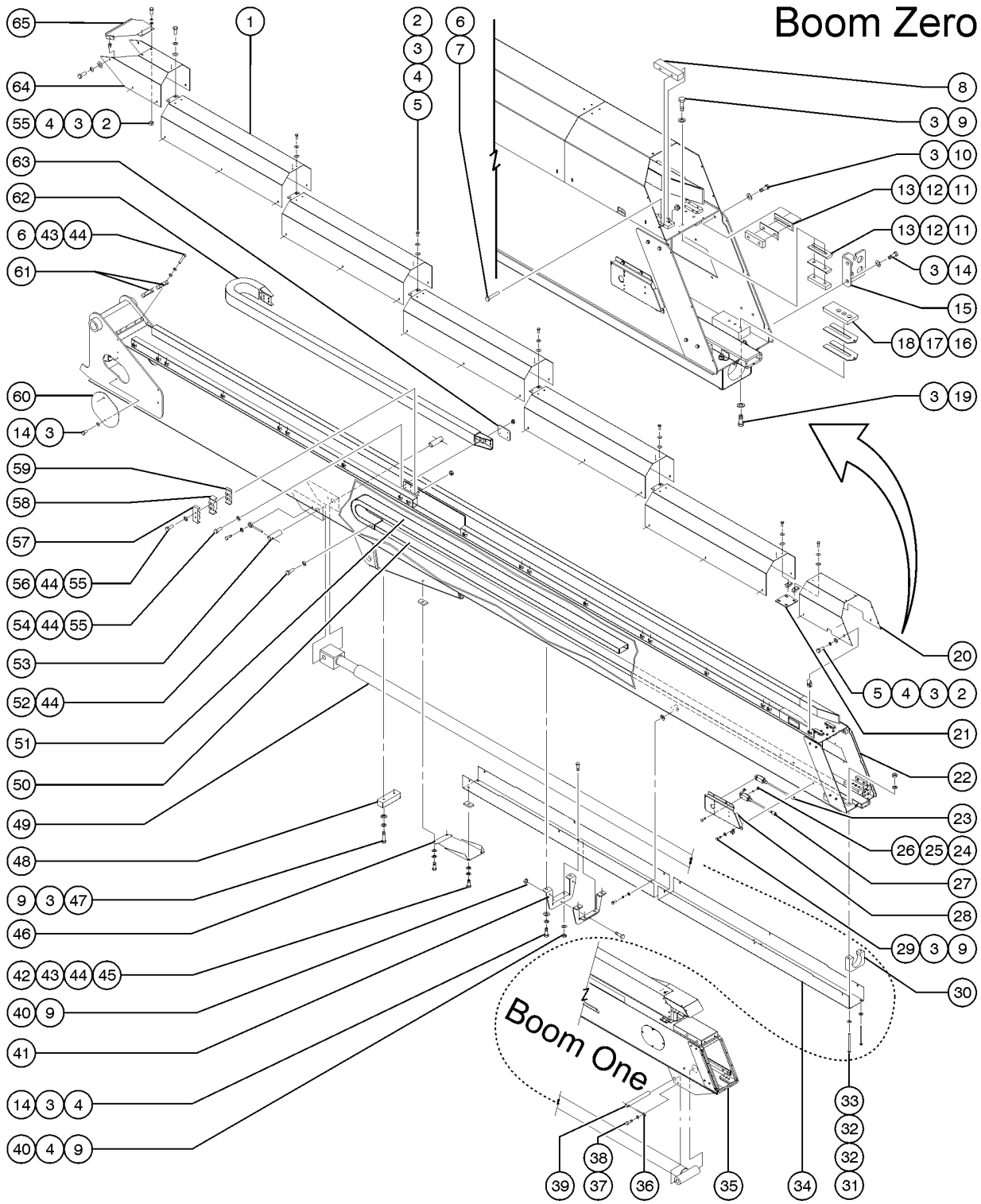
503.1 Boom Tube Zero, S-120HD - View 1



503.1 Boom Tube Zero, S-120HD - View 1

Item	Part No.	Description	Qty.
27-	35432GT	CLAMP,HOSE,6.50	
28	61340GT	PIN,PRI.BOOM PIVOT. 2.50X25.50	1
29	61341GT	ROD END,.75 X 5.00	1
30	34348GT	SCREW,HHC,3/4-10 X 3 GRD.8	
31	34550GT	WASHER,LOCK,.75 PLTD	
32	146324GT	CYLINDER, PRIMARY LIFT	
32A-	65792GT	SEAL KIT CYL.S100/120 (50078) use with cylinder 146324	
32B-	61602GT	VALVE,COUNTERBAL.CBBB-LHN@3500 use on extend side, V3	
32C-	60984GT	VALVE COUNTERBAL.CBBD-LJN@5000 use on retract side, V2	2
32D-	75064GT	VALVE, COUNTERBALANCE, CWCG-LGN.5000 use on extend side, V1	1
32E-	62449GT	SEAL KIT,SUN "CWCA" CB VALVES*	
33	60302GT	SHIM,BOOM PIVOT	
34	34131GT	BEARING,2.50IDX3.00ODX2.00L	6

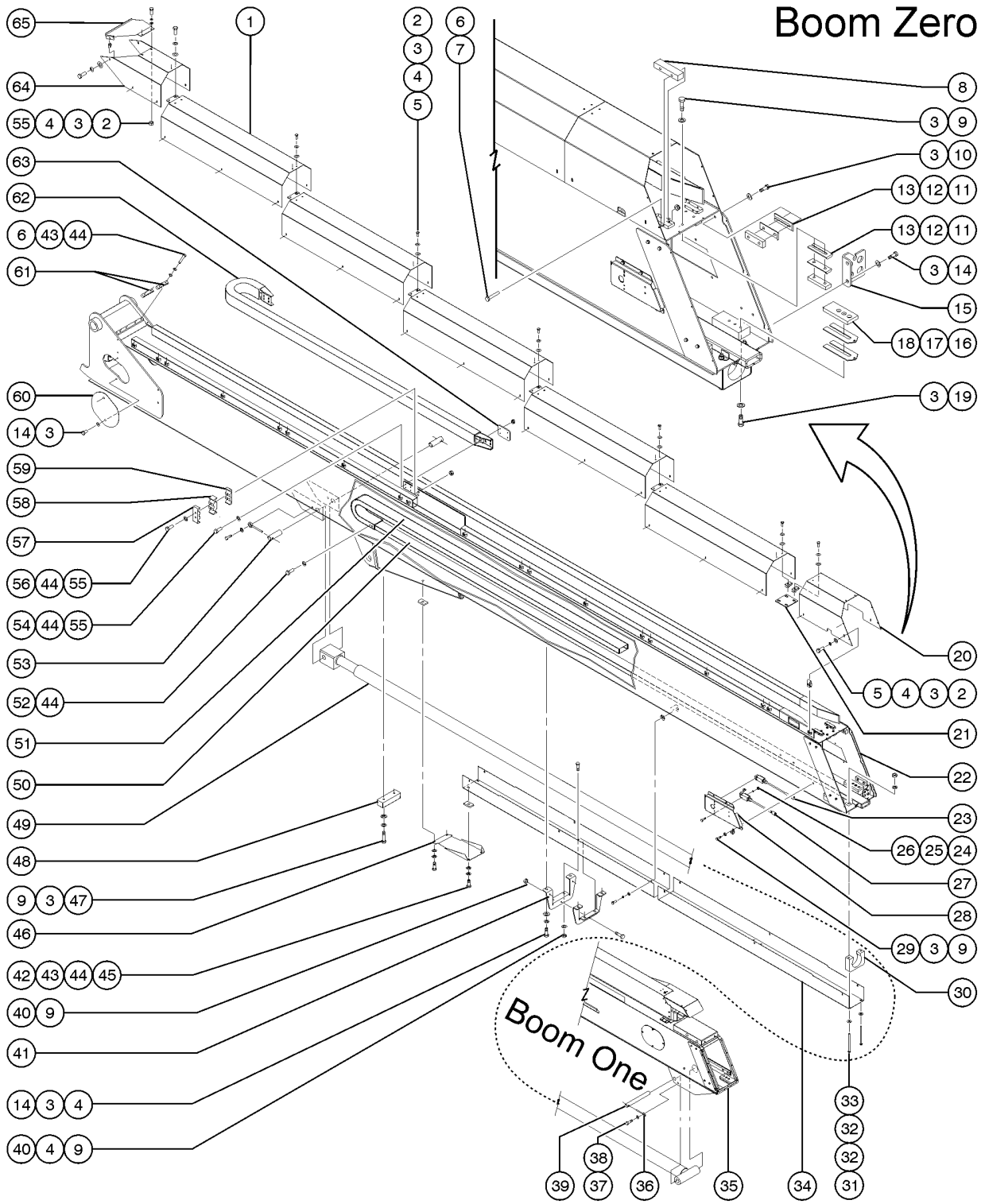
504.1 Boom Tube Zero, S-120HD - View 2



504.1 Boom Tube Zero, S-120HD - View 2

Item	Part No.	Description	Qty.
-	110277GT	FIRE SLEEVE, 2.0"	24
-	110277GT	FIRE SLEEVE, 2.0"	36
	110276GT	FIRE SLEEVE, 1.25"	24
1	T106849GT	FORMING, BOOM #0 1 PIECE COVER	5
2	6090GT	SCREW, HHC, 1/4-20 X .75	
3	6021GT	WASHER, LOCK, .375	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	25969GT	SPRING CLIP, 1/4-20 BLACK	
6	6145GT	SCREW, HHC, 1/4-20 X 1.5	
7	6889GT	NUT,LP NYLOCK,1/4-20	
8	T106677GT	WEAR PAD, 4 X 1 X .75	
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
12	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
13	73461GT	WEAR PAD,5 X 1.5 X .875 W/NUTS	
14	8255GT	SCREW,HHC,3/8-16 X .75	
15	60849PGT	BRACKET,BULKHEAD,PAINTED	
16	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	
17	60840GT	SHIM,WEAR PAD,7 X 3,16GA	
18	60304GT	SHIM,WEAR PAD,7 X 3,12GA	
19	8178GT	SCREW, HHC, 3/8-16 X 2.5	
20	149307GT	FORMING, B0 COVER FRNT SECTION	1
21	T106850GT	PLATE, BOOM #0 TIE PLATE	6
22		Ref. BOOM TUBE ASSY #0 /W SYM DECAL (refer to 503.1)	
23	75769GT	LIMIT SWITCH, OPERATION,LSB2RO	1
24	6178GT	NUT, NYLOCK, 10-32	
25	6146GT	WASHER,FLAT,MS,#10,Y	

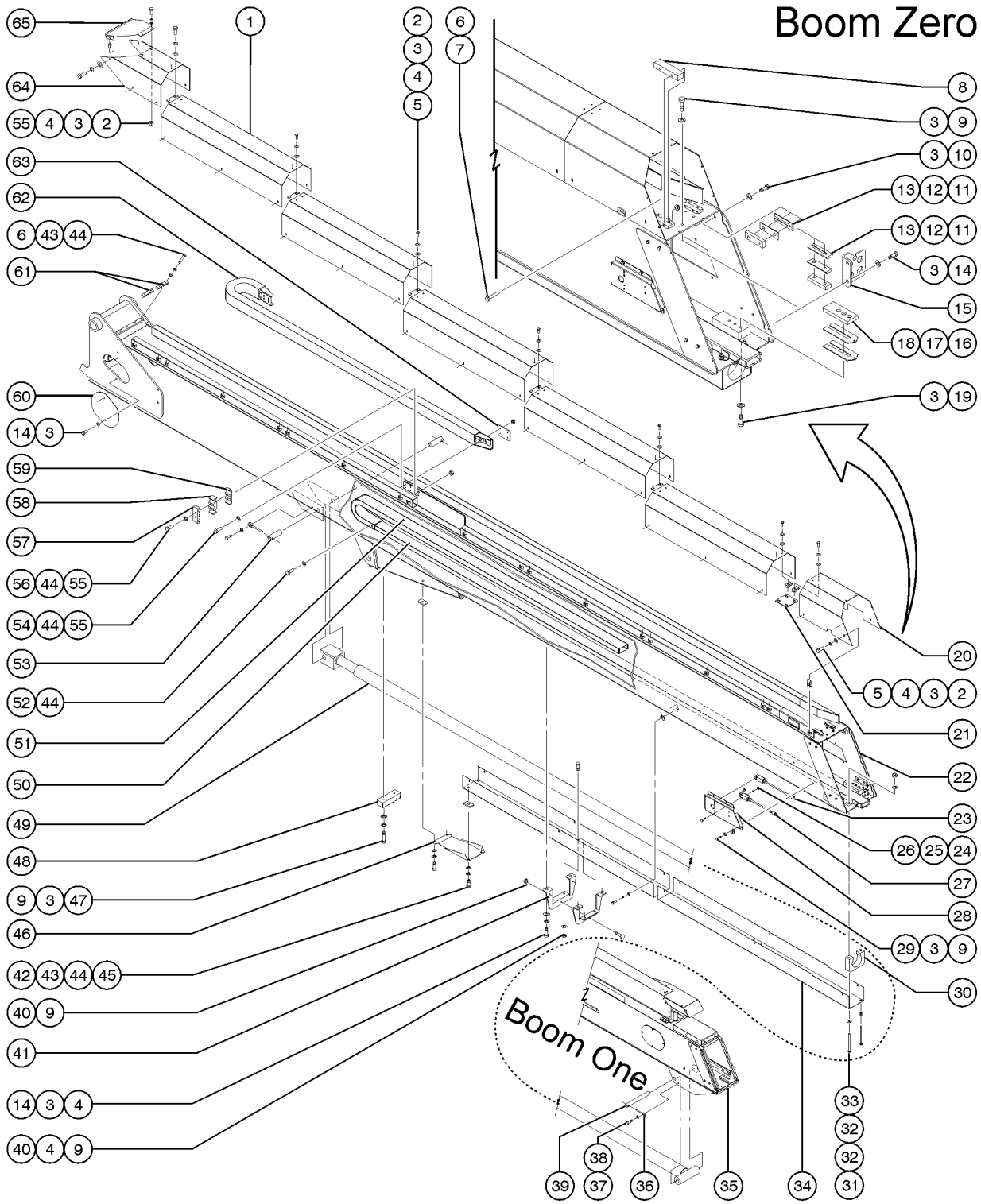
504.1 Boom Tube Zero, S-120HD - View 2



504.1 Boom Tube Zero, S-120HD - View 2

Item	Part No.	Description	Qty.
26	54239GT	SCREW,PHILLIPS,PHM,10-32 X 2.0	
27	146198GT	LIMIT SWITCH,SAFETY	1
28	89104GT	WELDMENT,COVER,LOWER BOOM	1
29	60838GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	
30	60207GT	WEAR PAD,PRI.EXT.CYL.SUPPORT	1
31	38601GT	SCREW,HHC,1/2-13 X 7.5	
32	11209GT	WASHER,FLAT,USS,7/16",Y	
33	6198GT	NUT, NYLOCK, 1/2-13	
34	226113GT	EXT.CYLINDER COVER, SERV with decals	2
35		Ref. WELDMENT, EXTENSION BOOM #1 (refer to 505.1)	
36	1256267GT	ROD END,.5 X 3.75,ZAG	
37	10587GT	SCREW,HHC,1/2-13 X.75	
38	6033GT	WASHER,LOCK,0.5"	
39	60267GT	PIN,1.50DIAX12.25LG,1HOLE	
40	4828GT	NUT, NYLOCK, 3/8-16	
41	60960PGT	FORMING,LOWER COVER SUP,PAINT	2
42	6888GT	SCREW, HHC, 1/4-20 X 1	
43	6356GT	WASHER, LOCK, .25	
44	6638GT	WASHER,FLAT, USS, 1/4"Y	
45	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
46	60962GT	FORMING,LOWER COVER	1
47	6097GT	WASHER, FLAT, USS, 3/8", Y	
48	75011GT	BOOM #0 REST PAD	1
49	50099GT	CYLINDER,SECONDARY EXTEND	1
49-	60329GT	SEAL KIT CYL.S100/120 (50099) use with cylinder 50099	
49-	111176GT	VALVE,COUNTERBAL 1:1,900 PSI	
49-	75424GT	SEAL KIT,SUN "CWEA" CB VALVES use with valve 111176	
49-	60331GT	VALVE,COUNTERBAL.CWCA-LIN@600*	

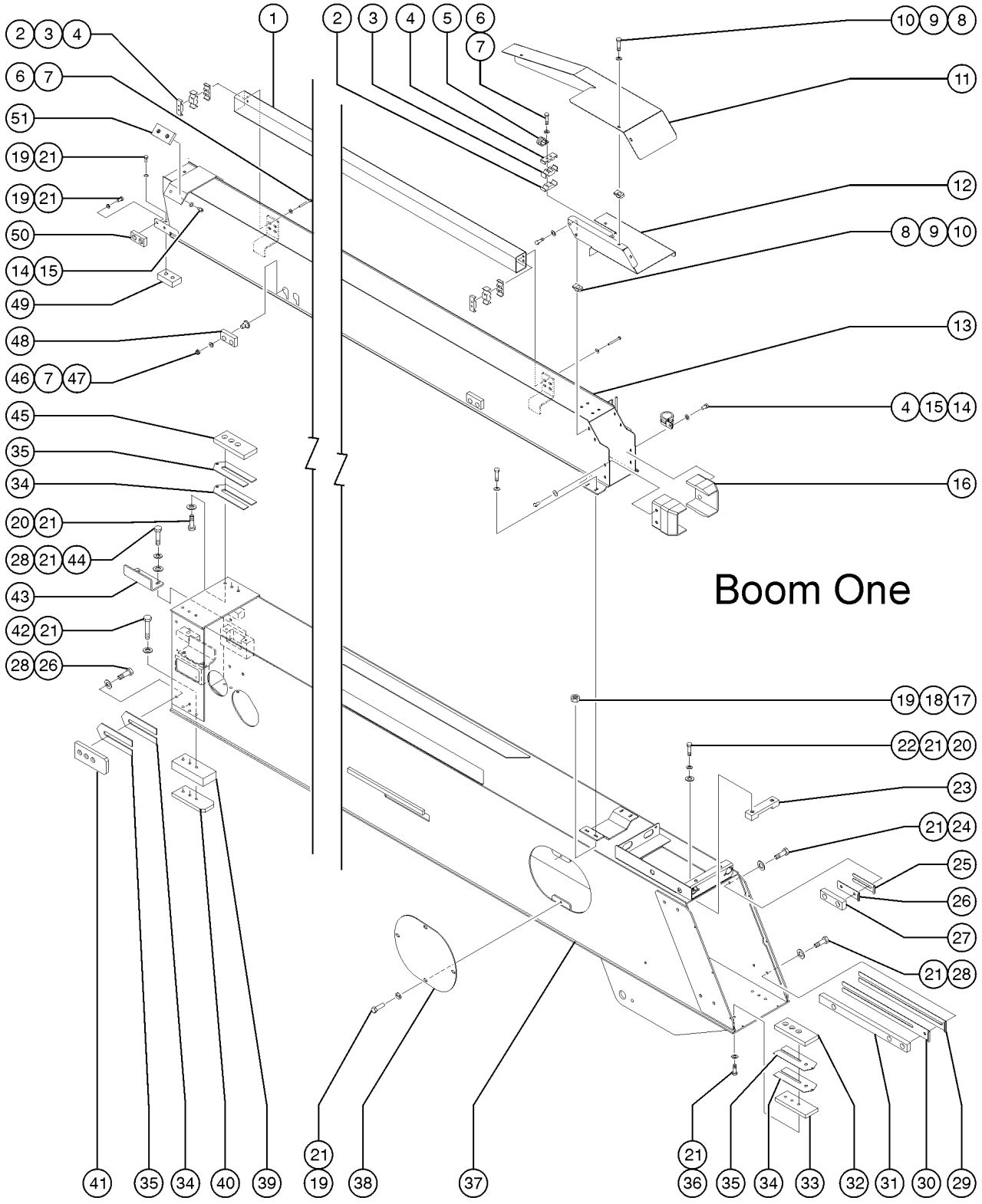
504.1 Boom Tube Zero, S-120HD - View 2



504.1 Boom Tube Zero, S-120HD - View 2

Item	Part No.	Description	Qty.
49-	62449GT	SEAL KIT,SUN "CWCA" CB VALVES* use with valve 60331	
50	60260GT	WELDMENT,INNER CABLETRACK TUBE	1
51	60313GT	CABLE TRACK,STEEL 60 LINKS**	1
51-	62322GT	REPAIR LINK SET(60313) 4 LINK*	
52	14297GT	SCREW,BHHS,1/4-20 X .75	
53	60224GT	PIN,1.50DIAX2.75LG,THREADED	
54	6878GT	BOLT, CARRIAGE, 1/4-20 X .75, G2	
55	6091GT	NUT, NYLOCK, 1/4-20	
56	96905GT	BOLT, CARRIAGE, 1/4-20 X 2.5, G2	
57	149248GT	TUBE END CLAMP-1	1
58	149249GT	TUBE END CLAMP-2	1
59	149250GT	TUBE END CLAMP-3	1
60	60256GT	COVER,BOOM SIDE	1
61	T106675GT	PIVOT HOSE CLAMP LH	2
62	149310GT	CABLE TRACK, HORIZ. 37 LINKS	1
62-	226064GT	REPAIR LINK SET,4 LINK(149310)	
62-	226065GT	MOVING END, BRACKET KIT, (149310)	
62-	226093GT	FIXED END, BRACKET KIT, (149310)	
62-	226097GT	CROSSBAR W/HARDWARE, (149310)	
63	226132GT	TAP BLOCK,SY CBL TRK MNT	1
64	149308GT	FORMING, B0 COVER REAR SECTION	1
65	149342GT	FORMING, BO COVER REAR CAP	1

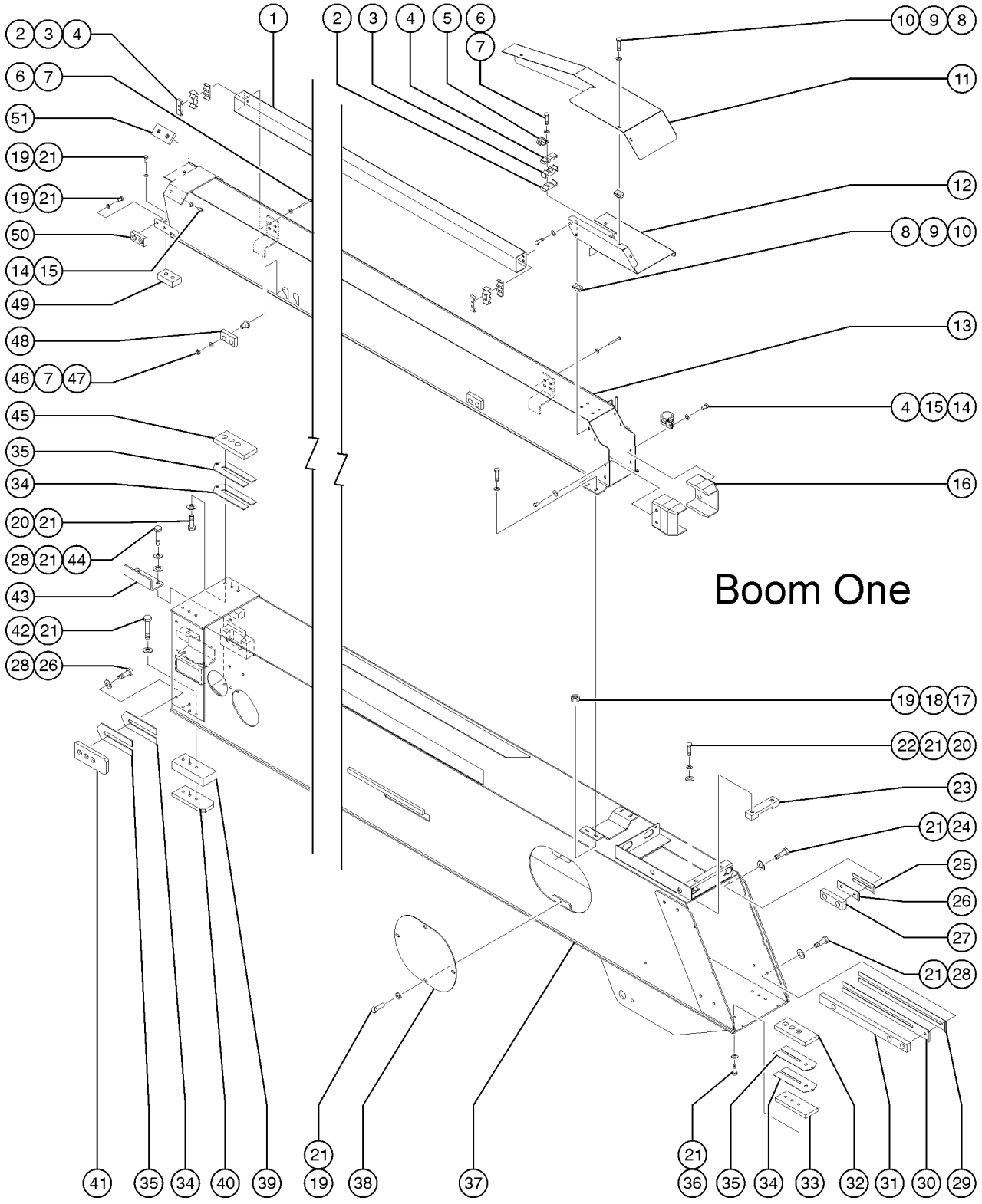
505.1 Boom Tube One, S-120HD



505.1 Boom Tube One, S-120HD

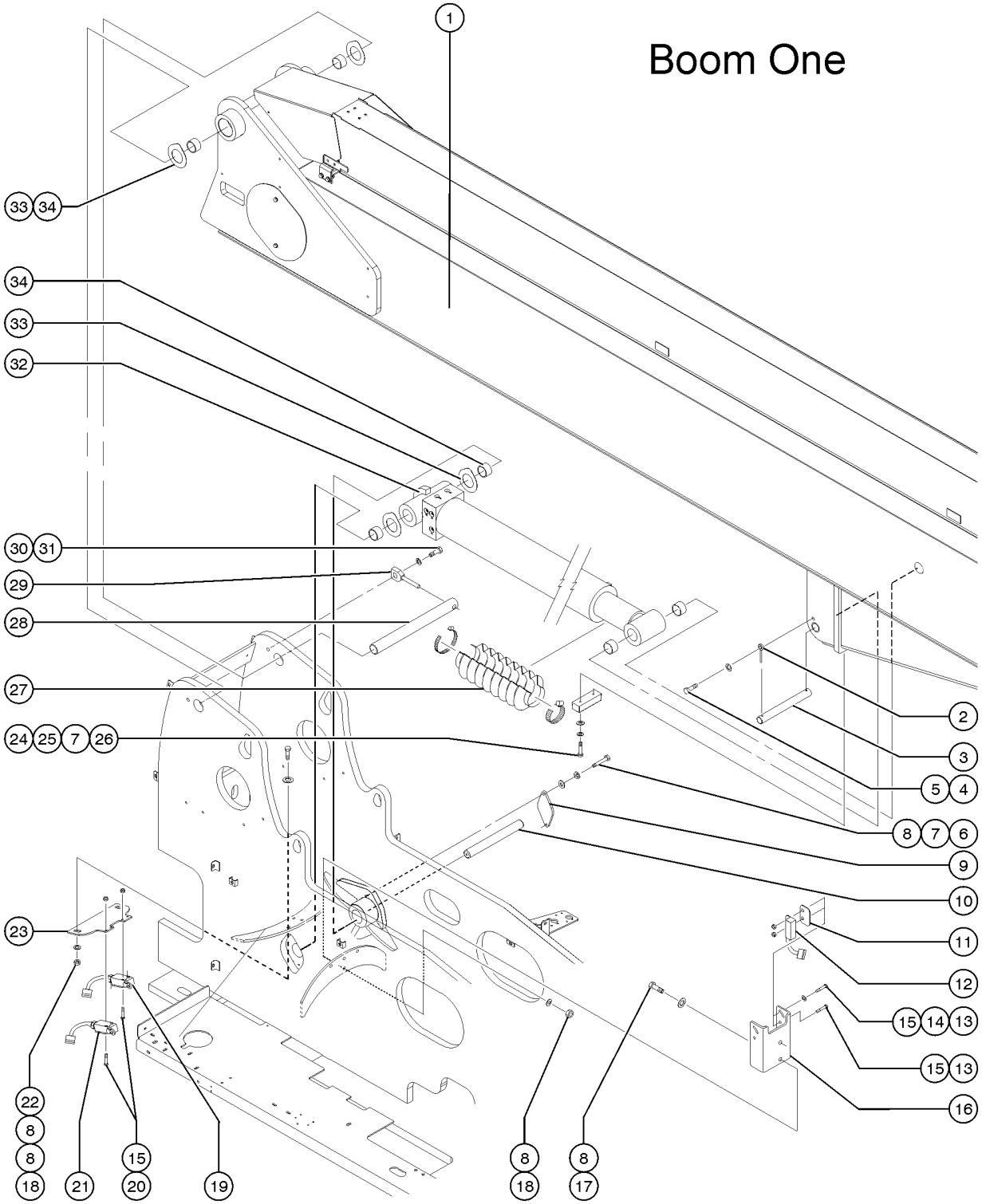
Item	Part No.	Description	Qty.
1	149314GT	TUBE, PT1 SIDE TUBE	1
2	149250GT	TUBE END CLAMP-3	2
3	149249GT	TUBE END CLAMP-2	3
4	149248GT	TUBE END CLAMP-1	3
5	18666GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	
6	6884GT	SCREW,HHC,1/4-20 X 2.5	
7	6638GT	WASHER,FLAT, USS, 1/4"Y	
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6638GT	WASHER,FLAT, USS, 1/4"Y	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	T109440GT	FORMING,SY PT1 HOSE SHIELD TOP	1
12	T109439GT	FORMING,SY PT1 HOSE SHIELD BTM	1
13	149318GT	WELDMENT, PULL TUBE 1	1
14	7339GT	SCREW,HHC,1/4-20 X .5	
15	6356GT	WASHER, LOCK, .25	
16	149254GT	SCRAPER, PULL TUBE 1	2
17	7713GT	NUT, LP NYLOCK, 3/8-16	
18	5397GT	WASHER, FLAT, .313	
19	8255GT	SCREW,HHC,3/8-16 X .75	
20	6175GT	SCREW,HHC,3/8-16 X 1	
21	6021GT	WASHER, LOCK, .375	
22	5397GT	WASHER, FLAT, .313	
23	61164GT	WEAR PAD,BOOM #2 TOP	
24	57072GT	SCREW,BHHS,3/8-16 X 1.25	
25	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
26	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
27	73461GT	WEAR PAD,5 X 1.5 X .875 W/NUTS	14
28	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

505.1 Boom Tube One, S-120HD



Item	Part No.	Description	Qty.
29	89847GT	SHIM,SIDE PAD,20X2	2
30	89846GT	SHIM,SIDE PAD,20X2	2
31	89845GT	WEAR PAD,20X 1.5X.875 W/INST**	2
32	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
33	60222GT	SPACER,WEAR PAD	2
34	60304GT	SHIM,WEAR PAD,7 X 3,12GA	
35	60840GT	SHIM,WEAR PAD,7 X 3,16GA	
36	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	
37	149315GT	WELDMENT, EXTENSION BOOM #1	
38	60177GT	COVER,BOOM SIDE***	2
39	60691GT	SPACER,WEAR PAD	2
40	50246GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
41	60239GT	WEAR PAD,7 X 3 X.625 W/INSERT	4
42	6708GT	SCREW,HHC,3/8-16 X 2.25	
43	60335-SGT	FORMING,CYLINDER RETAINER	2
44	6097GT	WASHER, FLAT, USS, 3/8", Y	
45	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	
46	6889GT	NUT,LP NYLOCK,1/4-20	
47	80149GT	BOLT,CARRIAGE,1/4-20 X .5,G2	
48	T106678GT	WEAR PAD, 3 X 1.5 X .63	8
49	61379GT	WEAR PAD,3.5 X 2 X .625 W/INST	2
50	81640GT	WEAR PAD,3 X 1.5 X.625 W/NUTS	2
51	45209GT	WEAR PAD,4X2X.5 W/INSERT***	2

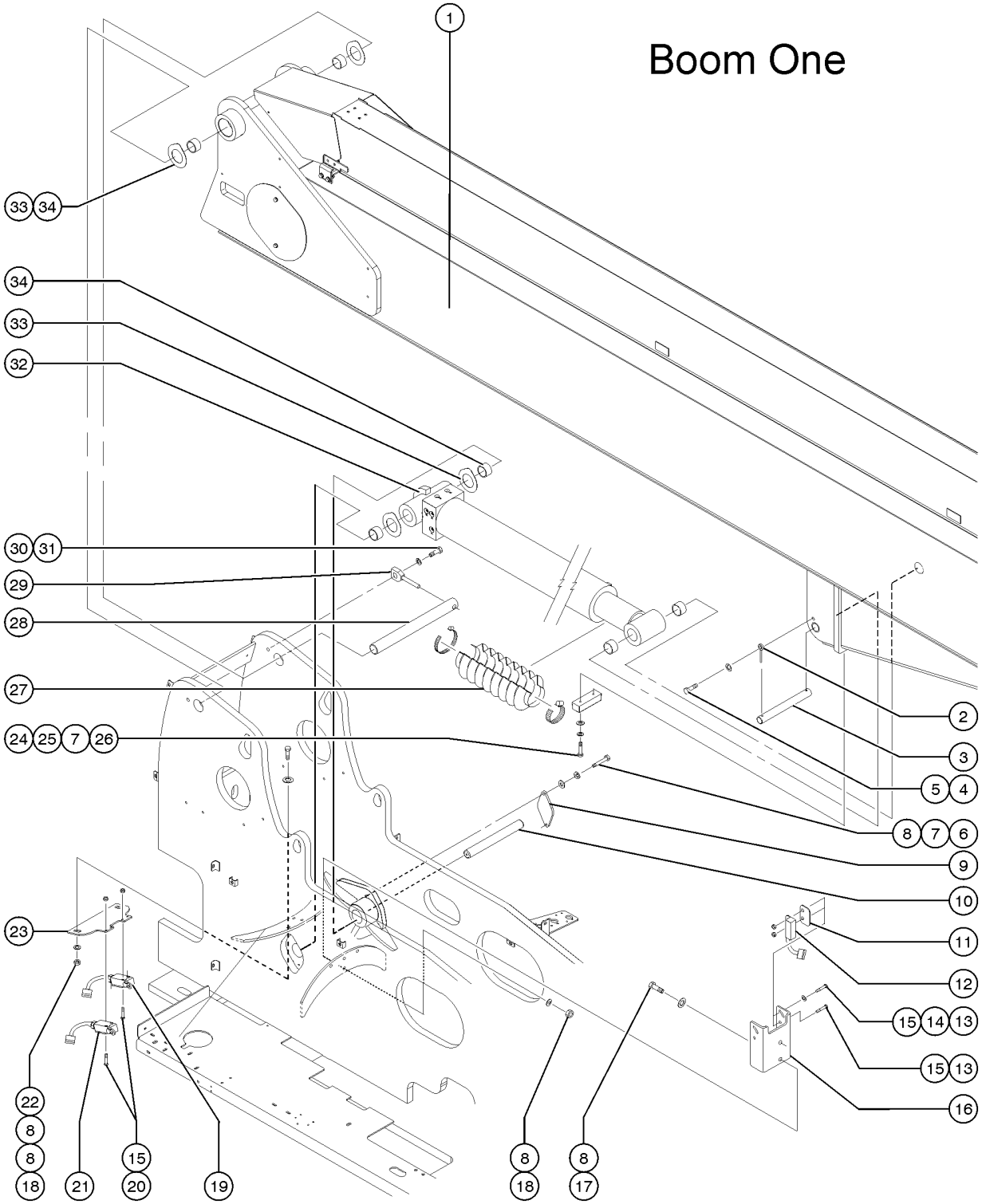
506.1 Boom Tube One, S-100HD - View 1



506.1 Boom Tube One, S-100HD - View 1

Item	Part No.	Description	Qty.
1	226116GT	BOOM TUBE ASSY #1 /W SYM DECAL includes item 34	
2	1256267GT	ROD END,.5 X 3.75,ZAG	3
3	60297GT	PIN,2.50DIAX11.00LG,1HOLE	1
4	8177GT	SCREW,HHC,1/2-13 X 1.5	
5	6033GT	WASHER,LOCK,0.5"	
6	5224GT	SCREW,HHC,3/8-16 X 2	
7	6021GT	WASHER, LOCK, .375	
8	5397GT	WASHER, FLAT, .313	
9	146089GT	PLATE, PIN RETAINER	
10	146091GT	PIN,2.50DIAX19.875LG,THREADED	
11	61233GT	SHIM,PROX SWITCH	1
12	60987GT	SWITCH,LIMIT,PROX(OPERATIONAL)	1
13	49816GT	SCREW, PHILLIPS, PHM, 10-32 X .75	
14	6146GT	WASHER,FLAT,MS,#10,Y	
15	6178GT	NUT, NYLOCK, 10-32	
16	61185GT	FORMING,LIMIT SWITCH MOUNT	1
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	
18	4828GT	NUT, NYLOCK, 3/8-16	
19	75032GT	LIMIT SWITCH,SAFETY	1
20	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
21	75033GT	LIMIT SWITCH,OPERATIONAL	1
22	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
23	146093GT	PLATE, LIMIT SWITCH MOUNT	
24	6175GT	SCREW,HHC,3/8-16 X 1	
25	6097GT	WASHER, FLAT, USS, 3/8", Y	
26	75011GT	BOOM #0 REST PAD	
27	60326GT	COVER,PROTECTIVE,LIFT CYLINDER clamps are not included	1
27-	31523GT	CLAMP,HOSE,8.50 DIA***	

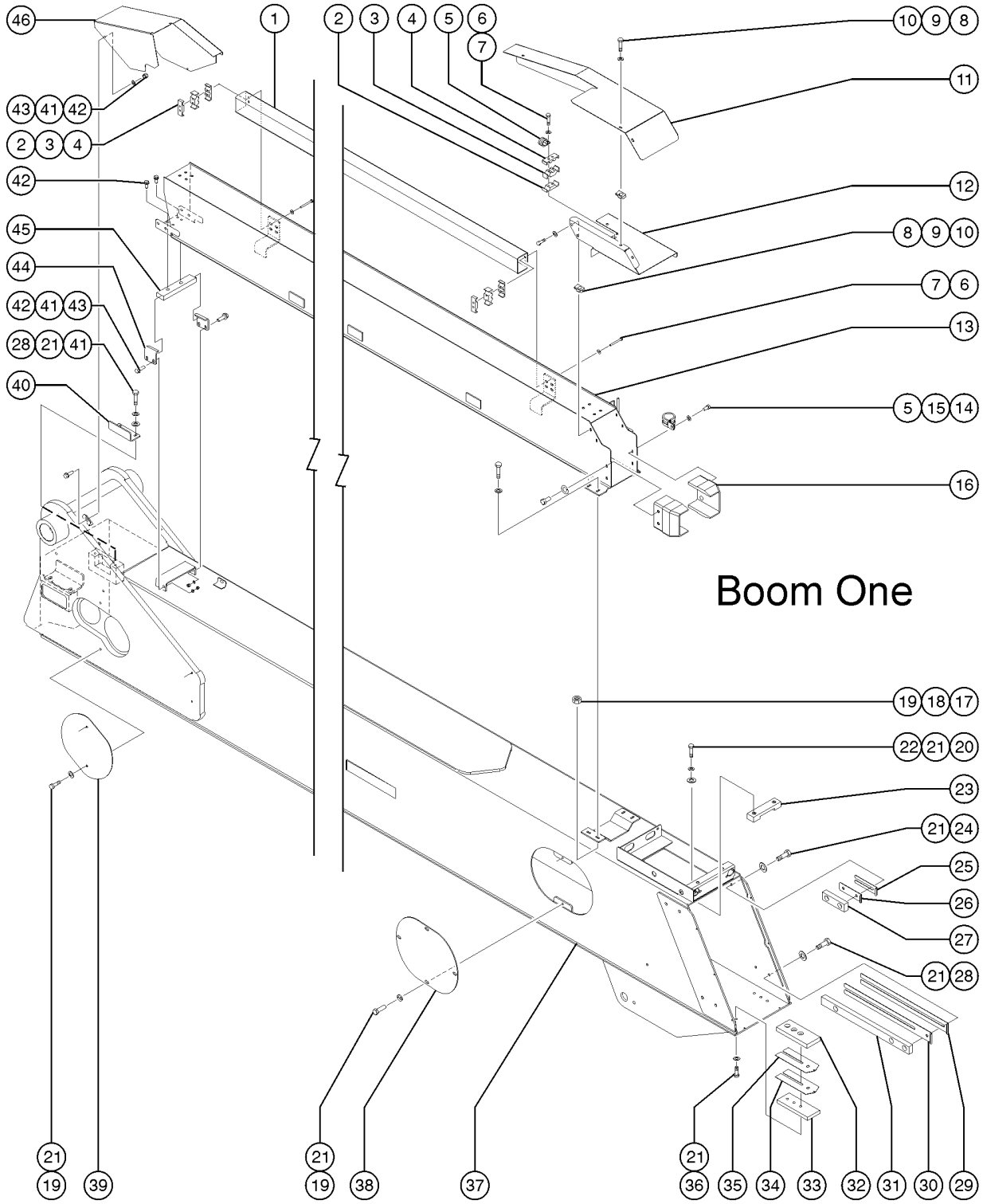
506.1 Boom Tube One, S-100HD - View 1



506.1 Boom Tube One, S-100HD - View 1

Item	Part No.	Description	Qty.
27-	35432GT	CLAMP,HOSE,6.50	
28	61340GT	PIN,PRI.BOOM PIVOT. 2.50X25.50	1
29	61341GT	ROD END,.75 X 5.00	1
30	34348GT	SCREW,HHC,3/4-10 X 3 GRD.8	
31	34550GT	WASHER,LOCK,.75 PLTD	
32	146324GT	CYLINDER, PRIMARY LIFT	
32A-	65792GT	SEAL KIT CYL.S100/120 (50078) use with cylinder 146324	
32B-	61602GT	VALVE,COUNTERBAL.CBBB-LHN@3500 use on extend side, V3	
32C-	60984GT	VALVE COUNTERBAL.CBBD-LJN@5000 use on retract side, V2	2
32D-	75064GT	VALVE, COUNTERBALANCE, CWCG-LGN.5000 use on extend side, V1	1
32E-	62449GT	SEAL KIT,SUN "CWCA" CB VALVES*	
33	60302GT	SHIM,BOOM PIVOT as-needed	
34	34131GT	BEARING,2.50IDX3.00ODX2.00L	6

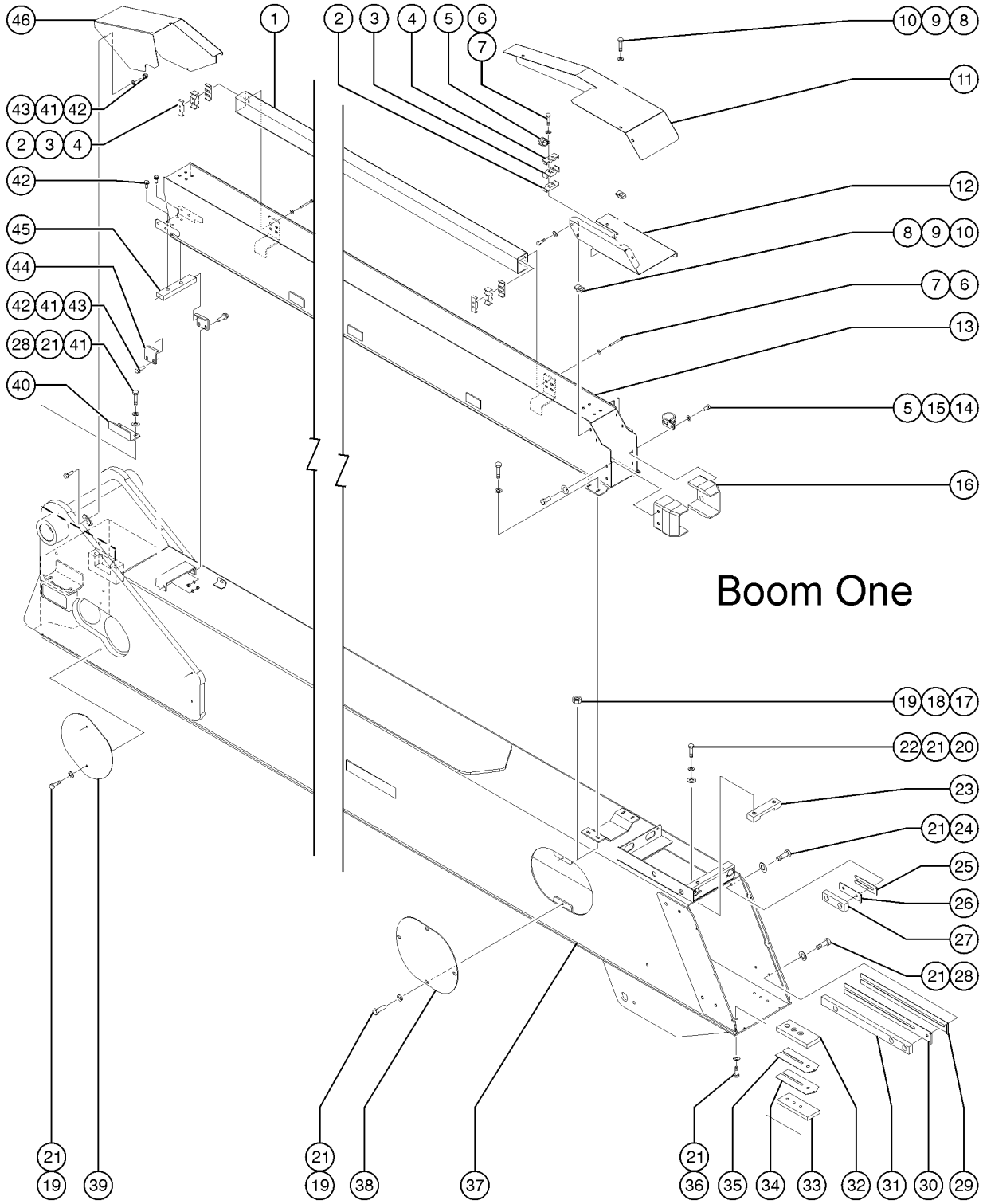
507.1 Boom Tube One, S-100HD - View 2



507.1 Boom Tube One, S-100HD - View 2

Item	Part No.	Description	Qty.
1	149314GT	TUBE, PT1 SIDE TUBE	1
2	149250GT	TUBE END CLAMP-3	2
3	149249GT	TUBE END CLAMP-2	3
4	149248GT	TUBE END CLAMP-1	3
5	18666GT	CLAMP, 1.00, #16 x 1/4, RUB CUSH	
6	6884GT	SCREW,HHC,1/4-20 X 2.5	
7	6638GT	WASHER,FLAT, USS, 1/4"Y	
8	6888GT	SCREW, HHC, 1/4-20 X 1	
9	6638GT	WASHER,FLAT, USS, 1/4"Y	
10	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
11	T109440GT	FORMING,SY PT1 HOSE SHIELD TOP	1
12	T109439GT	FORMING,SY PT1 HOSE SHIELD BTM	1
13	149328GT	WELDMENT, PULL TUBE 1	1
14	7339GT	SCREW,HHC,1/4-20 X .5	
15	6356GT	WASHER, LOCK, .25	
16	149254GT	SCRAPER, PULL TUBE 1	2
17	7713GT	NUT, LP NYLOCK, 3/8-16	
18	5397GT	WASHER, FLAT, .313	
19	8255GT	SCREW,HHC,3/8-16 X .75	
20	6175GT	SCREW,HHC,3/8-16 X 1	
21	6021GT	WASHER, LOCK, .375	
22	5397GT	WASHER, FLAT, .313	
23	61164GT	WEAR PAD,BOOM #2 TOP	
24	57072GT	SCREW,BHHS,3/8-16 X 1.25	
25	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	
26	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	
27	73461GT	WEAR PAD,5 X 1.5 X .875 W/NUTS	14
28	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

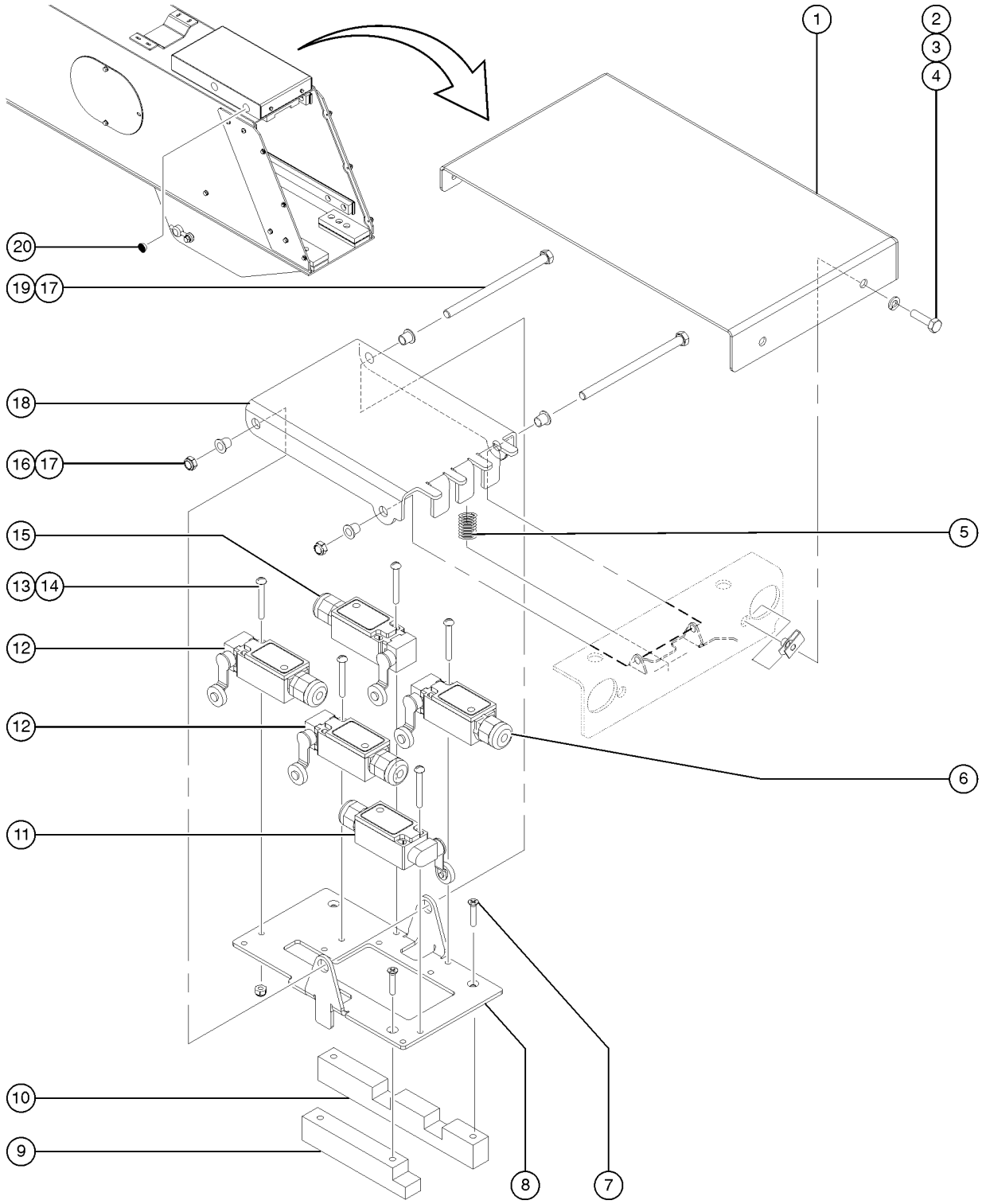
507.1 Boom Tube One, S-100HD - View 2



507.1 Boom Tube One, S-100HD - View 2

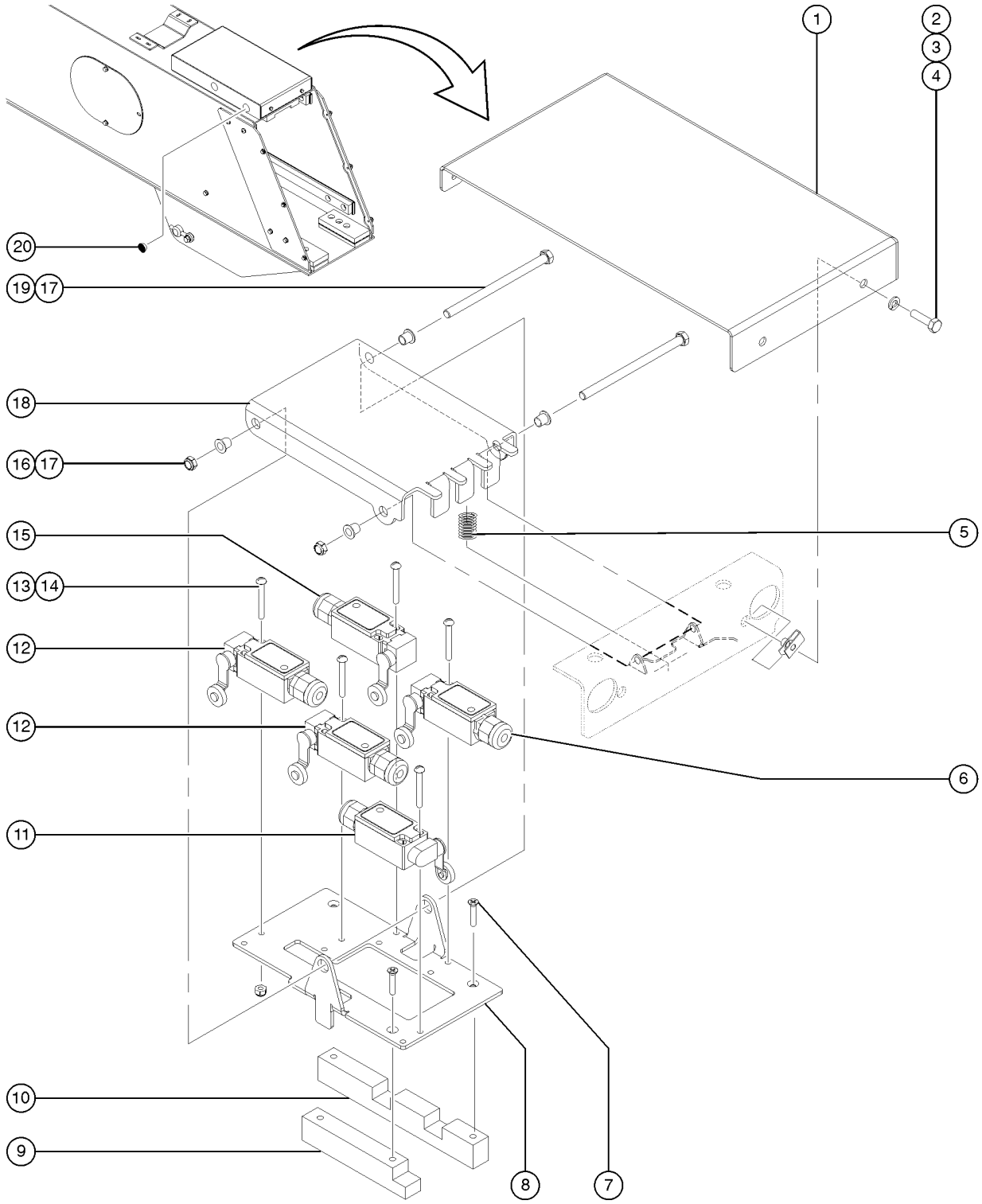
Item	Part No.	Description	Qty.
29	89847GT	SHIM,SIDE PAD,20X2	2
30	89846GT	SHIM,SIDE PAD,20X2	2
31	89845GT	WEAR PAD,20X 1.5X.875 W/INST**	2
32	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
33	60222GT	SPACER,WEAR PAD	2
34	60304GT	SHIM,WEAR PAD,7 X 3,12GA	
35	60840GT	SHIM,WEAR PAD,7 X 3,16GA	
36	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	
37		Ref. BOOM TUBE ASSY #1 /W SYM DECAL (refer to 506.1)	
38	60177GT	COVER,BOOM SIDE***	2
39	60256GT	COVER,BOOM SIDE	2
40	60335-SGT	FORMING,CYLINDER RETAINER	2
41	6097GT	WASHER, FLAT, USS, 3/8", Y	
42	122202GT	SCREW,FLANGE,HHC,3/8-16X1.25	
43	4828GT	NUT, NYLOCK, 3/8-16	
44	T110521GT	FORMING, SY PT LOCK PLATE	
45	T110523GT	WEAR PAD, 7.63 X 1.5 X .75	
46	T107037GT	FORMING, REAR CABLE COVER	1

508.1 Boom Tube One - Limit Switches, S-100HD



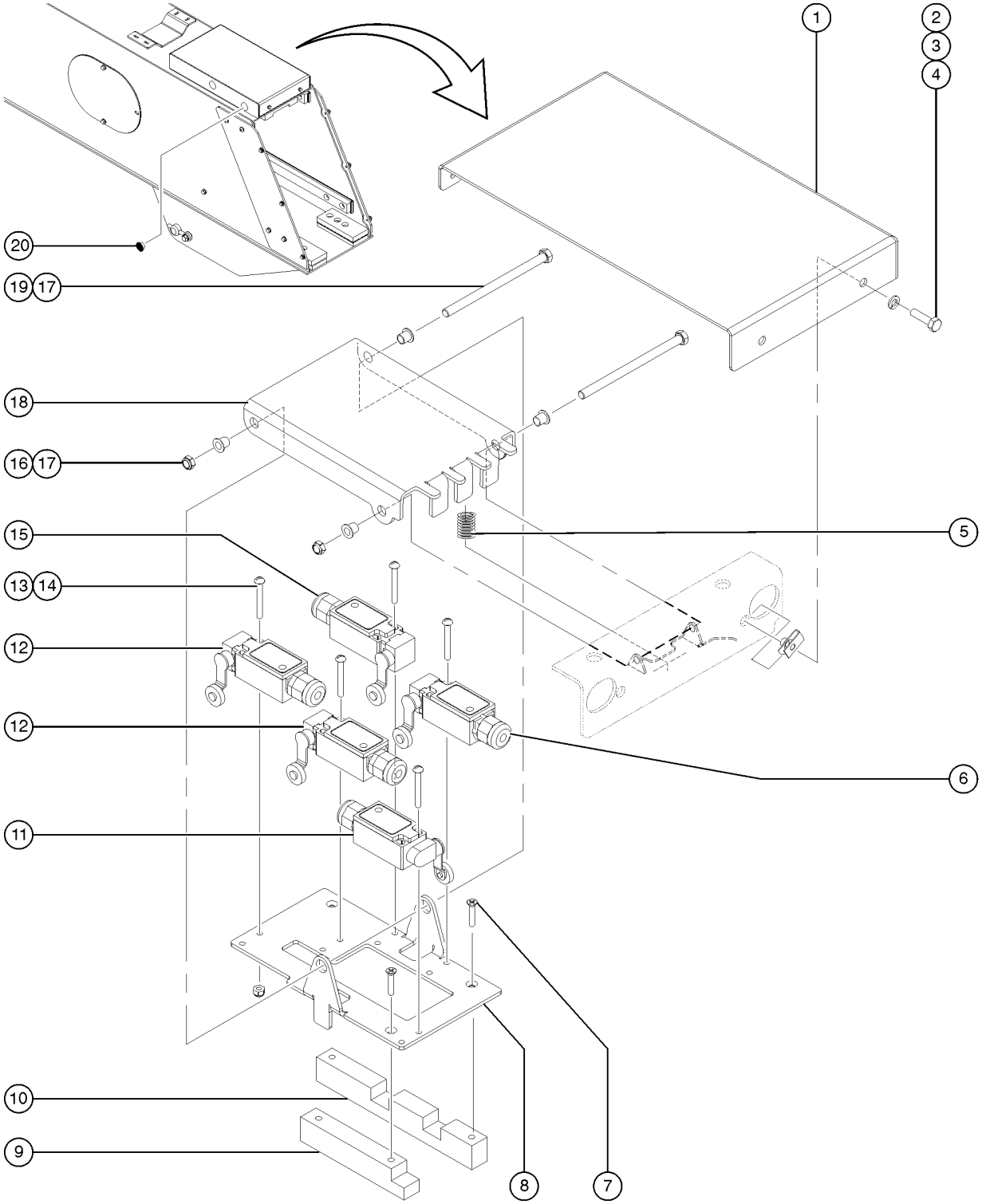
Item	Part No.	Description	Qty.
1	226114GT	LIMIT SWITCH COVER, SERV with decals	1
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6356GT	WASHER, LOCK, .25	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	61171GT	SPRING,1.00 DIA X .105	3
6	75031GT	LIMIT SWITCH,SAFETY	1
6-	75913GT	LIMIT SWITCH, SAFETY,NO WIRE	
6-	75910GT	WIRE ASSEMBLY,16/4SJO,9.5"PLUG	
6-	53983GT	STRAIN RELIEF, PG13,5	
7	49824GT	SCREW,PHILLIPS,FHM,10-32X1.00	4
8	89105PGT	FORMING,LIMIT SWITCH MOUNT**	1
9	89107GT	WEAR PAD,LIMIT SWITCH MNT.SHOR	1
10	89106GT	WEAR PAD,LIMIT SWITCH MNT.LONG	1
11	146199GT	LIMIT SWITCH,SAFETY	1
11-	110771-74B69GT	SWITCH,LIMIT,ROLLER NO/NC GOLD	
11-	128636GT	ROLLER, ARM, LIMIT SWITCH, ZCY500	
11-	146325GT	CONN.SQZ,PG 11,.34-.47,W/ORING	
12	89110GT	LIMIT SWITCH,OPERATIONAL	2
12-	75911GT	LIMIT SWITCH,OPERATION,NO WIRE	
12-	75912GT	WIRE ASSEMBLY,16/4SJO,9.5"RECP	
12-	53983GT	STRAIN RELIEF, PG13,5	
13	16487GT	SCREW,RHM,10-32 X 1.5	10
14	6178GT	NUT, NYLOCK, 10-32	10
15	89109GT	LIMIT SWITCH,OPERATIONAL	1
15-	75911GT	LIMIT SWITCH,OPERATION,NO WIRE	
15-	75912GT	WIRE ASSEMBLY,16/4SJO,9.5"RECP	
15-	53983GT	STRAIN RELIEF, PG13,5	
16	7713GT	NUT, LP NYLOCK, 3/8-16	4

508.1 Boom Tube One - Limit Switches, S-100HD



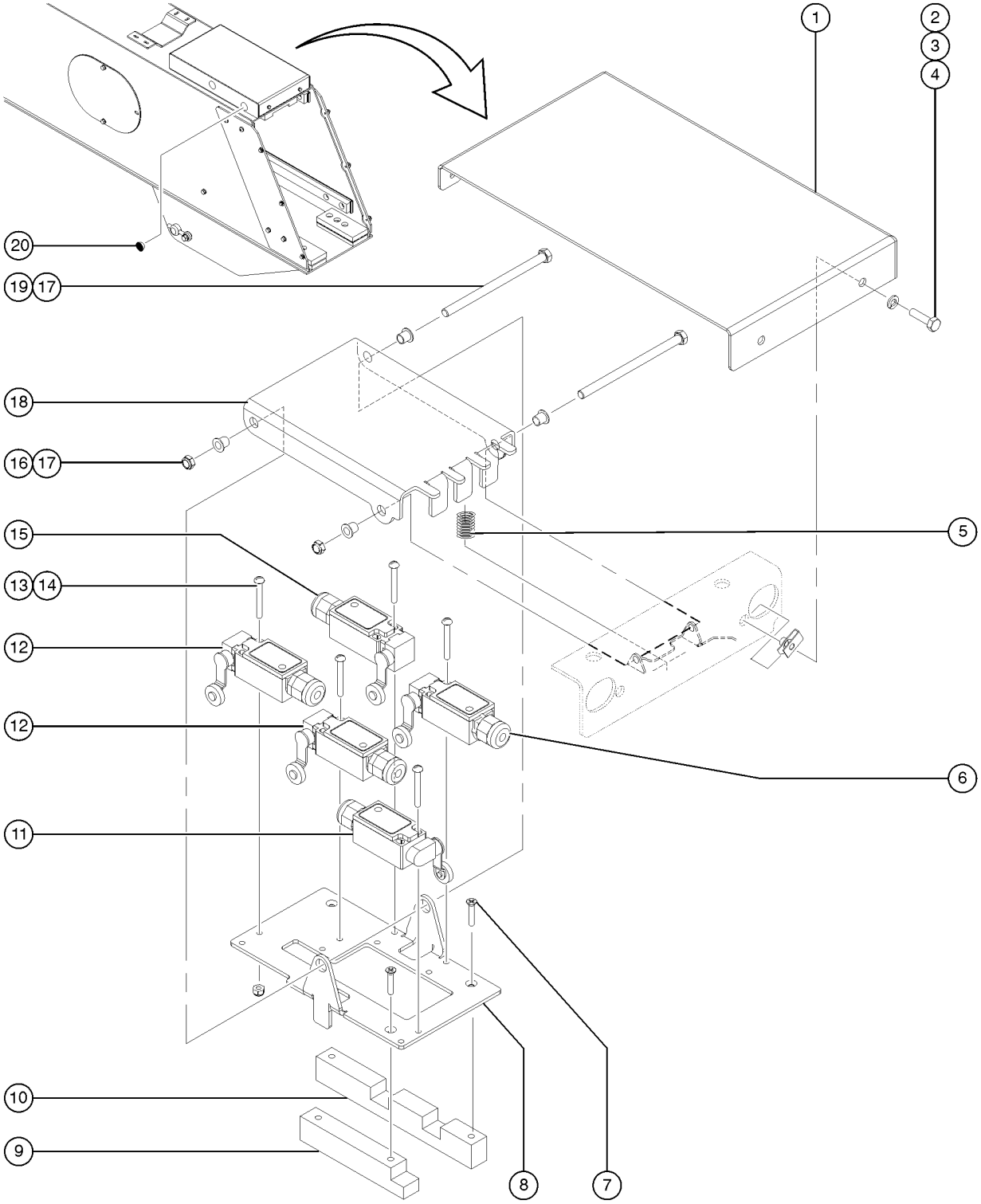
Item	Part No.	Description	Qty.
17	44335GT	BUSHING,FLANGE, .375X.5	4
18	89164GT	FORMING,LIMIT SWITCH LINK	1
19	22832GT	SCREW,HHC,3/8-16 X 6	2
20	15243GT	PLUG,NYLON .875 BLACK DOMED	4

508.2 Boom Tube One - Limit Switches, S-120HD



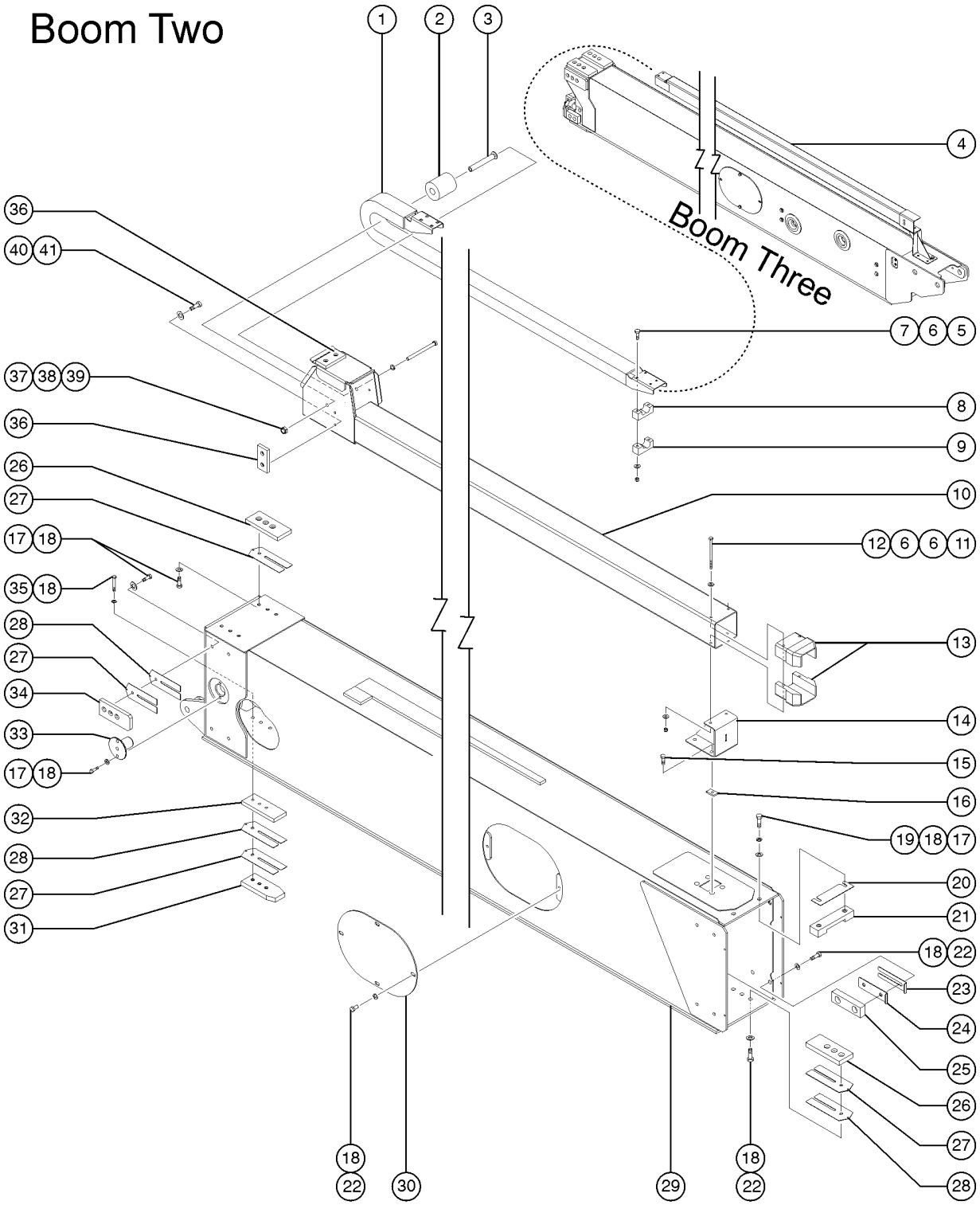
Item	Part No.	Description	Qty.
1	226114GT	LIMIT SWITCH COVER, SERV with decals	1
2	6888GT	SCREW, HHC, 1/4-20 X 1	
3	6356GT	WASHER, LOCK, .25	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	61171GT	SPRING,1.00 DIA X .105	3
6	75031GT	LIMIT SWITCH,SAFETY	1
6-	75913GT	LIMIT SWITCH, SAFETY,NO WIRE	
6-	75910GT	WIRE ASSEMBLY,16/4SJO,9.5"PLUG	
6-	53983GT	STRAIN RELIEF, PG13,5	
7	49824GT	SCREW,PHILLIPS,FHM,10-32X1.00	4
8	89105PGT	FORMING,LIMIT SWITCH MOUNT**	1
9	89107GT	WEAR PAD,LIMIT SWITCH MNT.SHOR	1
10	89106GT	WEAR PAD,LIMIT SWITCH MNT.LONG	1
11	146199GT	LIMIT SWITCH,SAFETY	1
11-	110771-74B69GT	SWITCH,LIMIT,ROLLER NO/NC GOLD	
11-	128636GT	ROLLER, ARM, LIMIT SWITCH, ZCY500	
11-	146325GT	CONN.SQZ,PG 11,.34-.47,W/ORING	
12	89110GT	LIMIT SWITCH,OPERATIONAL	2
12-	75911GT	LIMIT SWITCH,OPERATION,NO WIRE	
12-	75912GT	WIRE ASSEMBLY,16/4SJO,9.5"RECP	
12-	53983GT	STRAIN RELIEF, PG13,5	
13	16487GT	SCREW,RHM,10-32 X 1.5	10
14	6178GT	NUT, NYLOCK, 10-32	10
15	89109GT	LIMIT SWITCH,OPERATIONAL	1
15-	75911GT	LIMIT SWITCH,OPERATION,NO WIRE	
15-	75912GT	WIRE ASSEMBLY,16/4SJO,9.5"RECP	
15-	53983GT	STRAIN RELIEF, PG13,5	
16	7713GT	NUT, LP NYLOCK, 3/8-16	4

508.2 Boom Tube One - Limit Switches, S-120HD



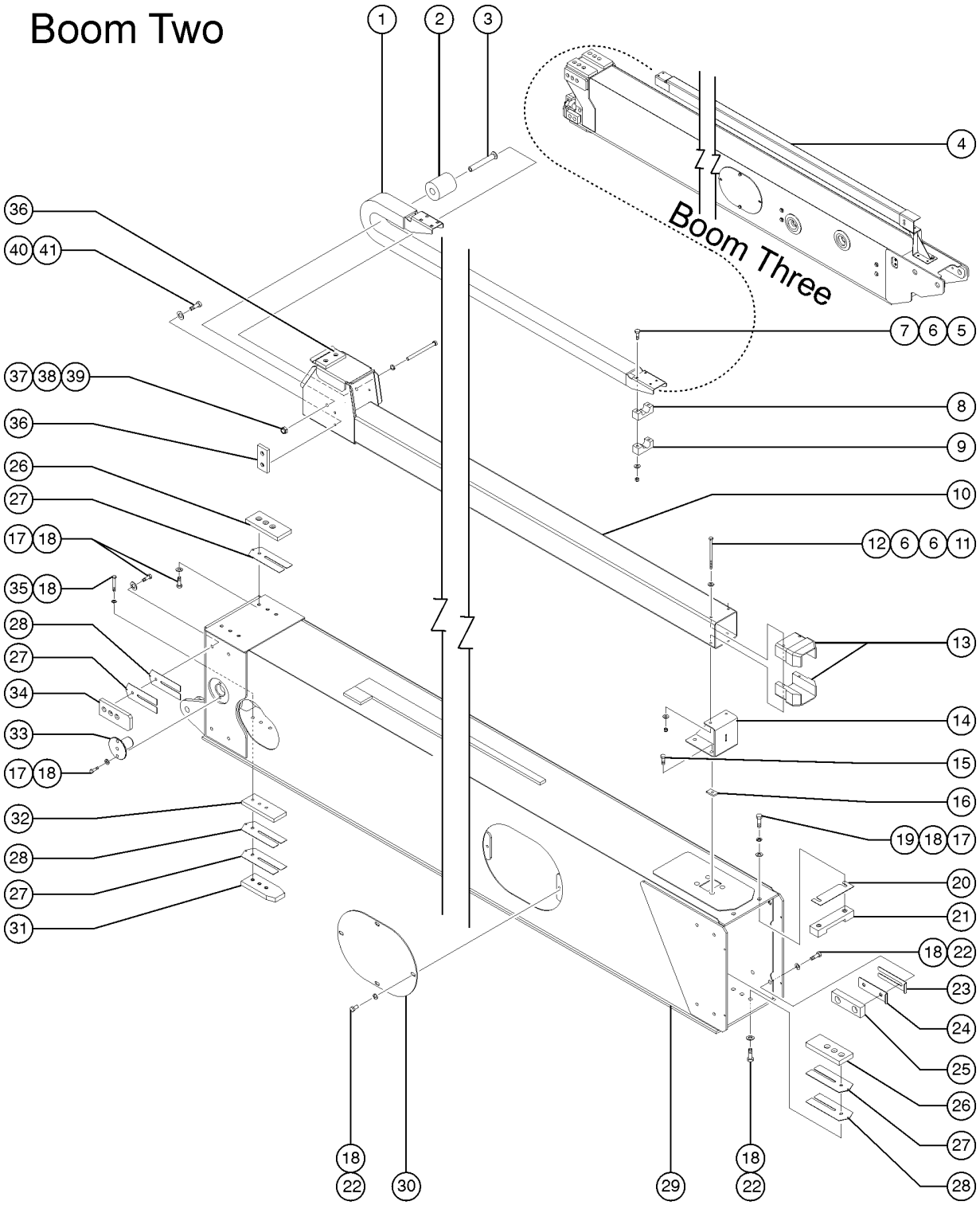
Item	*Part No.*	*Description*	*Qty.*
17	44335GT	BUSHING,FLANGE, .375X.5	4
18	89164GT	FORMING,LIMIT SWITCH LINK	1
19	22832GT	SCREW,HHC,3/8-16 X 6	2
20	15243GT	PLUG,NYLON .875 BLACK DOMED	4

509.1 Boom Tube Two, S-100HD



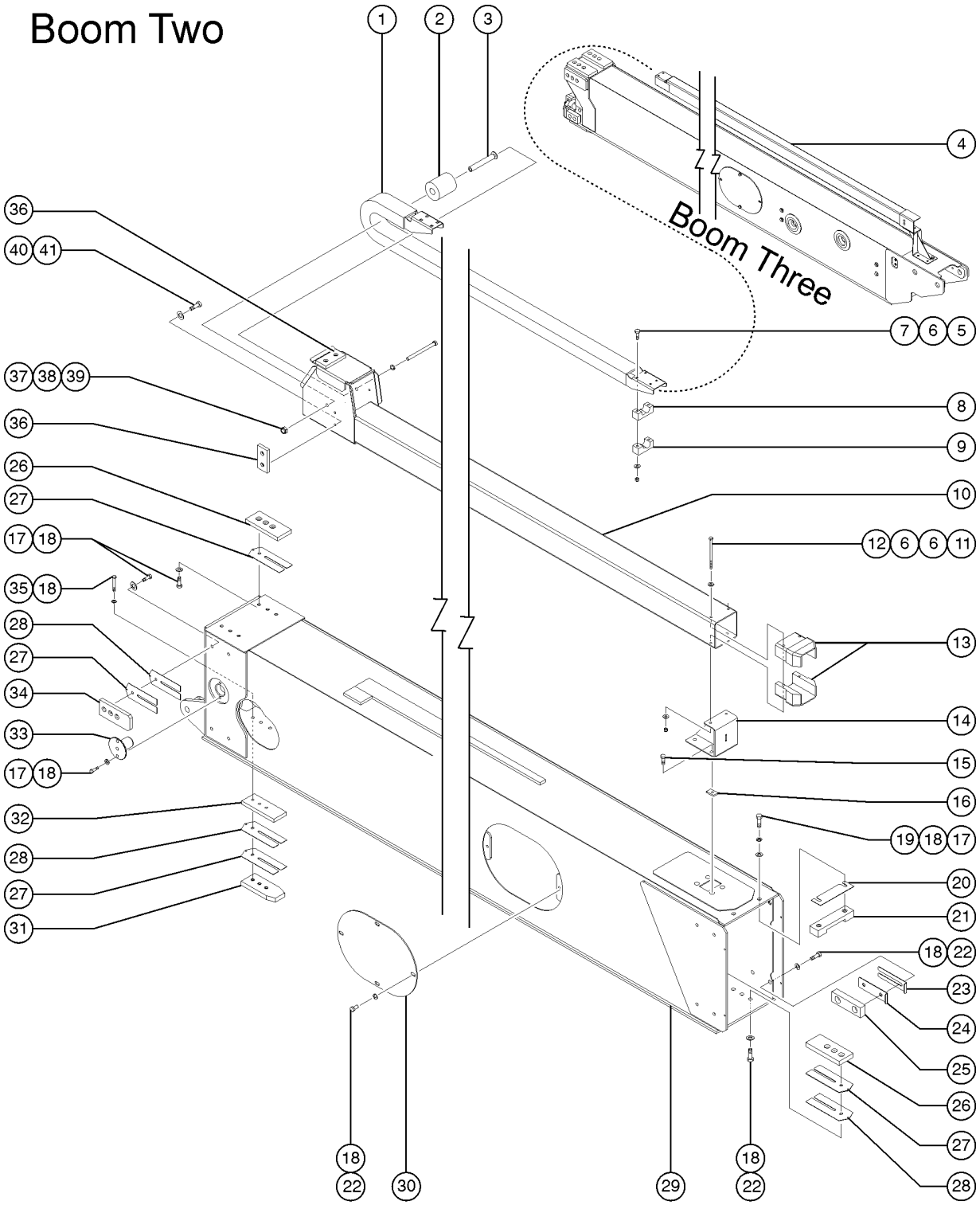
Item	Part No.	Description	Qty.
1	149334GT	CABLE TRACK, VERT. 139 LINKS	
1-	226094GT	REPAIR LINK SET,4 LINK(149334)	
1-	226095GT	MOVING END, BRACKET KIT, (149334)	
1-	226096GT	FIXED END, BRACKET KIT, (149334)	
1-	226098GT	CROSSBAR W/HARDWARE, (149334)	
2	149332GT	VCT ROLLER	1
3	149385GT	VCT ROLLER	1
4		Boom Tube Three refer to 510.1	
5	96905GT	BOLT, CARRIAGE, 1/4-20 X 2.5, G2	
6	6638GT	WASHER,FLAT, USS, 1/4"Y	
7	6889GT	NUT,LP NYLOCK,1/4-20	
8	T109435GT	CLAMP, HOSE, SY VERT CBL TRK	1
9	T109436GT	CLAMP, CABLE, SY VERT CBL TRK	1
10	149326GT	WELDMENT, PULL TUBE #2	
11	74254GT	SCREW,HHC,1/4-20 X 4.5	
12	6091GT	NUT, NYLOCK, 1/4-20	
13	149333GT	SCRAPER PULL TUBE 2	2
14	149335GT	PULL TUBE 2 BRKT	1
15	122200GT	SCREW,FLANGE,HHC,3/8-16X 7/8	
16	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
17	6175GT	SCREW,HHC,3/8-16 X 1	
18	6021GT	WASHER, LOCK, .375	
19	5397GT	WASHER, FLAT, .313	
20	75286GT	SHIM, WEAR PAD,THIN,SB	1
21	61164GT	WEAR PAD,BOOM #2 TOP	1
22	8255GT	SCREW,HHC,3/8-16 X .75	
23	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	4
24	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	4

509.1 Boom Tube Two, S-100HD



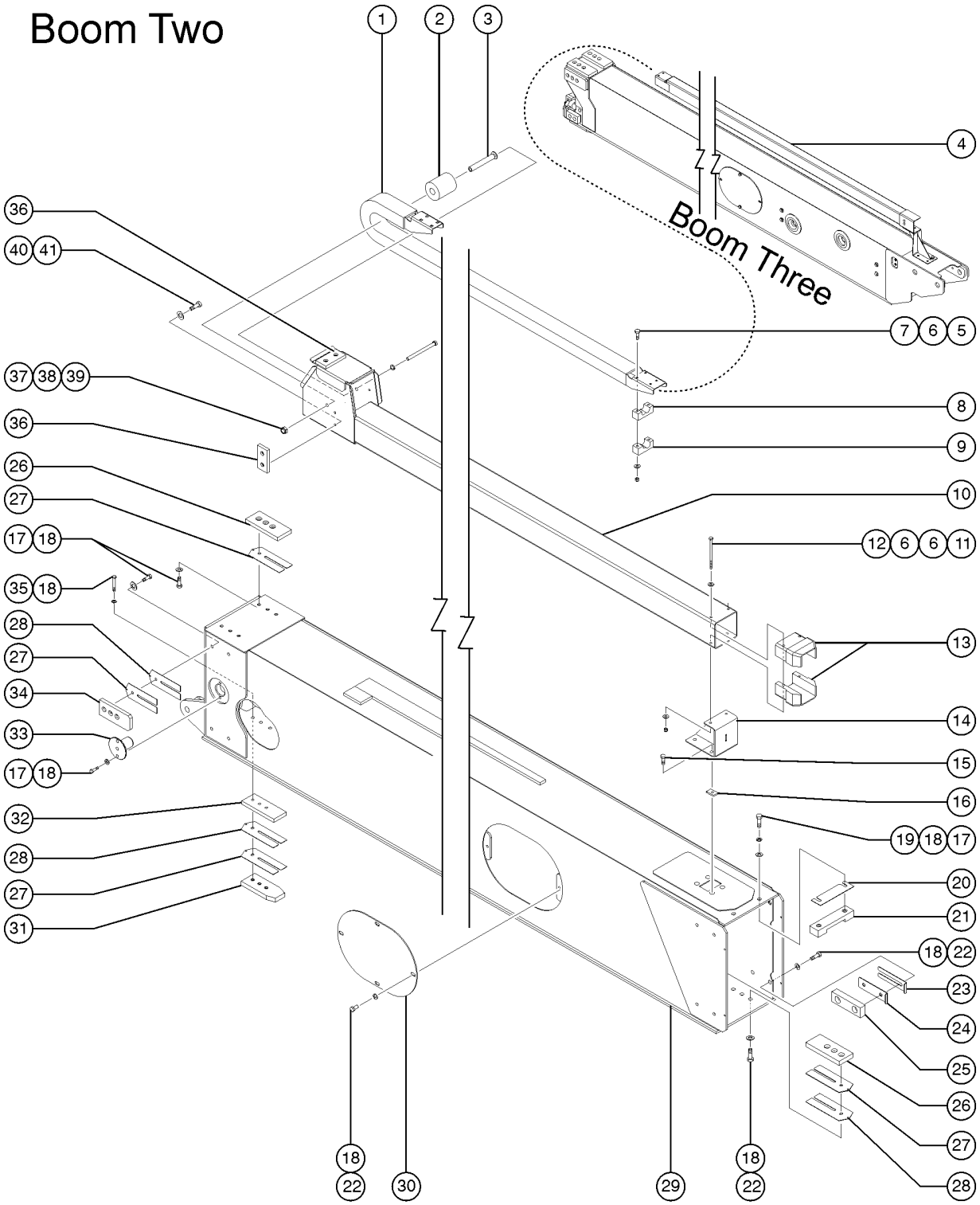
Item	Part No.	Description	Qty.
25	73461GT	WEAR PAD,5 X 1.5 X .875 W/NUTS	4
26	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	4
27	60840GT	SHIM,WEAR PAD,7 X 3,16GA	10
28	60304GT	SHIM,WEAR PAD,7 X 3,12GA	8
29	149329GT	WELDMENT, BOOM SECTION #2	
30	60177GT	COVER,BOOM SIDE***	2
31	50246GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
32	60222GT	SPACER,WEAR PAD	2
33	60192GT	PIN,EXTENSION CYLINDER MOUNT	2
34	60239GT	WEAR PAD,7 X 3 X.625 W/INSERT	4
35	14033GT	SCREW, HHC, 3/8-16 X 2.75	
36	45209GT	WEAR PAD,4X2X.5 W/INSERT***	3
37	7713GT	NUT, LP NYLOCK, 3/8-16	
38	6097GT	WASHER, FLAT, USS, 3/8", Y	
39	T109837GT	SCREW,HHC,3/8-16 X 4.75	
40	108717GT	SCREW,BHHS,1/4-20X5/8,BLK	
41	6356GT	WASHER, LOCK, .25	

509.2 Boom Tube Two, S-120HD



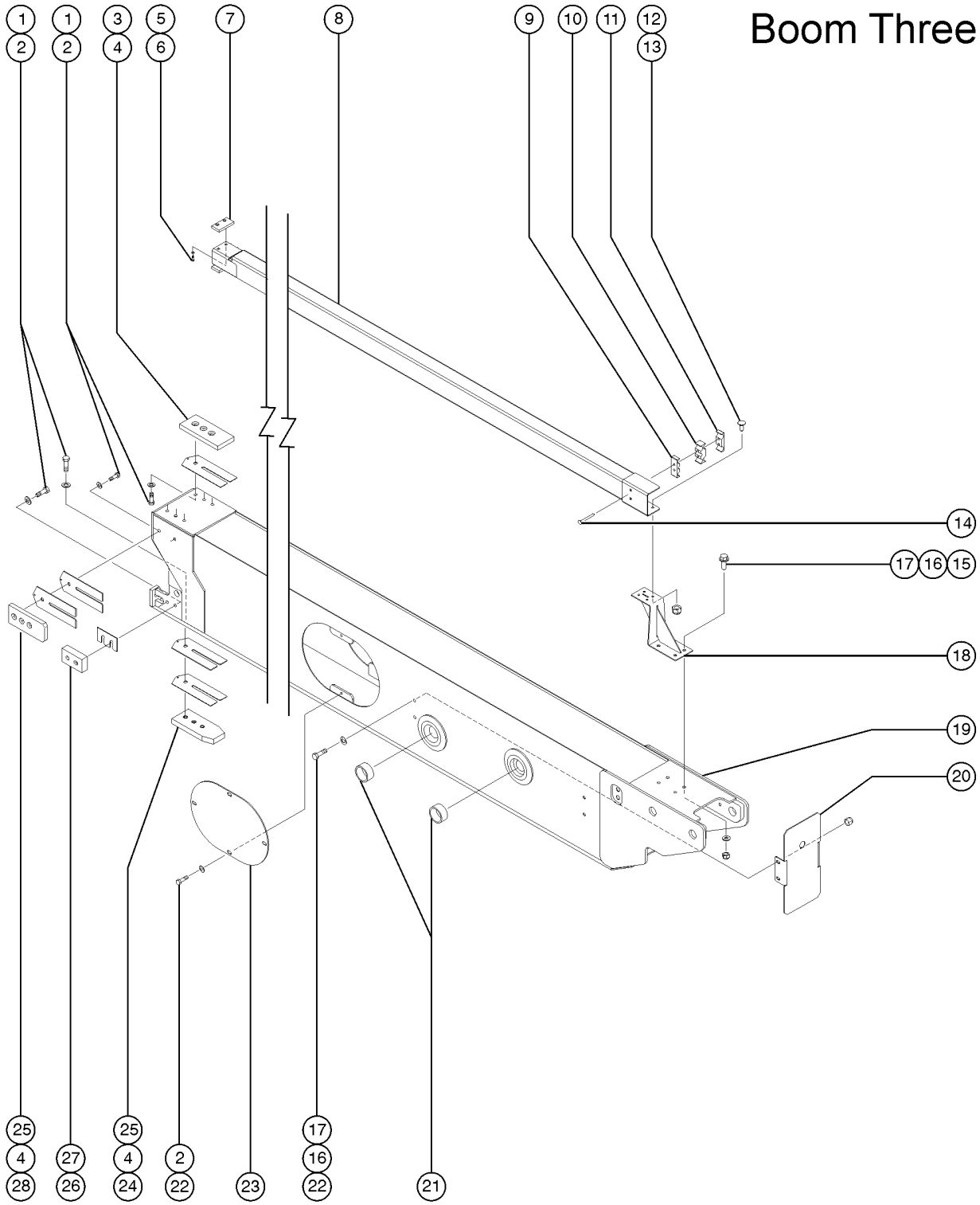
Item	Part No.	Description	Qty.
1	149334GT	CABLE TRACK, VERT. 139 LINKS	
1-	226094GT	REPAIR LINK SET,4 LINK(149334)	
1-	226095GT	MOVING END, BRACKET KIT, (149334)	
1-	226096GT	FIXED END, BRACKET KIT, (149334)	
1-	226098GT	CROSSBAR W/HARDWARE, (149334)	
2	149332GT	VCT ROLLER	1
3	149385GT	VCT ROLLER	1
4		Boom Tube Three refer to 510.1	
5	96905GT	BOLT, CARRIAGE, 1/4-20 X 2.5, G2	
6	6638GT	WASHER,FLAT, USS, 1/4"Y	
7	6889GT	NUT,LP NYLOCK,1/4-20	
8	T109435GT	CLAMP, HOSE, SY VERT CBL TRK	1
9	T109436GT	CLAMP, CABLE, SY VERT CBL TRK	1
10	149326GT	WELDMENT, PULL TUBE #2	
11	74254GT	SCREW,HHC,1/4-20 X 4.5	
12	6091GT	NUT, NYLOCK, 1/4-20	
13	149333GT	SCRAPER PULL TUBE 2	2
14	149335GT	PULL TUBE 2 BRKT	1
15	122200GT	SCREW,FLANGE,HHC,3/8-16X 7/8	
16	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
17	6175GT	SCREW,HHC,3/8-16 X 1	
18	6021GT	WASHER, LOCK, .375	
19	5397GT	WASHER, FLAT, .313	
20	75286GT	SHIM, WEAR PAD,THIN,SB	1
21	61164GT	WEAR PAD,BOOM #2 TOP	1
22	8255GT	SCREW,HHC,3/8-16 X .75	
23	29080GT	SHIM,WEAR PAD,5X 1.5 16GA	4
24	38620GT	SHIM,WEAR PAD,5 X 1.5,14GA	4

509.2 Boom Tube Two, S-120HD



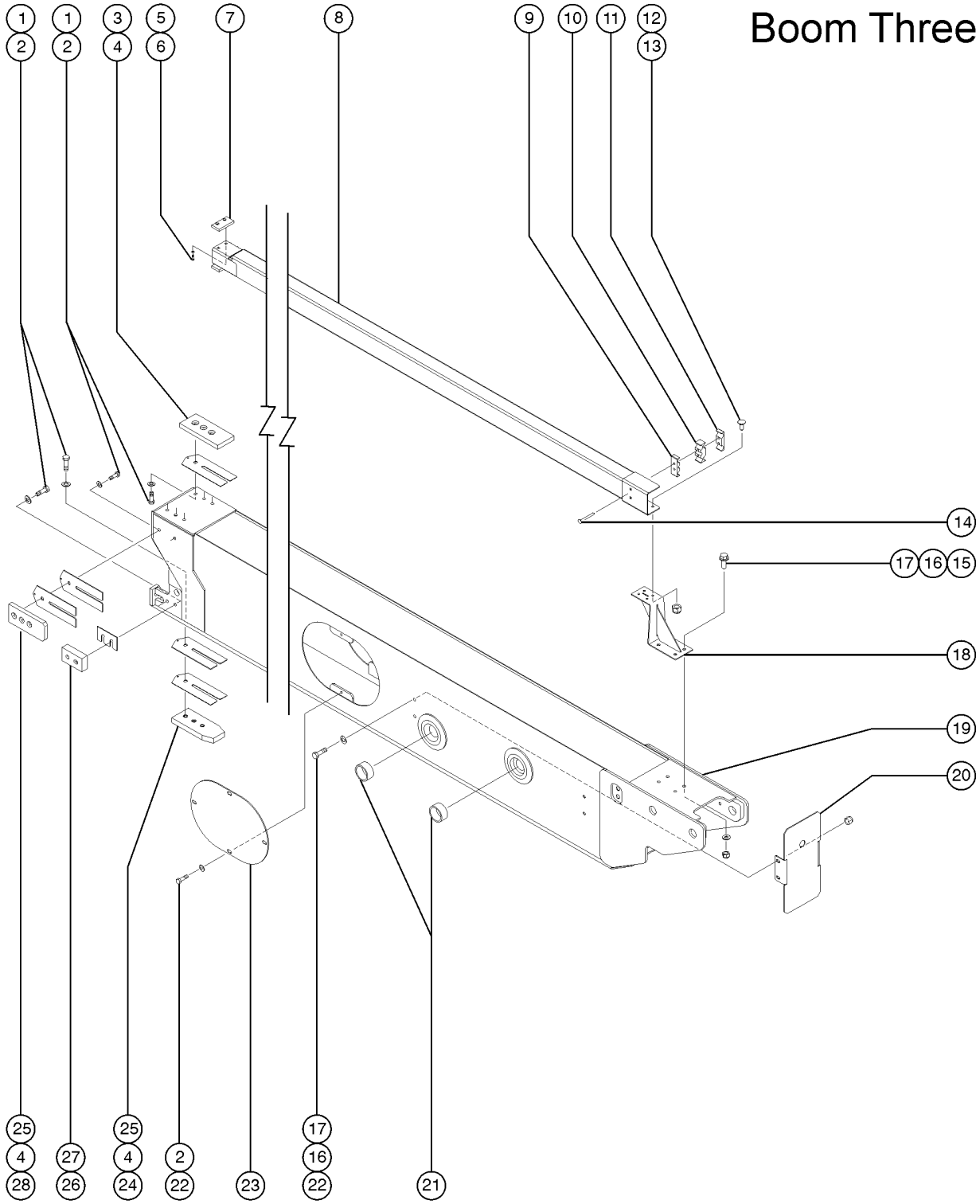
Item	Part No.	Description	Qty.
25	73461GT	WEAR PAD,5 X 1.5 X .875 W/NUTS	4
26	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	4
27	60840GT	SHIM,WEAR PAD,7 X 3,16GA	10
28	60304GT	SHIM,WEAR PAD,7 X 3,12GA	8
29	149329GT	WELDMENT, BOOM SECTION #2	
30	60177GT	COVER,BOOM SIDE***	2
31	50246GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
32	60222GT	SPACER,WEAR PAD	2
33	60192GT	PIN,EXTENSION CYLINDER MOUNT	2
34	60239GT	WEAR PAD,7 X 3 X.625 W/INSERT	4
35	14033GT	SCREW, HHC, 3/8-16 X 2.75	
36	45209GT	WEAR PAD,4X2X.5 W/INSERT***	3
37	7713GT	NUT, LP NYLOCK, 3/8-16	
38	6097GT	WASHER, FLAT, USS, 3/8", Y	
39	T109837GT	SCREW,HHC,3/8-16 X 4.75	
40	108717GT	SCREW,BHHS,1/4-20X5/8,BLK	
41	6356GT	WASHER, LOCK, .25	

510.1 Boom Tube Three, S-100HD



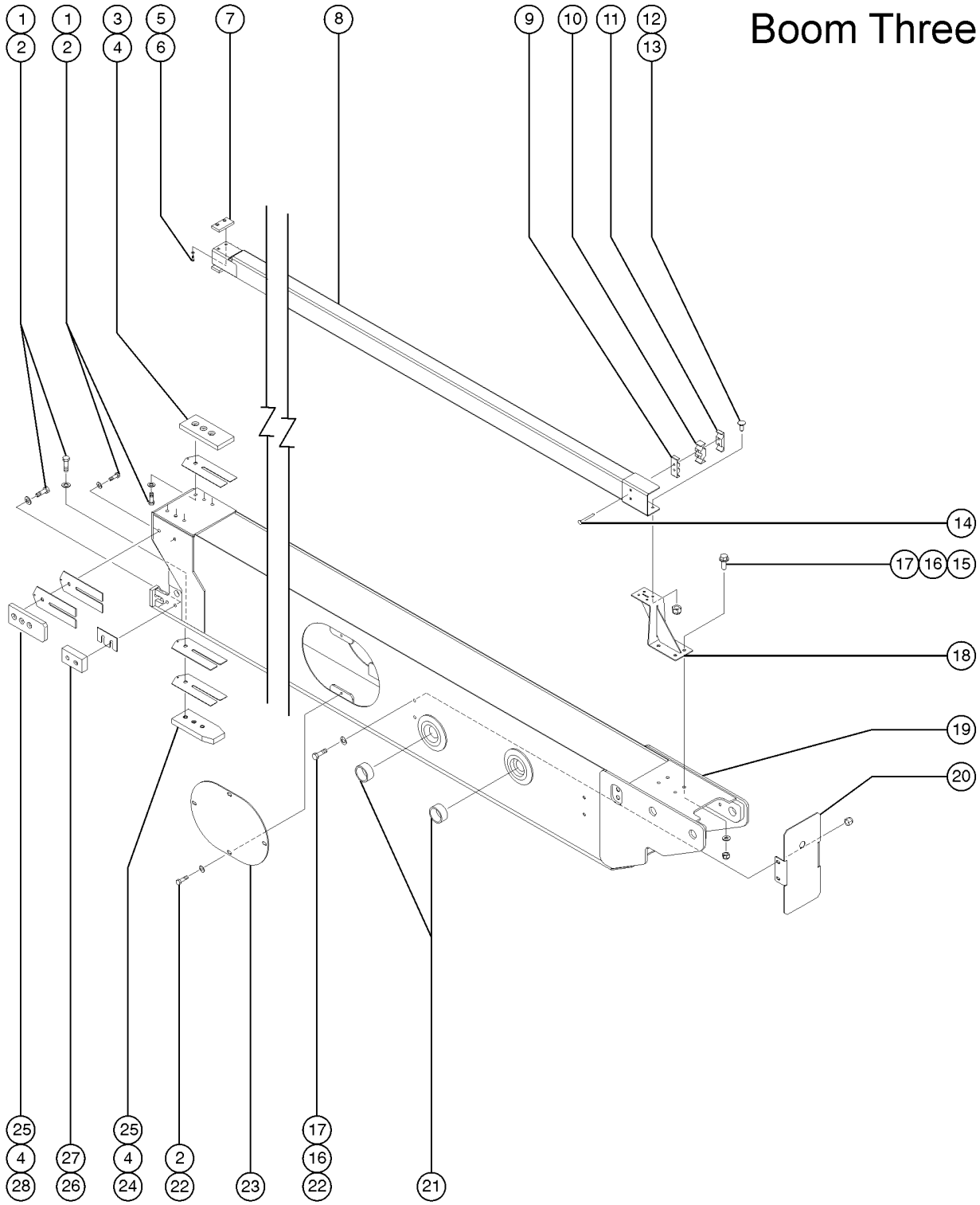
Item	Part No.	Description	Qty.
-	110277GT	FIRE SLEEVE, 2.0"	36
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
4	60840GT	SHIM,WEAR PAD,7 X 3,16GA	6
5	7339GT	SCREW,HHC,1/4-20 X .5	
6	6356GT	WASHER, LOCK, .25	
7	149336GT	WEAR PAD, PULL TUBE 3	2
8	149340GT	WELDMENT, PULL TUBE 3	1
9	149248GT	TUBE END CLAMP-1	1
10	149249GT	TUBE END CLAMP-2	1
11	149250GT	TUBE END CLAMP-3	1
12	87645GT	BOLT,CARRIAGE,1/4-20 X .63,G2	
13	6091GT	NUT, NYLOCK, 1/4-20	
14	96905GT	BOLT, CARRIAGE, 1/4-20 X 2.5, G2	
15	122201GT	SCREW,FLANGE,HHC,3/8-16X1.00	
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	4828GT	NUT, NYLOCK, 3/8-16	
18	149371GT	FORMING, BELLOWS MOUNT (no longer available)	1
19	226117GT	BOOM TUBE ASSY #3 /W SYM DECAL	
20	60194GT	FORMING,TUBE GUARD	1
21	30370GT	BEARING,1.25IDX1.5ODX1.00L	4
22	8255GT	SCREW,HHC,3/8-16 X .75	
23	60177GT	COVER,BOOM SIDE***	2
24	50246GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
25	60304GT	SHIM,WEAR PAD,7 X 3,12GA	4
26	61379GT	WEAR PAD,3.5 X 2 X .625 W/INST	2
27	61380GT	SHIM,SIDE WEAR PAD .059 THK.	2

510.1 Boom Tube Three, S-100HD



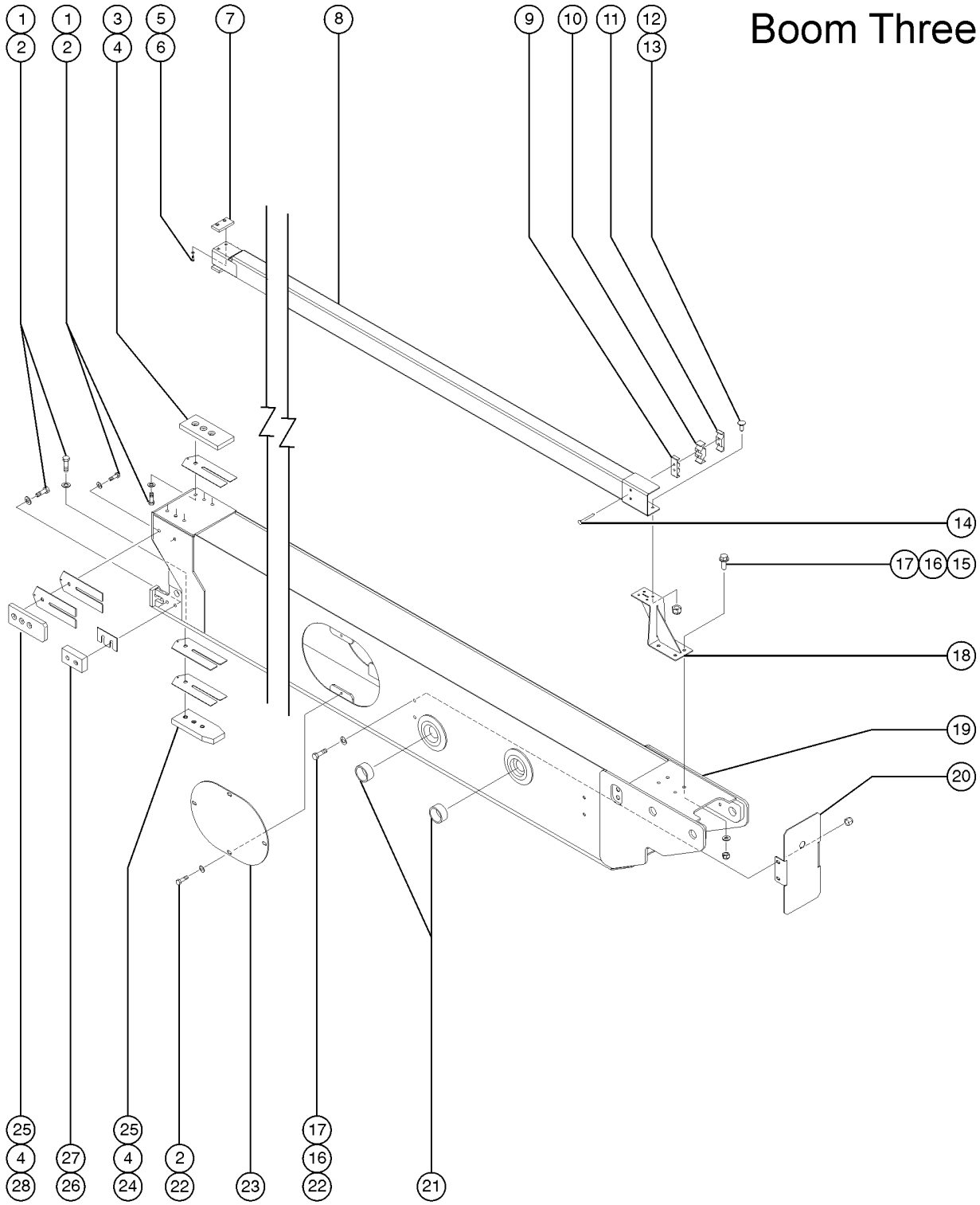
Item	Part No.	Description	Qty.
28	60239GT	WEAR PAD,7 X 3 X.625 W/INSERT	2

510.2 Boom Tube Three, S-120HD



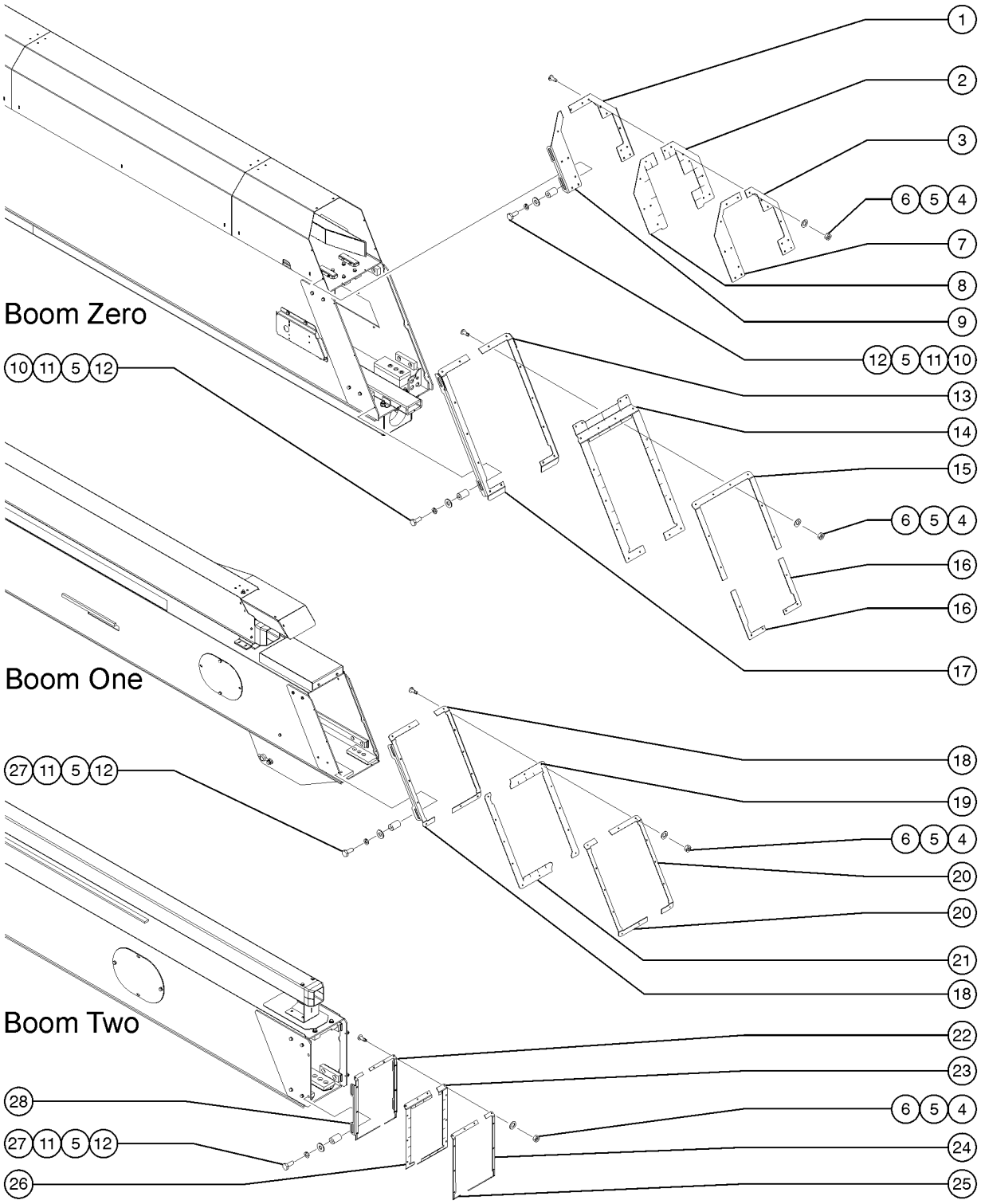
Item	Part No.	Description	Qty.
-	110277GT	FIRE SLEEVE, 2.0"	36
1	6175GT	SCREW,HHC,3/8-16 X 1	
2	6021GT	WASHER, LOCK, .375	
3	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
4	60840GT	SHIM,WEAR PAD,7 X 3,16GA	6
5	7339GT	SCREW,HHC,1/4-20 X .5	
6	6356GT	WASHER, LOCK, .25	
7	149336GT	WEAR PAD, PULL TUBE 3	2
8	149340GT	WELDMENT, PULL TUBE 3	1
9	149248GT	TUBE END CLAMP-1	1
10	149249GT	TUBE END CLAMP-2	1
11	149250GT	TUBE END CLAMP-3	1
12	87645GT	BOLT,CARRIAGE,1/4-20 X .63,G2	
13	6091GT	NUT, NYLOCK, 1/4-20	
14	96905GT	BOLT, CARRIAGE, 1/4-20 X 2.5, G2	
15	122201GT	SCREW,FLANGE,HHC,3/8-16X1.00	
16	6097GT	WASHER, FLAT, USS, 3/8", Y	
17	4828GT	NUT, NYLOCK, 3/8-16	
18	149371GT	FORMING, BELLOWS MOUNT	1
19	226117GT	BOOM TUBE ASSY #3 /W SYM DECAL	
20	60194GT	FORMING,TUBE GUARD	1
21	30370GT	BEARING,1.25IDX1.5ODX1.00L	4
22	8255GT	SCREW,HHC,3/8-16 X .75	
23	60177GT	COVER,BOOM SIDE***	2
24	50246GT	WEAR PAD,7 X 3 X.75 W/NUTS	2
25	60304GT	SHIM,WEAR PAD,7 X 3,12GA	4
26	61379GT	WEAR PAD,3.5 X 2 X .625 W/INST	2
27	61380GT	SHIM,SIDE WEAR PAD .059 THK.	2

510.2 Boom Tube Three, S-120HD



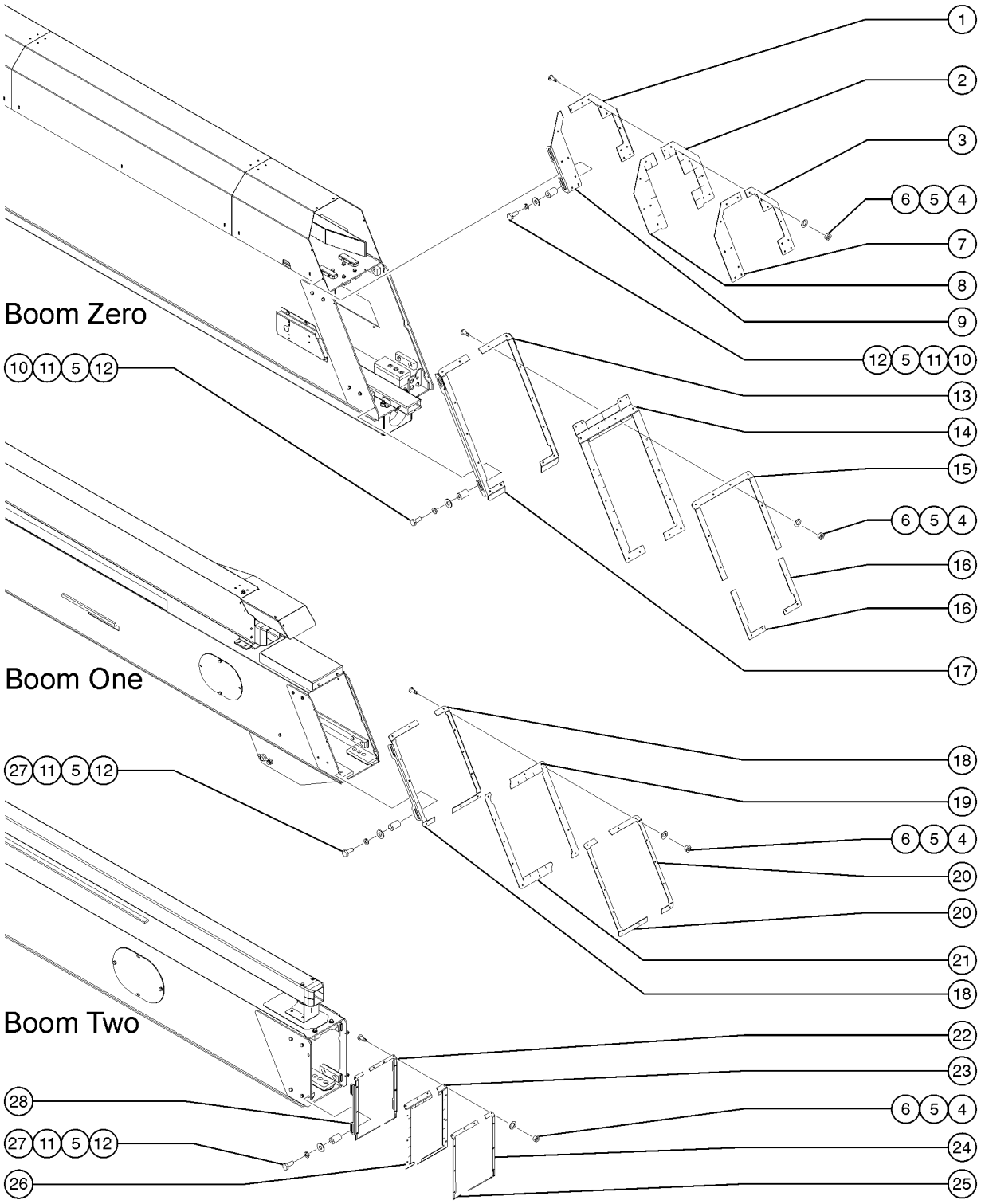
Item	Part No.	Description	Qty.
28	60239GT	WEAR PAD,7 X 3 X.625 W/INSERT	2

511.1 Boom Wipers Installation, S-100HD



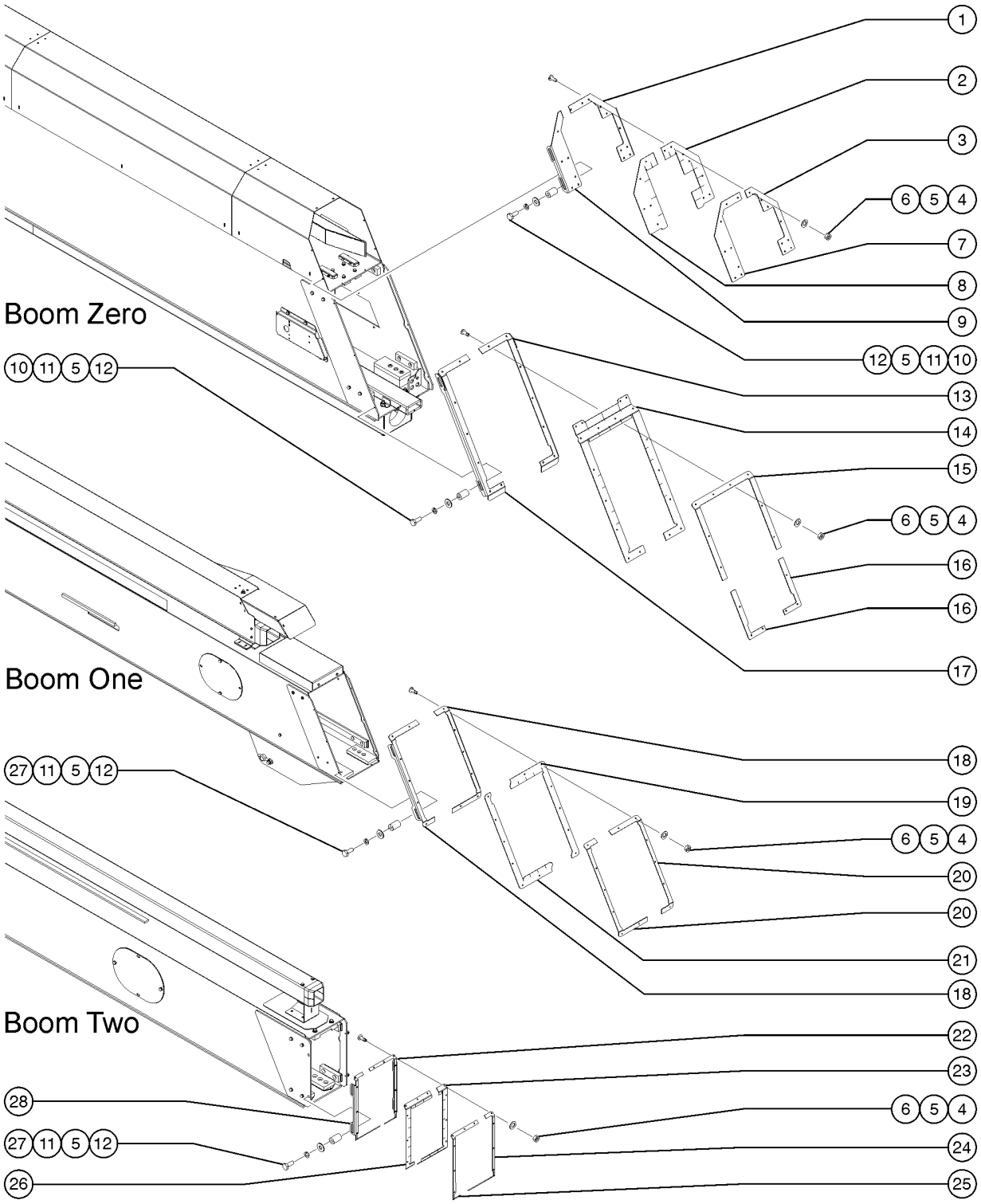
Item	Part No.	Description	Qty.
1	T113095GT	BRACKET,WIPER #0 COVER R	1
2	T113096GT	WIPER,RUBBER,SEC#0 COVER R	1
3	T113097GT	PLATE,CLAMP,WIPER #0 COVER R	1
4	6091GT	NUT, NYLOCK, 1/4-20	
5	6638GT	WASHER,FLAT, USS, 1/4"Y	
6	6878GT	BOLT, CARRIAGE, 1/4-20 X .75, G2	
7	T113094GT	PLATE,CLAMP,WIPER #0 COVER L	1
8	T113093GT	WIPER,RUBBER,SEC#0 COVER L	1
9	T113114GT	BRACKET,WIPER #0 COVER L	1
10	6145GT	SCREW, HHC, 1/4-20 X 1.5	
11	6356GT	WASHER, LOCK, .25	
12	T113112GT	SPACER,WIPER 1/2 X 3/4	16
13	T113092GT	BRACKET,WIPER #0 R	1
14	T113089GT	WIPER,RUBBER,SEC #0 to SN S380011D-130	1
14-	228218GT	WIPER,RUBBER,SEC#0,LEFT from SN S380011D-131	
14-	228219GT	WIPER,RUBBER,SEC#0,RIGHT from SN S380011D-131	
15	T113090GT	FORMING,CLAMP,WIPER @0 TOP to SN S380011D-130	1
15-	228216GT	FORMING,CLAMP,WIPER LEFT from SN S380011-D131	
15-	228217GT	FORMING,CLAMP,WIPER RIGHT from SN S380011D131v	
16	T113091GT	PLATE,CLAMP,WIPER #0 BOT	2
17	T113088GT	BRACKET,WIPER #0 L	1
18	T113098GT	BRACKET,WIPER #1	2
19	T113101GT	WIPER,RUBBER,SEC #1 BOT	1
20	T113100GT	FORMING,CLAMP,WIPER #1	2
21	T113099GT	WIPER,RUBBER,SEC#1 TOP	1
22	T113105GT	BRACKET,WIPER #2 R	1
23	T113106GT	WIPER,RUBBER,SEC #2 R	1
24	T113107GT	FORMING,CLAMP,WIPER #2 R	1

511.1 Boom Wipers Installation, S-100HD



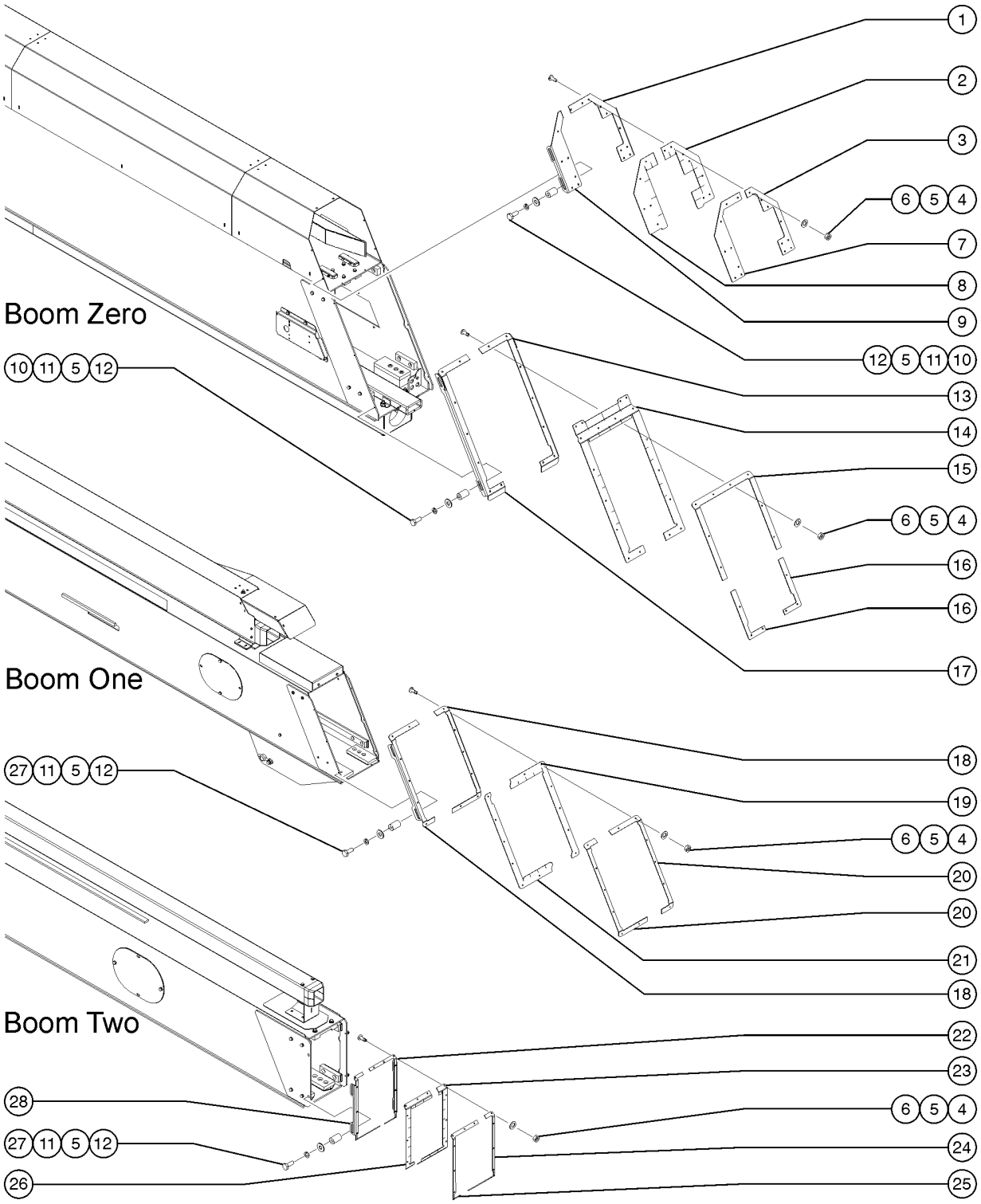
Item	*Part No.*	*Description*	*Qty.*
25	T113104GT	FORMING,CLAMP,WIPER #2 L	1
26	T113103GT	WIPER,RUBBER,SEC#2 L	1
27	8915GT	SCREW, HHC, 1/4-20 X 1.25	
28	T113102GT	BRACKET,WIPER #2L	1

511.2 Boom Wipers Installation, S-120HD



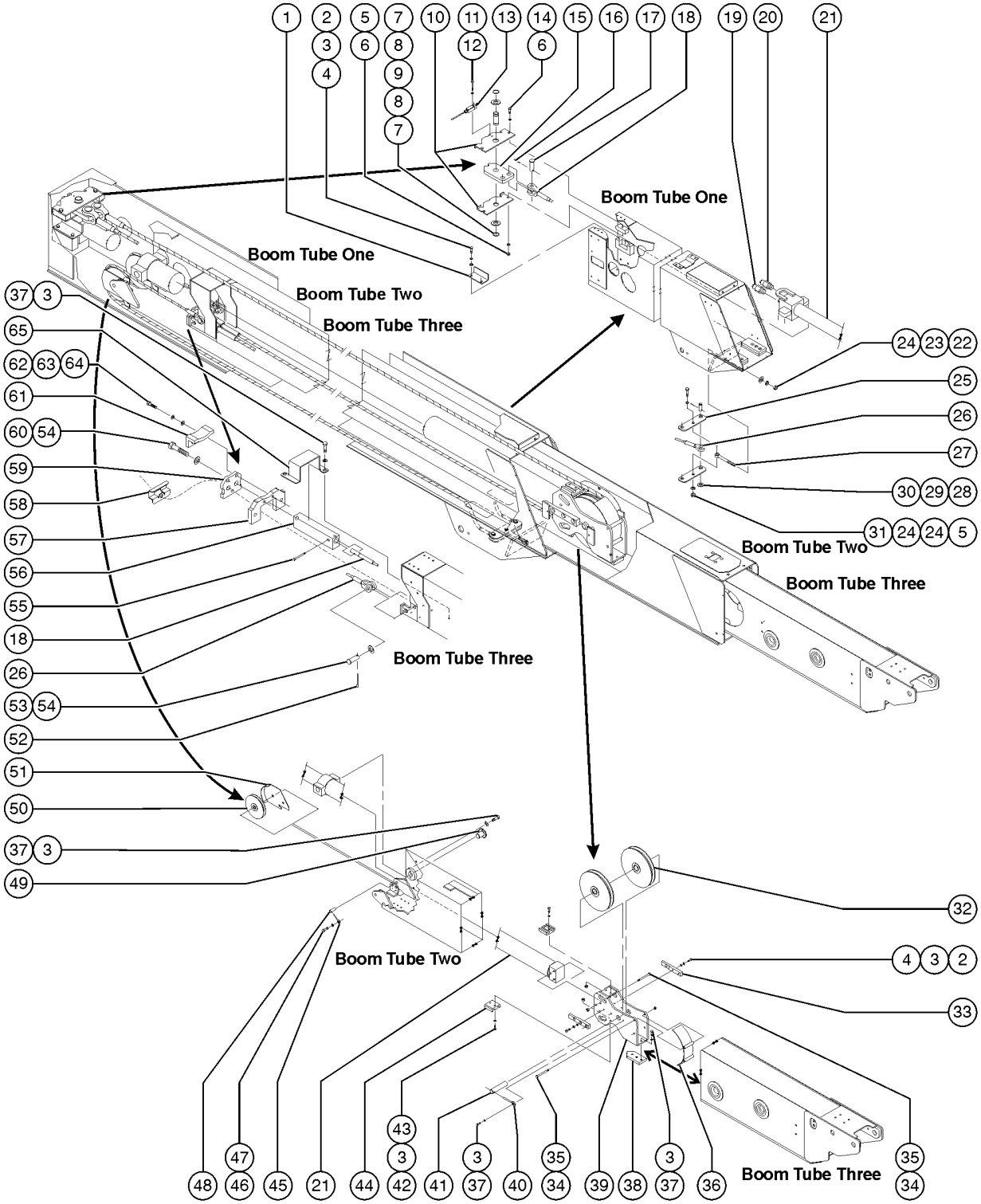
Item	Part No.	Description	Qty.
1	T113095GT	BRACKET,WIPER #0 COVER R	1
2	T113096GT	WIPER,RUBBER,SEC#0 COVER R	1
3	T113097GT	PLATE,CLAMP,WIPER #0 COVER R	1
4	6091GT	NUT, NYLOCK, 1/4-20	
5	6638GT	WASHER,FLAT, USS, 1/4"Y	
6	6878GT	BOLT, CARRIAGE, 1/4-20 X .75, G2	
7	T113094GT	PLATE,CLAMP,WIPER #0 COVER L	1
8	T113093GT	WIPER,RUBBER,SEC#0 COVER L	1
9	T113114GT	BRACKET,WIPER #0 COVER L	1
10	6145GT	SCREW, HHC, 1/4-20 X 1.5	
11	6356GT	WASHER, LOCK, .25	
12	T113112GT	SPACER,WIPER 1/2 X 3/4	16
13	T113092GT	BRACKET,WIPER #0 R	1
14	T113089GT	WIPER,RUBBER,SEC #0 to SN S380011D-130	1
14-	228218GT	WIPER,RUBBER,SEC#0,LEFT from SN S380011D-131	
14-	228219GT	WIPER,RUBBER,SEC#0,RIGHT from SN S380011D-131	
15	T113090GT	FORMING,CLAMP,WIPER @0 TOP to SN S380011D-130	1
15-	228216GT	FORMING,CLAMP,WIPER LEFT from SN S380011-D131	
15-	228217GT	FORMING,CLAMP,WIPER RIGHT from SN S380011D131v	
16	T113091GT	PLATE,CLAMP,WIPER #0 BOT	2
17	T113088GT	BRACKET,WIPER #0 L	1
18	T113098GT	BRACKET,WIPER #1	2
19	T113101GT	WIPER,RUBBER,SEC #1 BOT	1
20	T113100GT	FORMING,CLAMP,WIPER #1	2
21	T113099GT	WIPER,RUBBER,SEC#1 TOP	1
22	T113105GT	BRACKET,WIPER #2 R	1
23	T113106GT	WIPER,RUBBER,SEC #2 R	1
24	T113107GT	FORMING,CLAMP,WIPER #2 R	1

511.2 Boom Wipers Installation, S-120HD



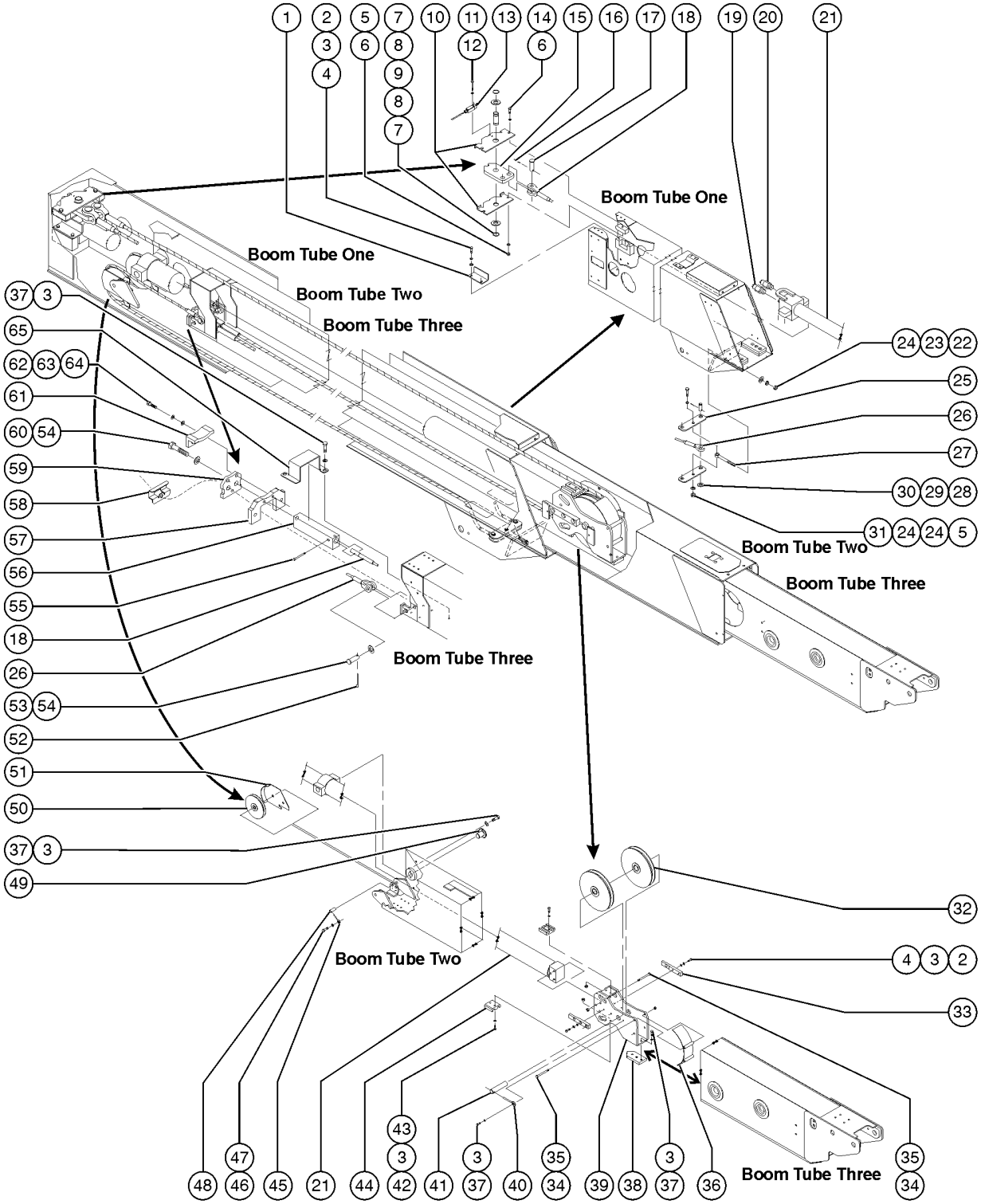
Item	*Part No.*	*Description*	*Qty.*
25	T113104GT	FORMING,CLAMP,WIPER #2 L	1
26	T113103GT	WIPER,RUBBER,SEC#2 L	1
27	8915GT	SCREW, HHC, 1/4-20 X 1.25	
28	T113102GT	BRACKET,WIPER #2L	1

512.1 Primary Extension Cylinder and Cables Installation, S-100HD



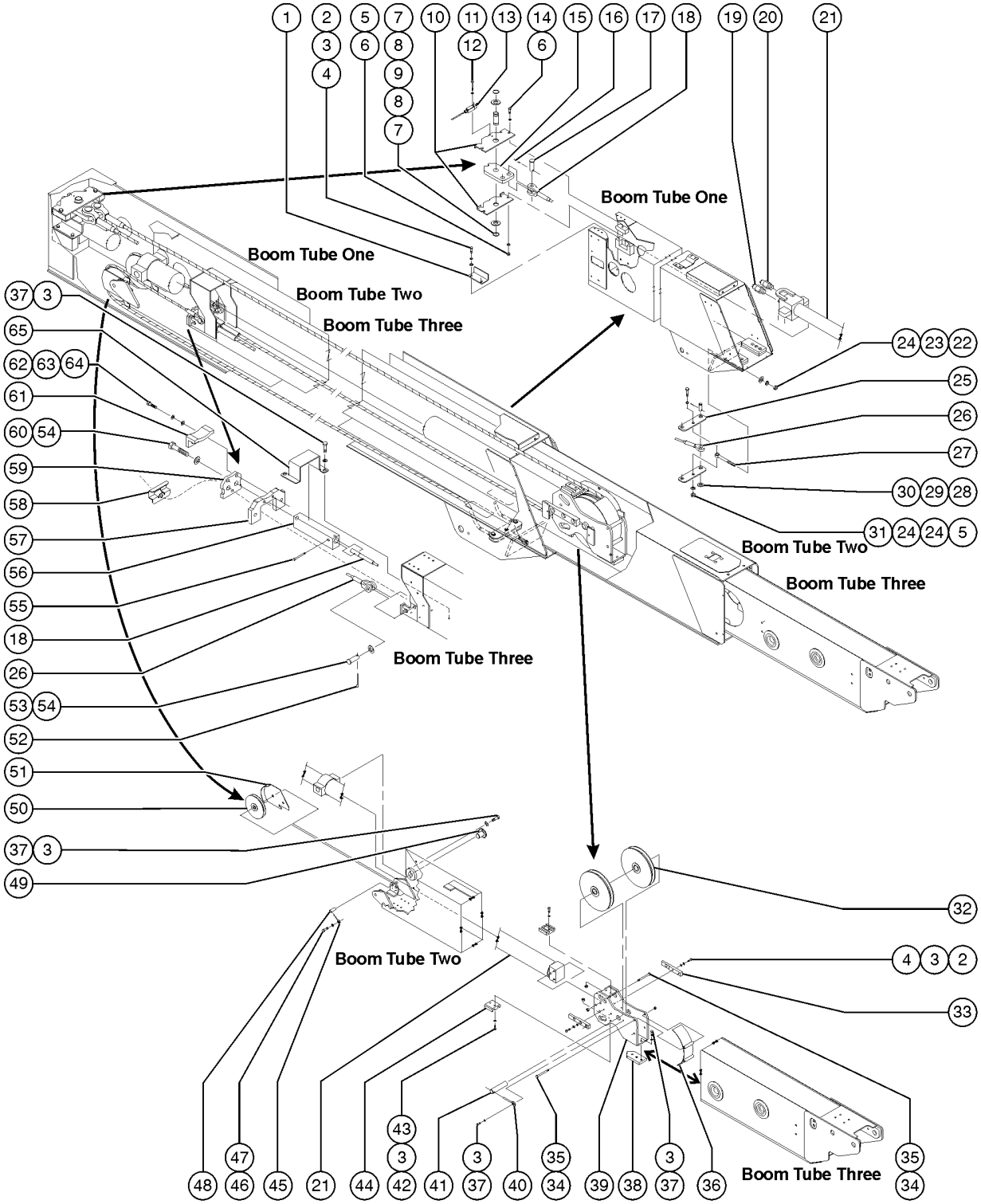
Item	Part No.	Description	Qty.
1	60335-SGT	FORMING,CYLINDER RETAINER	2
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021GT	WASHER, LOCK, .375	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	6198GT	NUT, NYLOCK, 1/2-13	
6	13066GT	WASHER,FLAT,.5 HARDENED	4
7	18383GT	SNAP RING,EXTERNAL,1.5 DIA	
8	18596GT	WASHER, FLAT, 1.56 X 2.5 X .061	
9	60179GT	PIN,1.50DIAX2.92LG,2RING	1
10	60181GT	PLATE,EXT.CABLE ANCHOR	2
11	49817GT	SCREW PHM 10-32 X 1.25	
12	6607GT	WASHER,LOCK,#10 PLTD	
13	75031GT	LIMIT SWITCH,SAFETY	1
14	39479GT	SCREW,HHC,1/2-13 X 2.75	
15	60340-SGT	PLATE,EXT.CABLE EQUALIZER MACH	1
15-	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	
16	75396GT	PIN,COTTER,.25 X3.18 EXT.CABLE	2
17	75397GT	PIN,CLEVIS,1.18X3.18 EXT.CABLE	2
18	232841GT	CABLE ASSEMBLY,EXTEND SET Contains two cables	1
18-	60171GT	EXTENSION CABLE *	
18-	60229GT	COUPLING,EXT.CABLE ADJUSTMENT*	
18-	10665GT	PIN,ROLL,.25 X 1.5***	
19	75762GT	VALVE,COUNTERBAL.CWEK-LIN @600	
19-	75424GT	SEAL KIT,SUN "CWEA" CB VALVES	
20	60331GT	VALVE,COUNTERBAL.CWCA-LIN@600*	1
20-	62449GT	SEAL KIT,SUN "CWCA" CB VALVES*	
21	50100GT	CYLINDER,PRIMARY EXTEND	1
21-	60332GT	SEAL KIT CYL.S100/120 (50100)	

512.1 Primary Extension Cylinder and Cables Installation, S-100HD



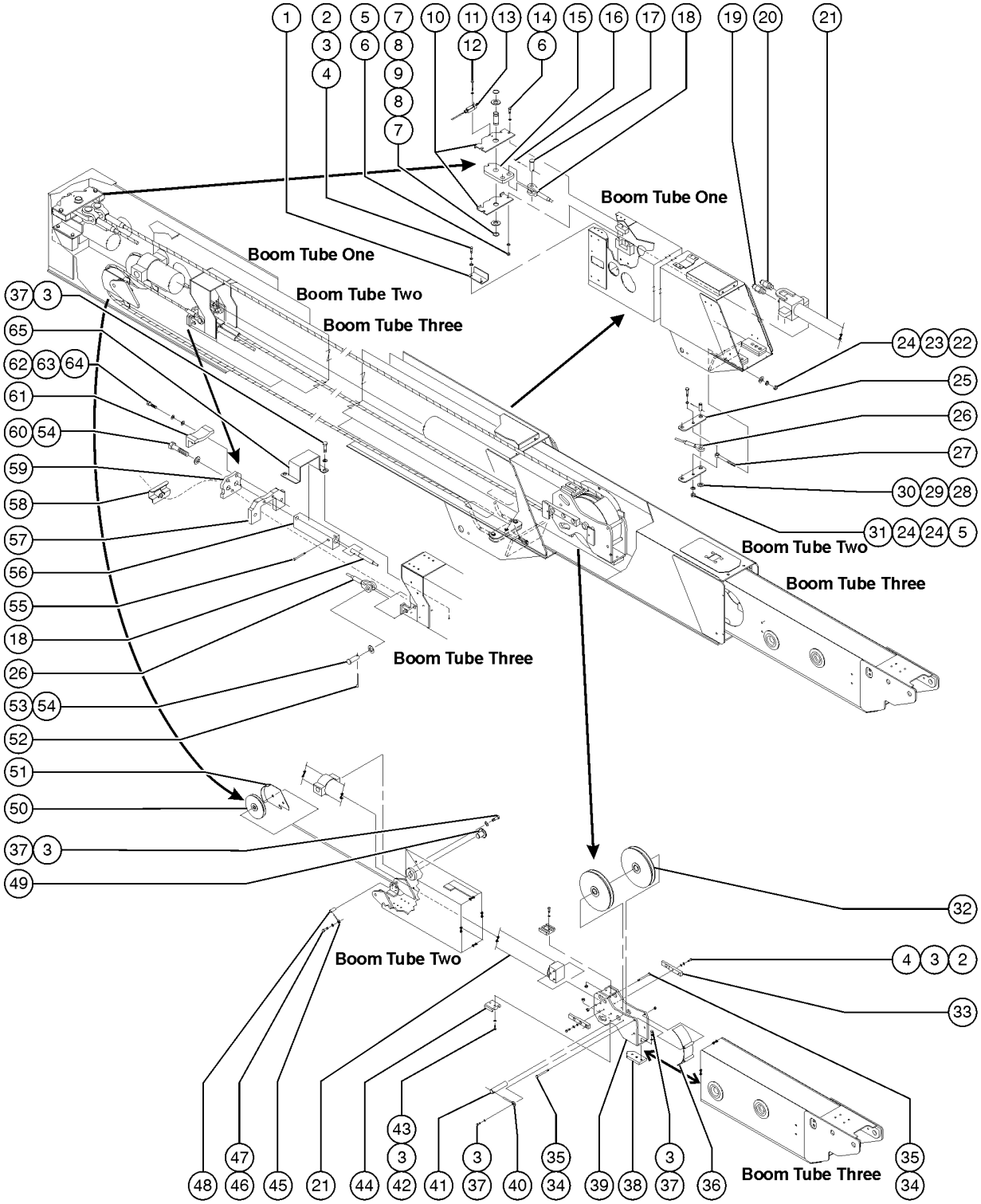
Item	Part No.	Description	Qty.
22	38028GT	NUT,LP NYLOCK,5/8-11	
23	45076GT	NUT,HEX,JAM,5/8-11	
24	13064GT	WASHER, FLAT, .625 HARDENED	1
25	60163GT	PLATE,RETRACT CABLE EQUALIZER	2
26	232842GT	CABLE ASSEMBLY,RETRACT SET Contains two cables	1
27	60164GT	ROD END,RETRACTION CABLE	1
28	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	
29	60697GT	PIN,RETRACTION CABLE	2
30	33247GT	PIN,COTTER,.188 X 1.75 LONG	2
31	61384GT	SCREW,SHS,1/2-13 X 1.50	
32	50247GT	SHEAVE,EXTENSION CABLE	2
32-	60422GT	Bearing, 1.5 x 2 x 1.81 inches	
33	60240GT	WEAR PAD,SHEAVE MOUNT	2
34	61385GT	SCREW,HHC,1/2-13 X 5.25	
35	6086GT	NUT,LP NYLOCK,1/2-13	
36	60215GT	WELDMENT,CABLE RETAINER	1
37	6175GT	SCREW,HHC,3/8-16 X 1	
38	60216GT	WEAR PAD,EXT.CABLE SHEAVE	1
39	60346GT	SHEAVE MOUNT,EXT. CABLE MACHIN	1
40	825019GT	ROD END,.375 X 3.69,ZAG	1
41	60205GT	PIN,1.50DIAX5.88LG,1HOLE	1
42	5224GT	SCREW,HHC,3/8-16 X 2	
43	4828GT	NUT, NYLOCK, 3/8-16	
44	60208GT	WEAR PAD,EXT.CABLE	2
45	825020GT	ROD END, .25 X 2.75, ZAG	2
46	6090GT	SCREW, HHC, 1/4-20 X .75	
47	6356GT	WASHER, LOCK, .25	
48	60358GT	PIN,.75DIAX2.89LG,1HOLE	2

512.1 Primary Extension Cylinder and Cables Installation, S-100HD



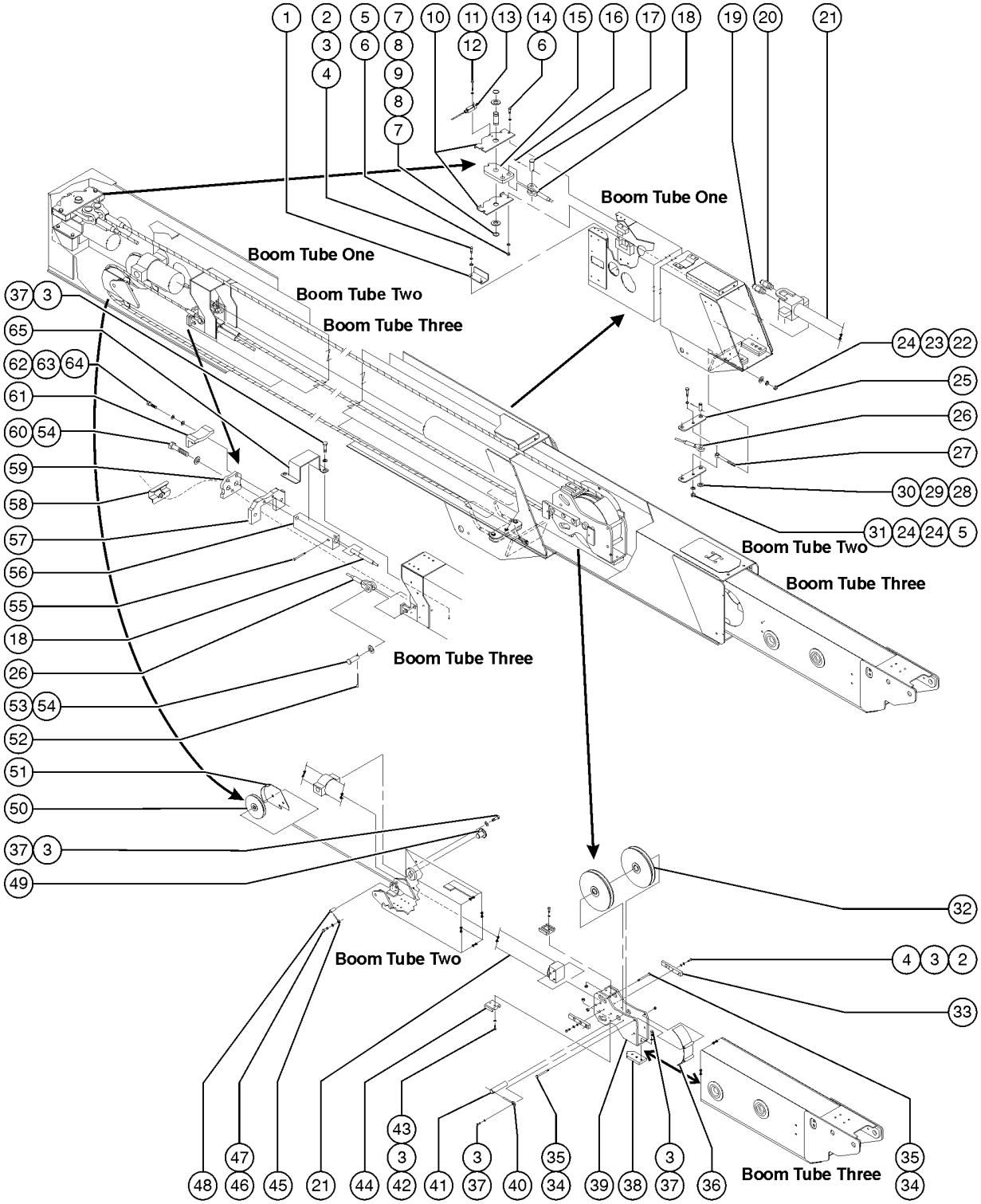
Item	*Part No.*	*Description*	*Qty.*
49	60192GT	PIN,EXTENSION CYLINDER MOUNT	2
50	50243GT	SHEAVE,RETRACT CABLE	2
51	122015GT	WLDMNT,RET.CABLE SHEAV.GARD.RH	1
51-	122016GT	WLDMNT,RET.CABLE SHEAV.GARD.LH	1
52	75355GT	PIN,COTTER,.188X2.25 RET.CABLE	2
53	75356GT	PIN,CLEVIS,.844X2.25 RET.CABLE	2
54	33278GT	WASHER, FLAT, .75 HARDENED	
55	10665GT	PIN,ROLL,.25 X 1.5***	2
56	60229GT	COUPLING,EXT.CABLE ADJUSTMENT*	2
57	60343-SGT	PLATE,EXT.CABLE ,PAINTED	1
58	60231GT	EXT.CABLE ADJ BOLT LOCK	1
59	60356-SGT	PLATE,EXT.CABLE ATTACH.MACHINE	1
60	111149GT	SCREW,HHC,3/4-10X6,GR5,FULL TH	2
61	111523GT	WEAR PAD, BOOM REST	
62	39479GT	SCREW,HHC,1/2-13 X 2.75	
63	6033GT	WASHER,LOCK,0.5"	
64	13066GT	WASHER,FLAT,.5 HARDENED	2
65	75049PGT	FORMING,CABLE RETAINER,PAINTED	1

512.2 Primary Extension Cylinder and Cables Installation, S-120HD



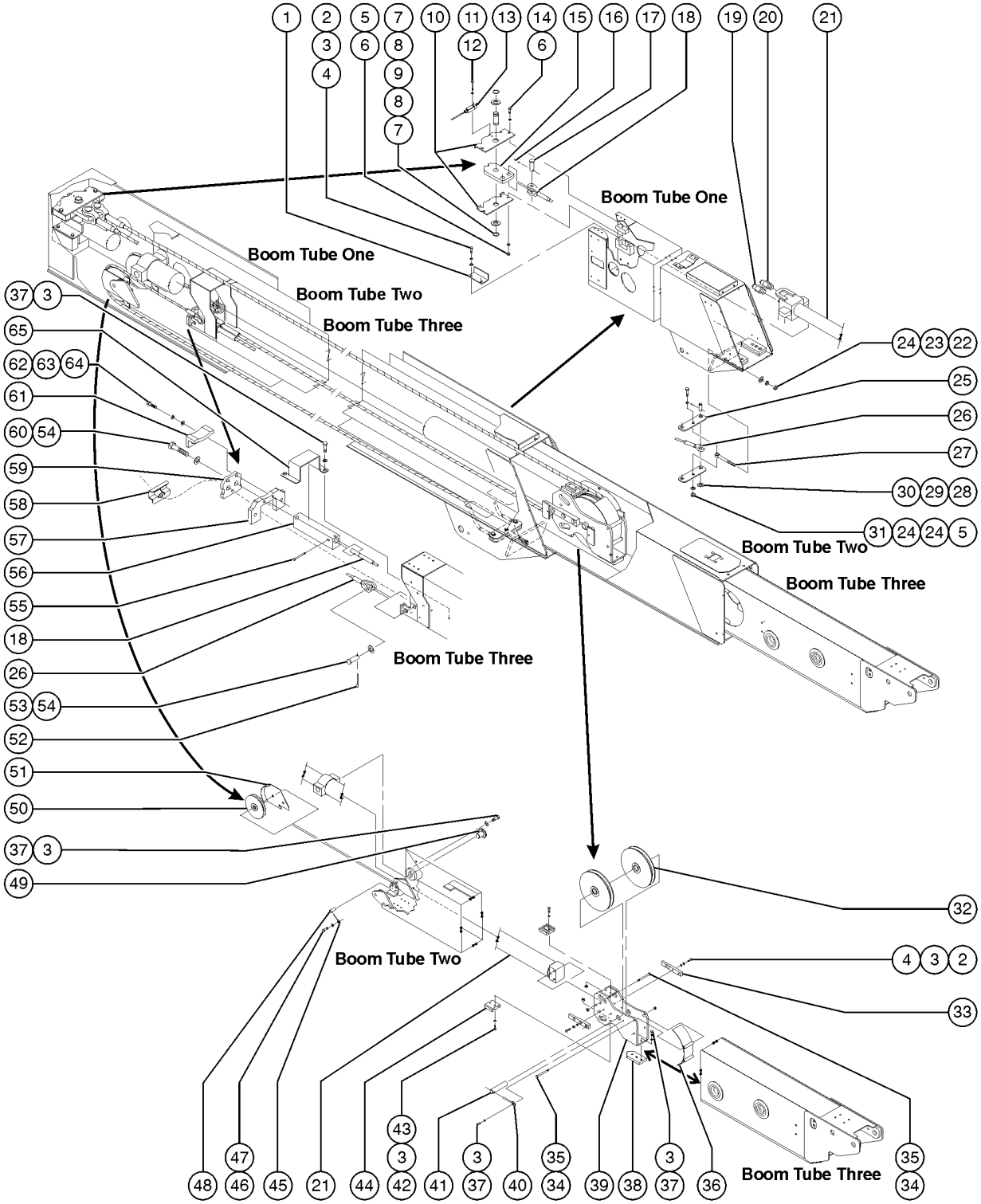
Item	Part No.	Description	Qty.
1	60335-SGT	FORMING,CYLINDER RETAINER	2
2	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	6021GT	WASHER, LOCK, .375	
4	6097GT	WASHER, FLAT, USS, 3/8", Y	
5	6198GT	NUT, NYLOCK, 1/2-13	
6	13066GT	WASHER,FLAT,.5 HARDENED	4
7	18383GT	SNAP RING,EXTERNAL,1.5 DIA	
8	18596GT	WASHER, FLAT, 1.56 X 2.5 X .061	
9	60179GT	PIN,1.50DIAX2.92LG,2RING	1
10	60181GT	PLATE,EXT.CABLE ANCHOR	2
11	49817GT	SCREW PHM 10-32 X 1.25	
12	6607GT	WASHER,LOCK,#10 PLTD	
13	75031GT	LIMIT SWITCH,SAFETY	1
14	39479GT	SCREW,HHC,1/2-13 X 2.75	
15	60340-SGT	PLATE,EXT.CABLE EQUALIZER MACH	1
15-	54156GT	BEARING,FL,1.5IDX1.75ODX1.10LG	
16	75396GT	PIN,COTTER,.25 X3.18 EXT.CABLE	2
17	75397GT	PIN,CLEVIS,1.18X3.18 EXT.CABLE	2
18	232841GT	CABLE ASSEMBLY,EXTEND SET Contains two cables	1
18-	60171GT	EXTENSION CABLE *	
18-	60229GT	COUPLING,EXT.CABLE ADJUSTMENT*	
18-	10665GT	PIN,ROLL,.25 X 1.5***	
19	75762GT	VALVE,COUNTERBAL.CWEK-LIN @600	
19-	75424GT	SEAL KIT,SUN "CWEA" CB VALVES	
20	60331GT	VALVE,COUNTERBAL.CWCA-LIN@600*	1
20-	62449GT	SEAL KIT,SUN "CWCA" CB VALVES*	
21	50100GT	CYLINDER,PRIMARY EXTEND	1
21-	60332GT	SEAL KIT CYL.S100/120 (50100)	

512.2 Primary Extension Cylinder and Cables Installation, S-120HD



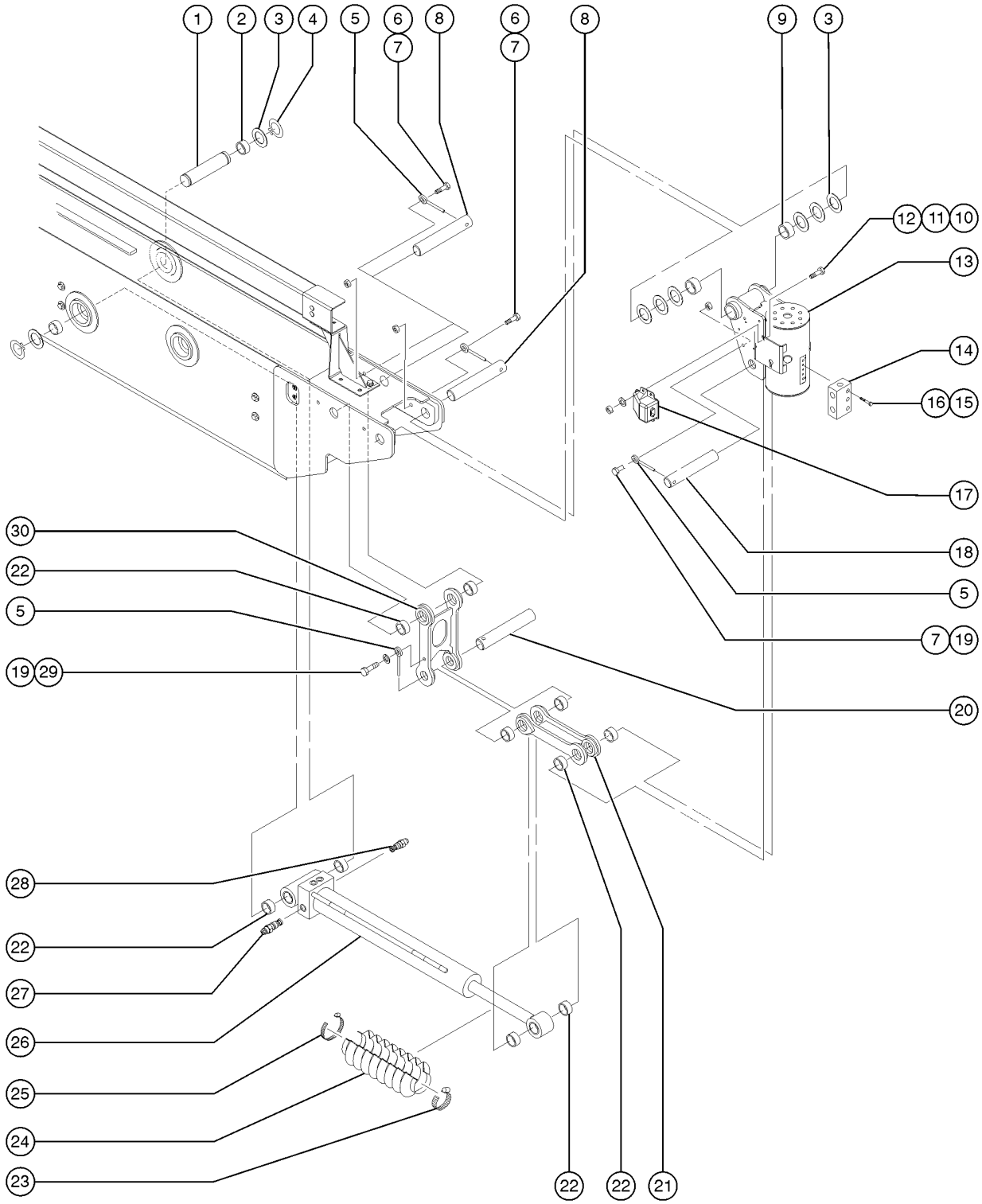
Item	Part No.	Description	Qty.
22	38028GT	NUT,LP NYLOCK,5/8-11	
23	45076GT	NUT,HEX,JAM,5/8-11	
24	13064GT	WASHER, FLAT, .625 HARDENED	1
25	60163GT	PLATE,RETRACT CABLE EQUALIZER	2
26	232842GT	CABLE ASSEMBLY,RETRACT SET Contains two cables	1
27	60164GT	ROD END,RETRACTION CABLE	1
28	30748GT	WASHER,SHIM,1.01 X 1.63 X.062	
29	60697GT	PIN,RETRACTION CABLE	2
30	33247GT	PIN,COTTER,.188 X 1.75 LONG	2
31	61384GT	SCREW,SHS,1/2-13 X 1.50	
32	50247GT	SHEAVE,EXTENSION CABLE	2
32-	60422GT	Bearing, 1.5 x 2 x 1.81 inches	
33	60240GT	WEAR PAD,SHEAVE MOUNT	2
34	61385GT	SCREW,HHC,1/2-13 X 5.25	
35	6086GT	NUT,LP NYLOCK,1/2-13	
36	60215GT	WELDMENT,CABLE RETAINER	1
37	6175GT	SCREW,HHC,3/8-16 X 1	
38	60216GT	WEAR PAD,EXT.CABLE SHEAVE	1
39	60346GT	SHEAVE MOUNT,EXT. CABLE MACHIN	1
40	825019GT	ROD END,.375 X 3.69,ZAG	1
41	60205GT	PIN,1.50DIAX5.88LG,1HOLE	1
42	5224GT	SCREW,HHC,3/8-16 X 2	
43	4828GT	NUT, NYLOCK, 3/8-16	
44	60208GT	WEAR PAD,EXT.CABLE	2
45	825020GT	ROD END, .25 X 2.75, ZAG	2
46	6090GT	SCREW, HHC, 1/4-20 X .75	
47	6356GT	WASHER, LOCK, .25	
48	60358GT	PIN,.75DIAX2.89LG,1HOLE	2

512.2 Primary Extension Cylinder and Cables Installation, S-120HD



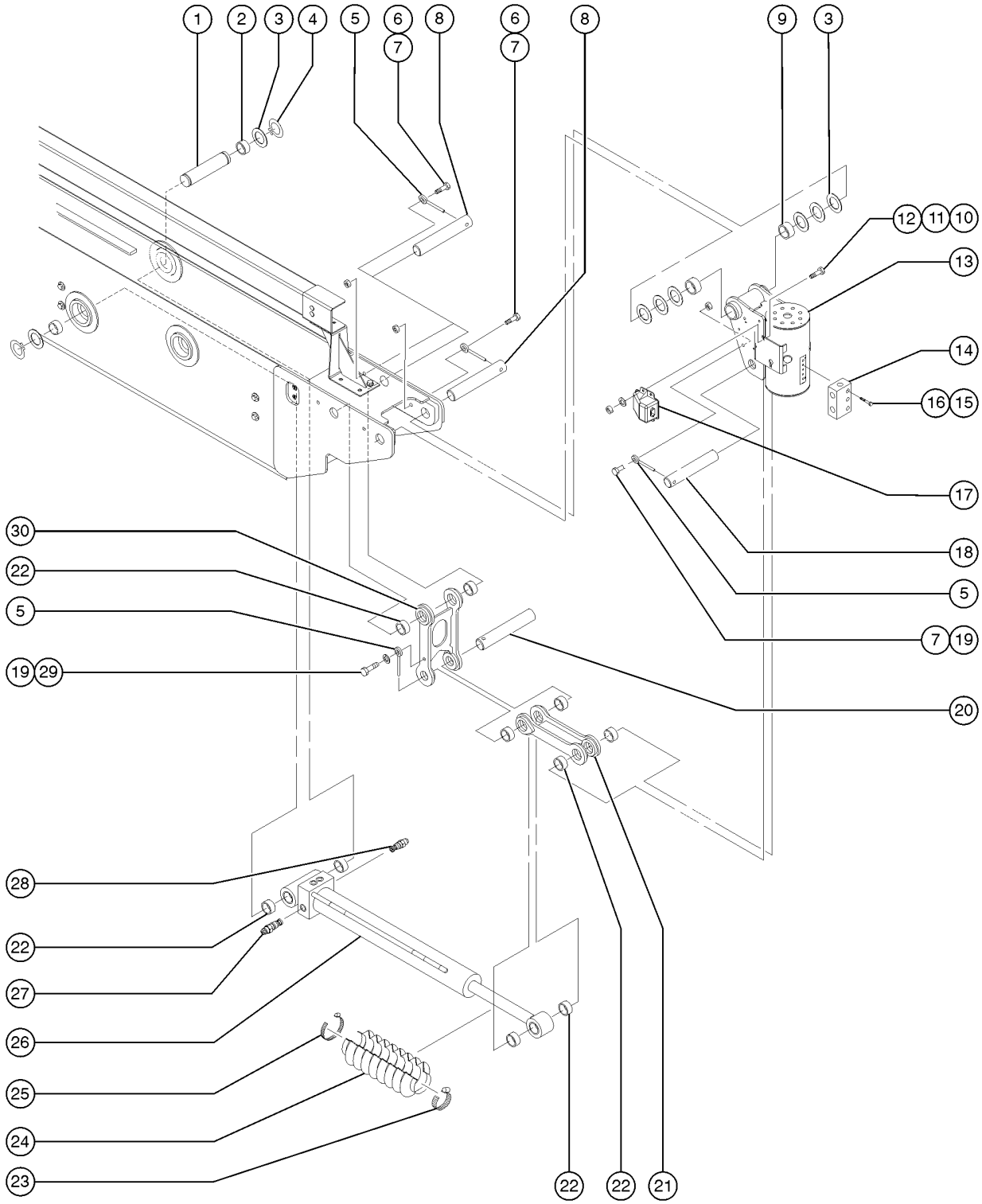
Item	*Part No.*	*Description*	*Qty.*
49	60192GT	PIN,EXTENSION CYLINDER MOUNT	2
50	50243GT	SHEAVE,RETRACT CABLE	2
51	122015GT	WLDMNT,RET.CABLE SHEAV.GARD.RH	1
51-	122016GT	WLDMNT,RET.CABLE SHEAV.GARD.LH	1
52	75355GT	PIN,COTTER,.188X2.25 RET.CABLE	2
53	75356GT	PIN,CLEVIS,.844X2.25 RET.CABLE	2
54	33278GT	WASHER, FLAT, .75 HARDENED	
55	10665GT	PIN,ROLL,.25 X 1.5***	2
56	60229GT	COUPLING,EXT.CABLE ADJUSTMENT*	2
57	60343-SGT	PLATE,EXT.CABLE ,PAINTED	1
58	60231GT	EXT.CABLE ADJ BOLT LOCK	1
59	60356-SGT	PLATE,EXT.CABLE ATTACH.MACHINE	1
60	111149GT	SCREW,HHC,3/4-10X6,GR5,FULL TH	2
61	111523GT	WEAR PAD, BOOM REST	
62	39479GT	SCREW,HHC,1/2-13 X 2.75	
63	6033GT	WASHER,LOCK,0.5"	
64	13066GT	WASHER,FLAT,.5 HARDENED	2
65	75049PGT	FORMING,CABLE RETAINER,PAINTED	1

513.1 Platform Rotator, S-100HD



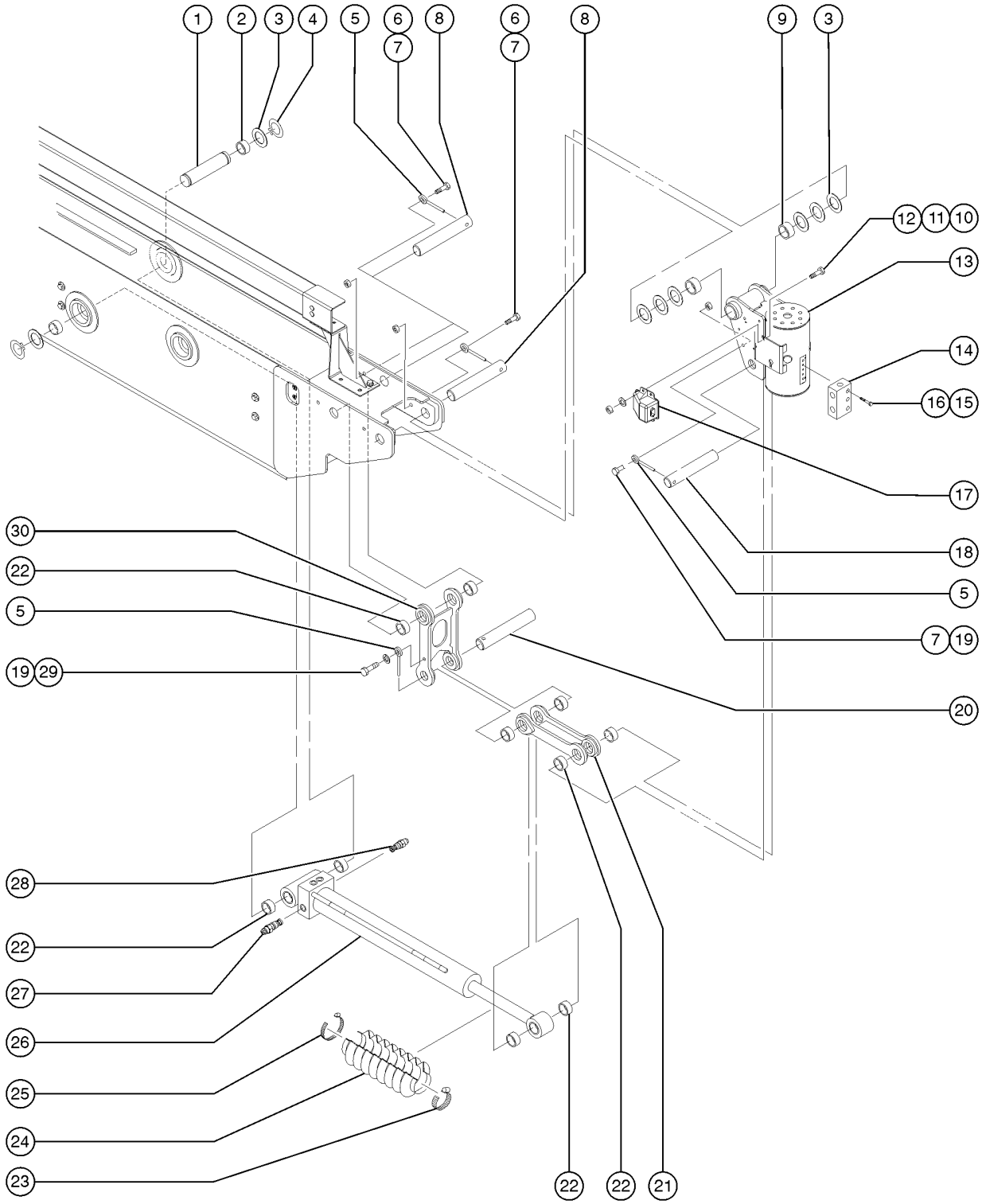
Item	Part No.	Description	Qty.
1	146073GT	PIN,1.25DIAX7.9LG,2RING	1
2	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	2
5	825019GT	ROD END,.375 X 3.69,ZAG	
6	8516GT	SCREW, HCC, 3/8-16 X 1.50	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	2
9	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
10	6878GT	BOLT, CARRIAGE, 1/4-20 X .75, G2	
11	6638GT	WASHER,FLAT, USS, 1/4"Y	
12	6091GT	NUT, NYLOCK, 1/4-20	
13	107548GT	ROTATOR,PLAT,NON-JIB*** includes item 9	1
13-	147370GT	SEAL KIT,15K ROTATOR	
13-	88516GT	SCREW,BLEEDER,M5X0.8	
14		Ref. Platform Rotate Manifold (refer to 706.1)	1
15	6145GT	SCREW, HHC, 1/4-20 X 1.5	
16	6356GT	WASHER, LOCK, .25	
17	1274116GT	ASSY,TILT SENSOR,PCON,S100-125	1
17-	50813GT	SENSOR,TILT,PCON (PLASTIC)****	
17-	1274045GT	HARNESS, JUMPER, SB PLAT LVL	
18	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
20	50212GT	PIN,1.25DIAX6.50LG,1HOLE	1
21	75105-SGT	PLATFORM,LEVELING LINK ASSY includes item 22	1
22	47377GT	BEARING,1.25 ID X 1.5 OD X .75	10
23	22672GT	CLAMP,HOSE,1.75	1
24	60628GT	COVER,PROTECTIVE,PLAT.LEVELING	1

513.1 Platform Rotator, S-100HD



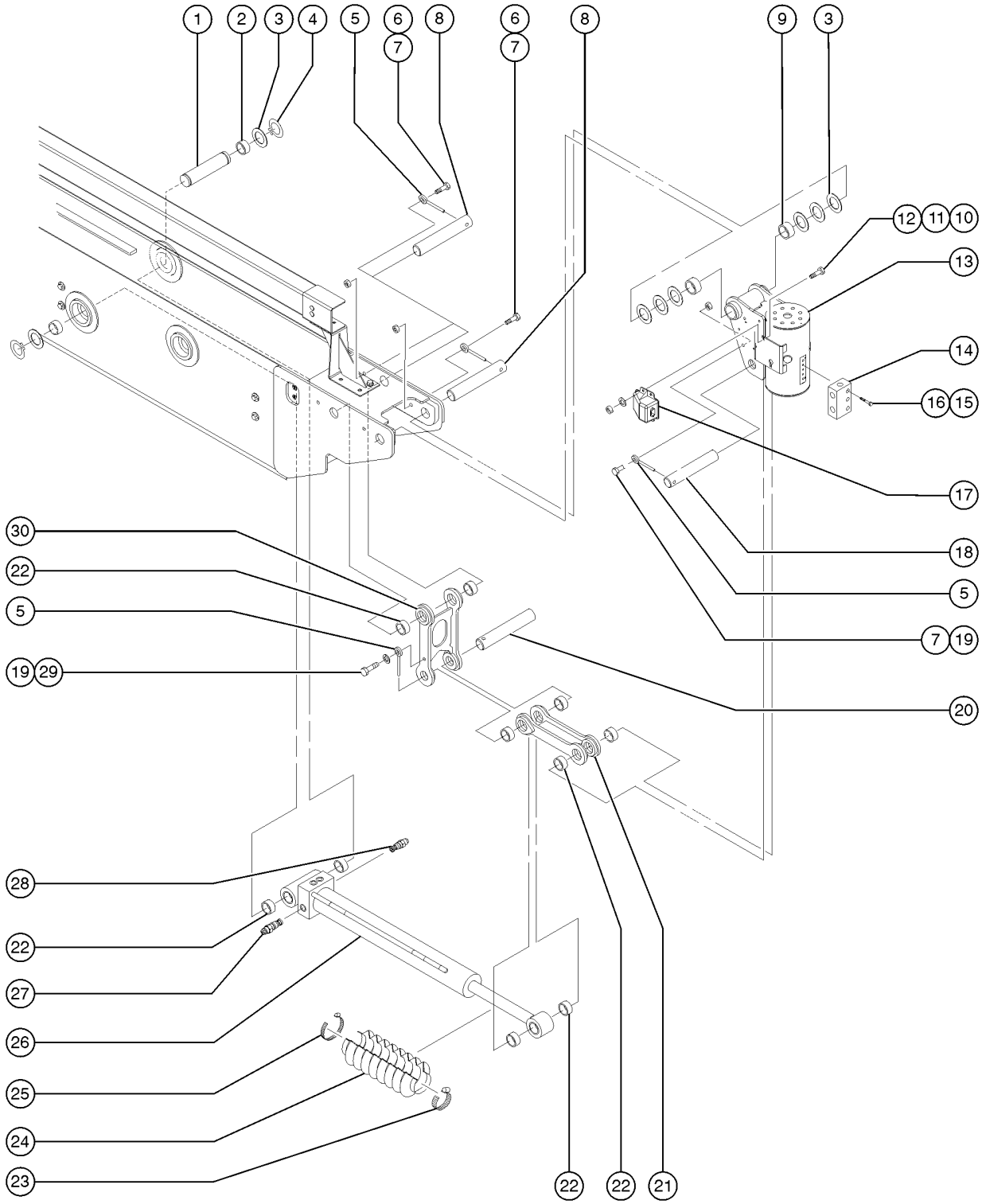
Item	Part No.	Description	Qty.
25	30489GT	CLAMP, HOSE, 3.50"	1
26	50207GT	CYLINDER,PLATFORM LEVELING includes items 27 and 28	1
26-	65795GT	SEAL KIT,CYL,S100/120 (50207)	
27	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** (extend)	1
27-	43018GT	SEAL KIT (39345)	
28	75061GT	VALVE,COUNTERBAL.CBBB-LHN@2000 (retract)	1
28-	43018GT	SEAL KIT (39345)	
29	6021GT	WASHER, LOCK, .375	
30	75106-SGT	PLATFORM,LEVELING LEVER,ASSY includes item 22	1

513.2 Platform Rotator, S-120HD



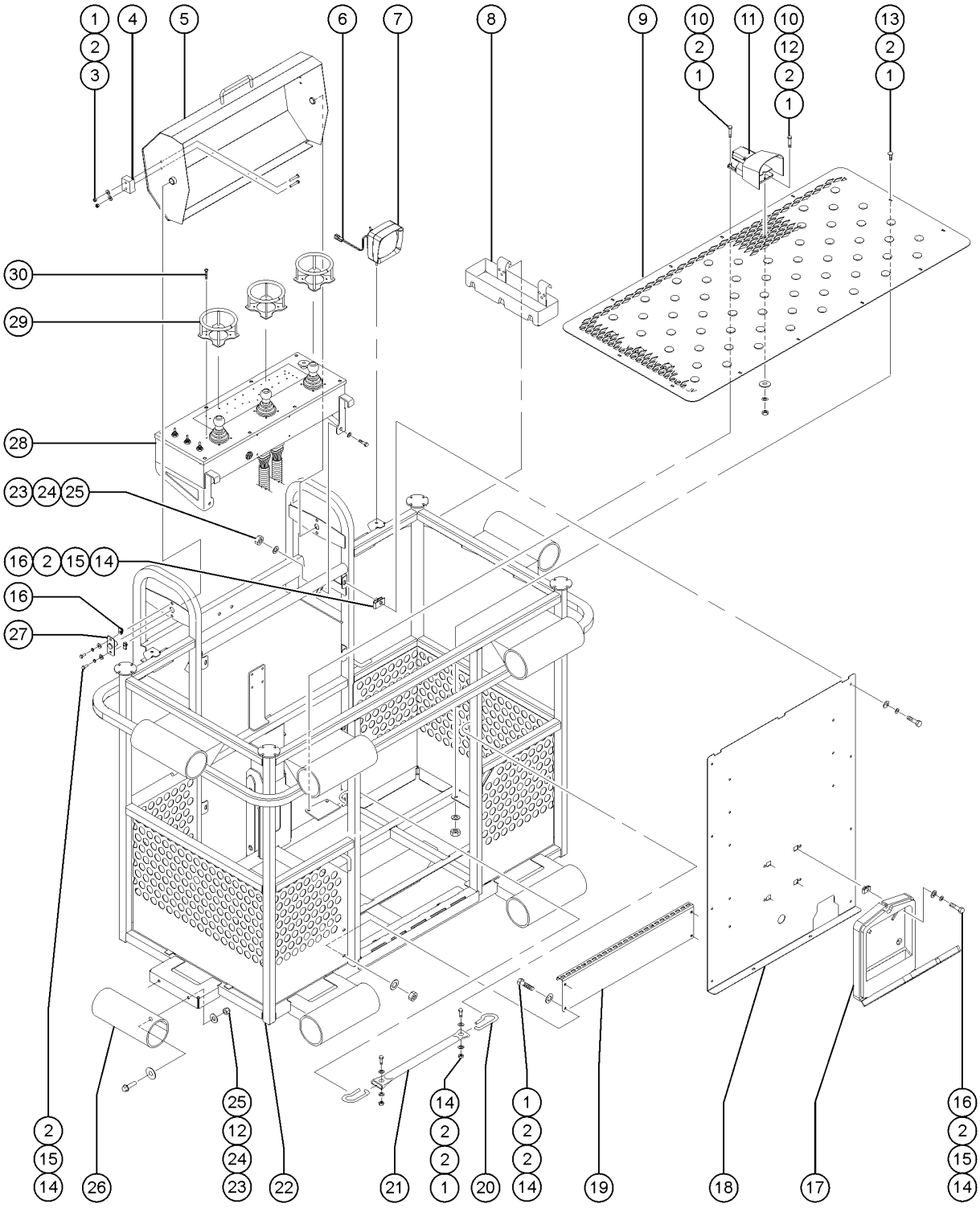
Item	Part No.	Description	Qty.
1	146073GT	PIN,1.25DIAX7.9LG,2RING	1
2	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
3	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
4	30217GT	SNAP RING,EXTERNAL,1.25 DIA.**	2
5	825019GT	ROD END,.375 X 3.69,ZAG	
6	8516GT	SCREW, HCC, 3/8-16 X 1.50	
7	4828GT	NUT, NYLOCK, 3/8-16	
8	T108078GT	PIN,1.25DIAX9.50LG,1HOLE	2
9	30370GT	BEARING,1.25IDX1.5ODX1.00L	2
10	6878GT	BOLT, CARRIAGE, 1/4-20 X .75, G2	
11	6638GT	WASHER,FLAT, USS, 1/4"Y	
12	6091GT	NUT, NYLOCK, 1/4-20	
13	107548GT	ROTATOR,PLAT,NON-JIB*** includes item 9	1
13-	147370GT	SEAL KIT,15K ROTATOR	
13-	88516GT	SCREW,BLEEDER,M5X0.8	
14		Ref. Platform Rotate Manifold (refer to 706.1)	1
15	6145GT	SCREW, HHC, 1/4-20 X 1.5	
16	6356GT	WASHER, LOCK, .25	
17	1274116GT	ASSY,TILT SENSOR,PCON,S100-125	1
17-	50813GT	SENSOR,TILT,PCON (PLASTIC)****	
17-	1274045GT	HARNESS, JUMPER, SB PLAT LVL	
18	T108075GT	PIN,1.25DIAX5.25LG,1HOLE	1
19	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
20	50212GT	PIN,1.25DIAX6.50LG,1HOLE	1
21	75105-SGT	PLATFORM,LEVELING LINK ASSY includes item 22	1
22	47377GT	BEARING,1.25 ID X 1.5 OD X .75	10
23	22672GT	CLAMP,HOSE,1.75	1
24	60628GT	COVER,PROTECTIVE,PLAT.LEVELING	1

513.2 Platform Rotator, S-120HD



Item	Part No.	Description	Qty.
25	30489GT	CLAMP, HOSE, 3.50"	1
26	50207GT	CYLINDER,PLATFORM LEVELING includes items 27 and 28	1
26-	65795GT	SEAL KIT,CYL,S100/120 (50207)	
27	31106GT	VALVE,CNTERBAL,CBBB-LHN@3000** (extend)	1
27-	43018GT	SEAL KIT (39345)	
28	75061GT	VALVE,COUNTERBAL.CBBB-LHN@2000 (retract)	1
28-	43018GT	SEAL KIT (39345)	
29	6021GT	WASHER, LOCK, .375	
30	75106-SGT	PLATFORM,LEVELING LEVER,ASSY includes item 22	1

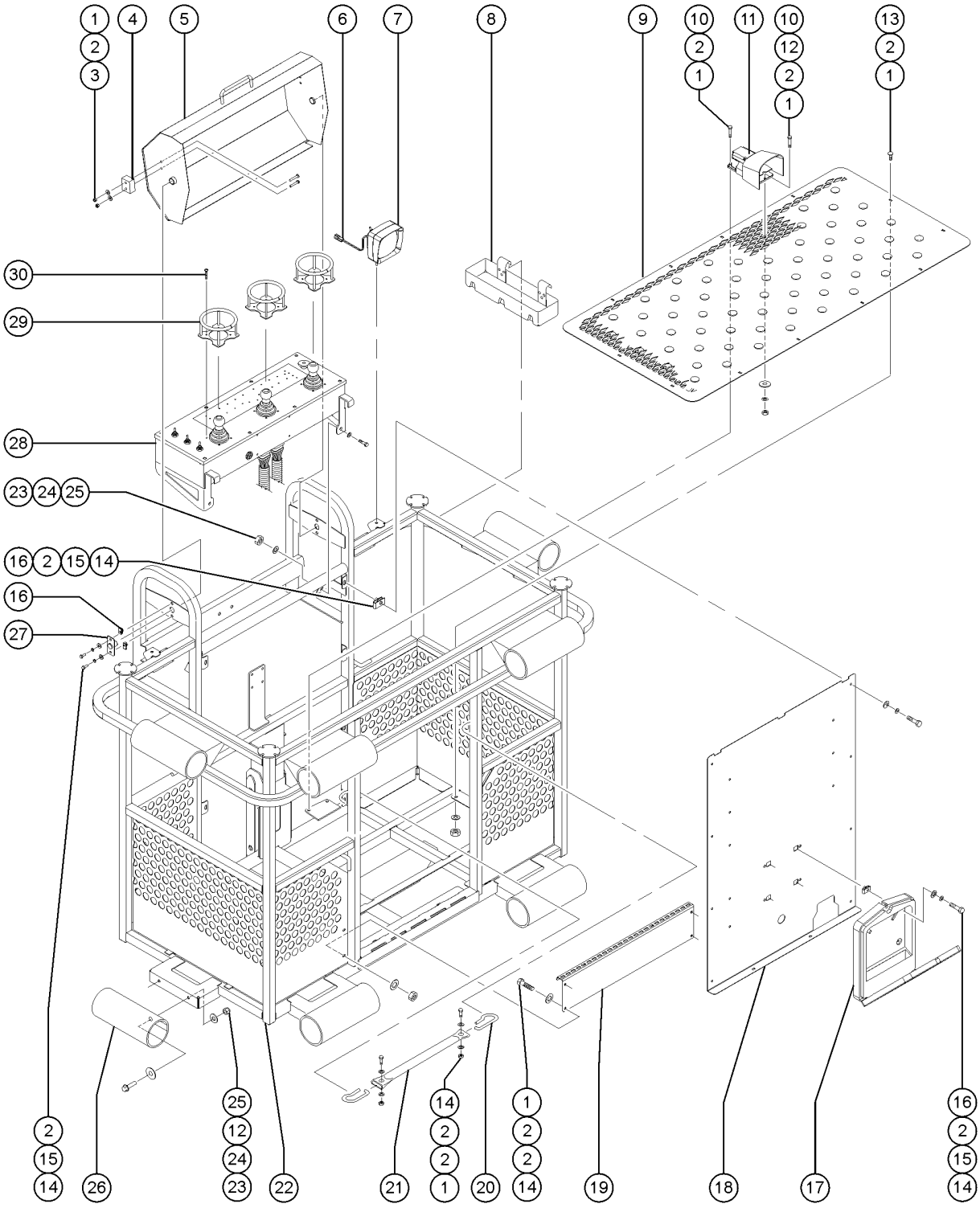
601.1 Platform Installation - View 1, S-100HD



601.1 Platform Installation - View 1, S-100HD

Item	Part No.	Description	Qty.
-	226122GT	PLATFORM ASSEMBLY W/ DECALS includes items 1-5 and 9 - 27	
1	6091GT	NUT, NYLOCK, 1/4-20	
2	6638GT	WASHER,FLAT, USS, 1/4"Y	
3	6145GT	SCREW, HHC, 1/4-20 X 1.5	
4	149121GT	BLOCK,PLATFORM LID STOP	2
5	226118GT	CONTROL BOX LID /W SYM DECAL	1
6		Ref. Wire Harness Assembly (refer to 310.1 or 311.1)	
7	71498GT	WORKLIGHT, 12V, DEUTSCH RECEPT (option) includes mounting fasteners	2
8	9599-SGT	TOOL TRAY ACCESSORY*** (option)	
9	T106932GT	FLOORING, SY 5 FT PLATFORM	1
10	6888GT	SCREW, HHC, 1/4-20 X 1	
11	T107004GT	FOOT SWITCH ASSY, HEAVY DUTY	1
11-	T106698GT	FOOT SWITCH	
11-	52344GT	CABLE SQUEEZE CONN	
12	80605GT	WASHER,FLAT,3/8X1.5X.06	
13	54274GT	SCREW,STEP BOLT,1/4-20 X .75	
14	6090GT	SCREW, HHC, 1/4-20 X .75	
15	6356GT	WASHER, LOCK, .25	
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
17A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
17B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
18	226119GT	PLATFORM DECAL PL /W SYM DECAL	1
19	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
20	149088GT	MID-RAIL GUIDE	2
21	226120GT	SLIDING MID RAIL ASSEM W/DECAL includes items 1, 2, 14 and 20	1
22	226121GT	PLAT RAIL 5FT W/ SYM DECALS weldment with decals, includes item 21	
23	4828GT	NUT, NYLOCK, 3/8-16	
24	6097GT	WASHER, FLAT, USS, 3/8", Y	

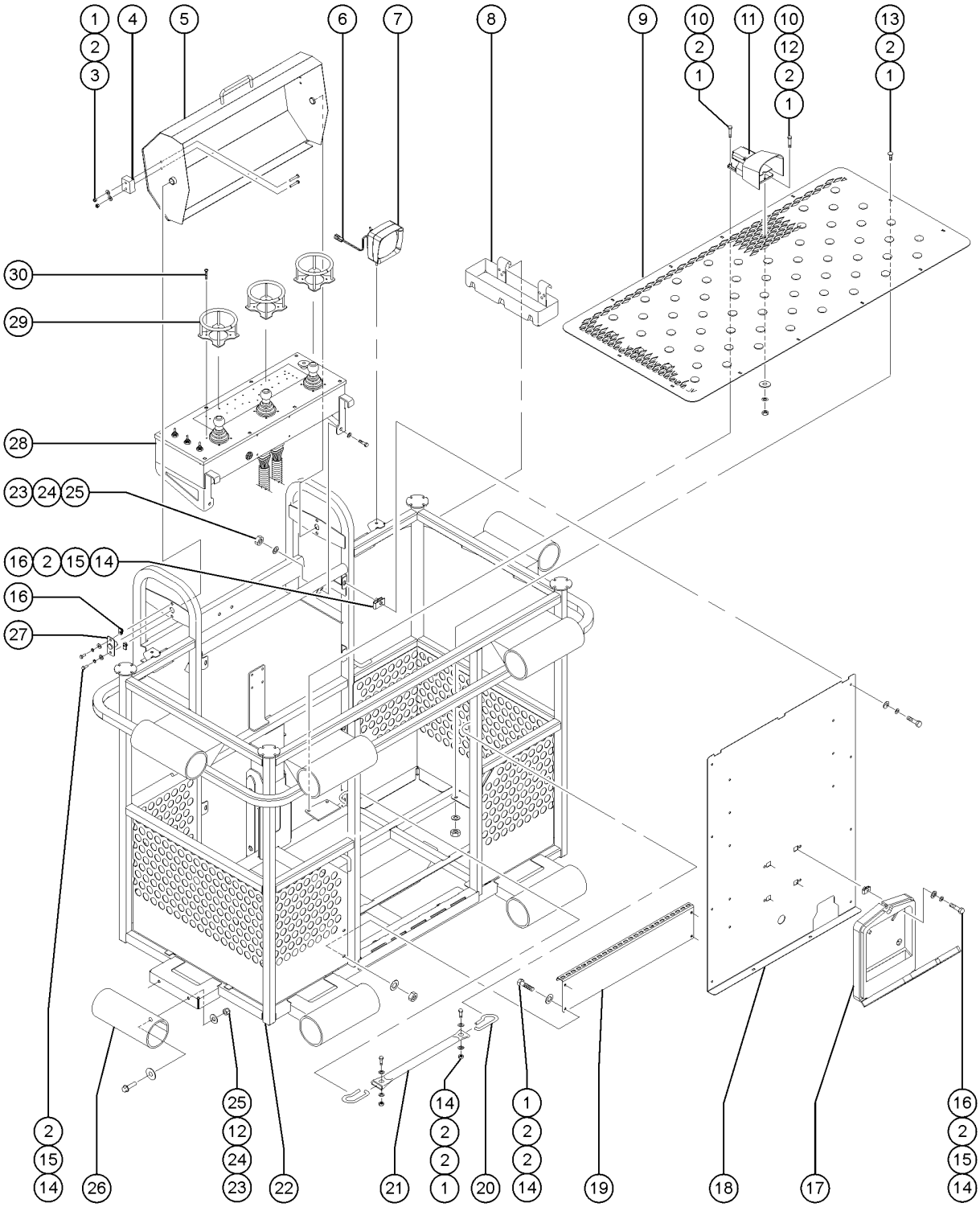
601.1 Platform Installation - View 1, S-100HD



601.1 Platform Installation - View 1, S-100HD

Item	*Part No.*	*Description*	*Qty.*
25	122209GT	SCREW,HHF,3/8-16 X1.50	
26	149127GT	BUMPER,RUBBER	8
27	149078GT	WELDMENT,CONTROL BOX PIVOT	
28		Ref. Platform Controls (refer to 603.1)	
29	149093GT	WELDMENT,GUARD,JOYSTICK	3
30	1313593GT	SCREW PH,M5-0.8X25 DIN 7500CE	12

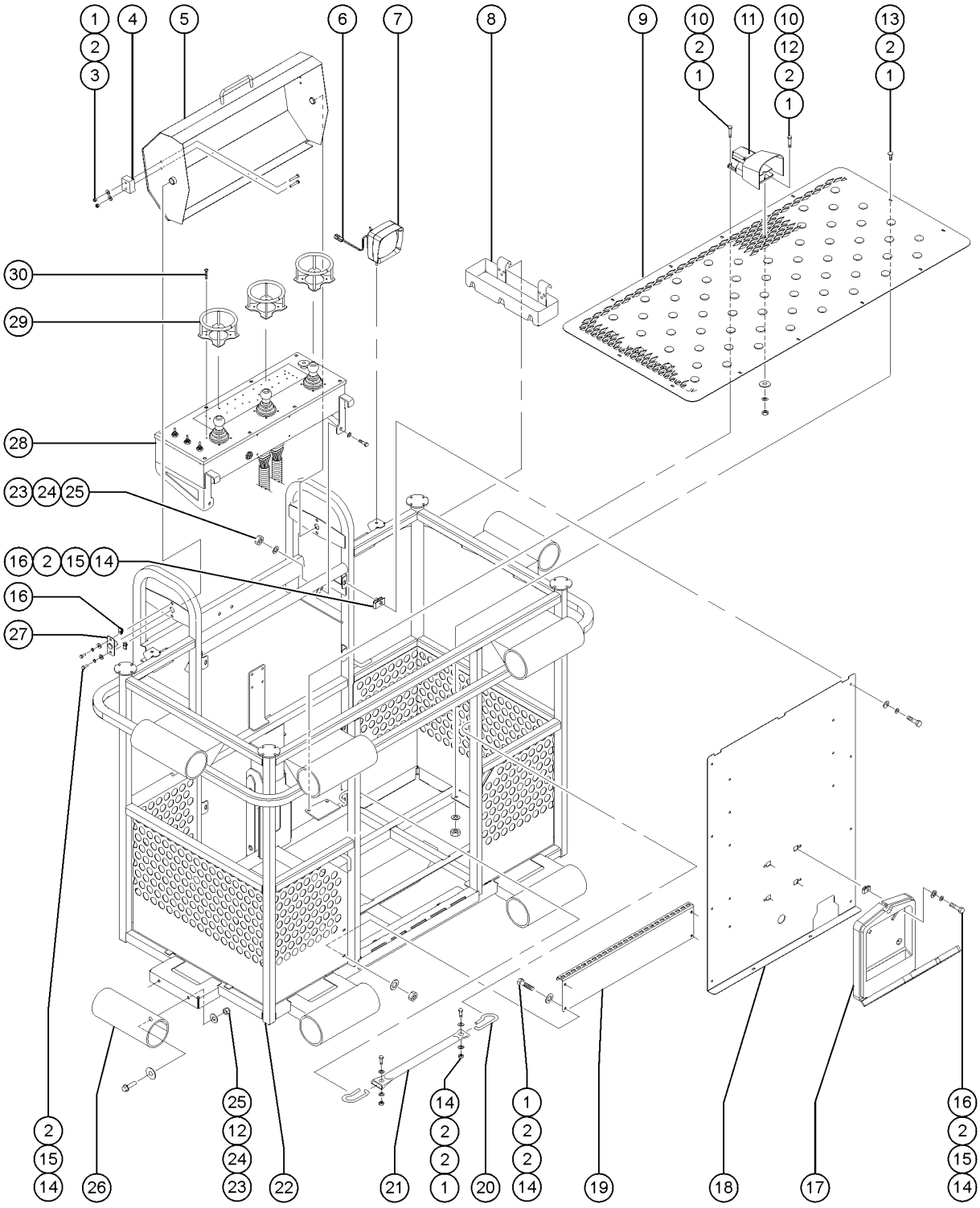
601.2 Platform Installation - View 1, S-120HD



601.2 Platform Installation - View 1, S-120HD

Item	Part No.	Description	Qty.
-	226122GT	PLATFORM ASSEMBLY W/ DECALS includes items 1-5 and 9 - 27	
1	6091GT	NUT, NYLOCK, 1/4-20	
2	6638GT	WASHER,FLAT, USS, 1/4"Y	
3	6145GT	SCREW, HHC, 1/4-20 X 1.5	
4	149121GT	BLOCK,PLATFORM LID STOP	2
5	226118GT	CONTROL BOX LID /W SYM DECAL	1
6		Ref. Wire Harness Assembly (refer to 310.1 or 311.1)	
7	71498GT	WORKLIGHT, 12V, DEUTSCH RECEPT (option) includes mounting fasteners	2
8	9599-SGT	TOOL TRAY ACCESSORY*** (option)	
9	T106932GT	FLOORING, SY 5 FT PLATFORM	1
10	6888GT	SCREW, HHC, 1/4-20 X 1	
11	T107004GT	FOOT SWITCH ASSY, HEAVY DUTY	1
11-	T106698GT	FOOT SWITCH	
11-	52344GT	CABLE SQUEEZE CONN	
12	80605GT	WASHER,FLAT,3/8X1.5X.06	
13	54274GT	SCREW,STEP BOLT,1/4-20 X .75	
14	6090GT	SCREW, HHC, 1/4-20 X .75	
15	6356GT	WASHER, LOCK, .25	
16	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
17A	44743GT	MANUAL BOX W/DECALS*** USA/Canada/Australia	1
17B	24514GT	BOX, INSTRUCTION STORAGE** Europe/Asia/South America (decal required; refer to Section100)	
18	226119GT	PLATFORM DECAL PL /W SYM DECAL	1
19	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
20	149088GT	MID-RAIL GUIDE	2
21	226120GT	SLIDING MID RAIL ASSEM W/DECAL includes items 1, 2, 14 and 20	1
22	226121GT	PLAT RAIL 5FT W/ SYM DECALS weldment with decals, includes item 21	
23	4828GT	NUT, NYLOCK, 3/8-16	
24	6097GT	WASHER, FLAT, USS, 3/8", Y	

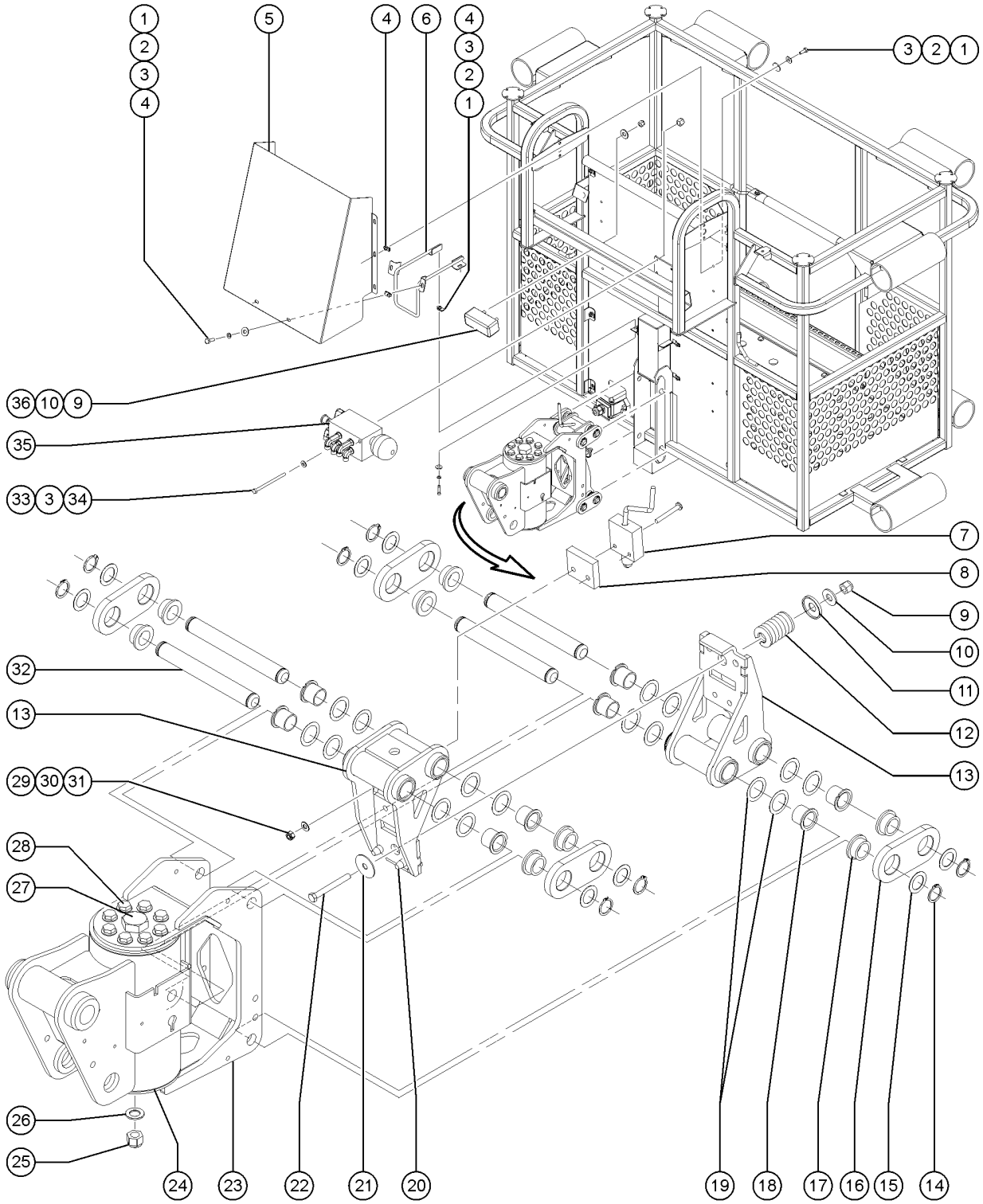
601.2 Platform Installation - View 1, S-120HD



601.2 Platform Installation - View 1, S-120HD

Item	*Part No.*	*Description*	*Qty.*
25	122209GT	SCREW,HHF,3/8-16 X1.50	
26	149127GT	BUMPER,RUBBER	8
27	149078GT	WELDMENT,CONTROL BOX PIVOT	
28		Ref. Platform Controls (refer to 603.1)	
29	149093GT	WELDMENT,GUARD,JOYSTICK	3
30	1313593GT	SCREW PH,M5-0.8X25 DIN 7500CE	12

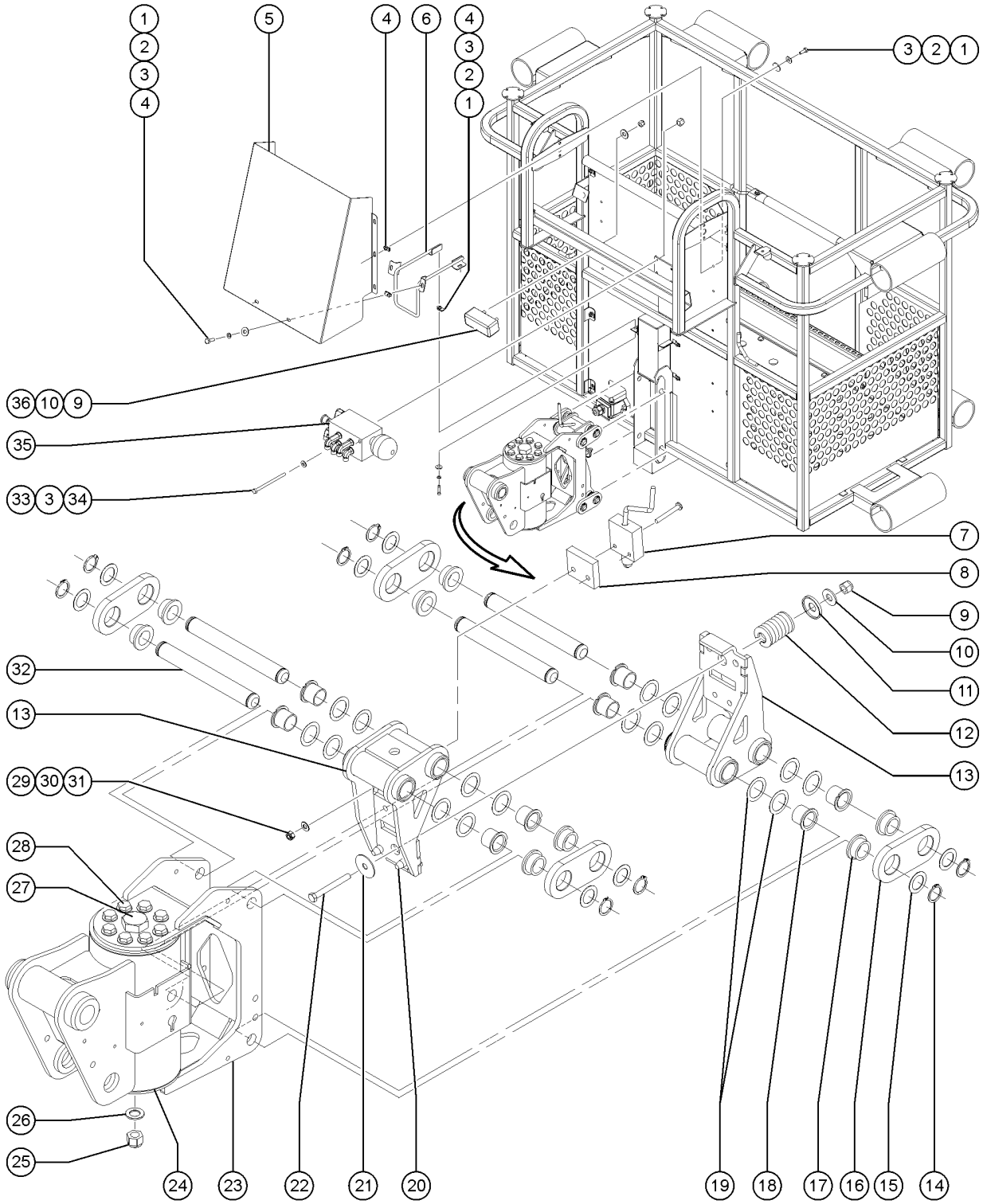
602.1 Platform Installation - View 2, S-100HD



602.1 Platform Installation - View 2, S-100HD

Item	Part No.	Description	Qty.
-	149128GT	KIT,LOAD SENSE MECH,IND,LGR	
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER,FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	149086GT	FORMING,COVER,MANIFOLD	1
6	T107369GT	WELDMENT, PLAT. HOSE GUIDE	
7	146399GT	ASSY, LS, LOAD SENSE, ALC1000 includes switch part 99183	
7-	99183GT	SWITCH, ROLLER PLUNGER LIMIT	1
8	61972GT	MOUNT,SWITCH	1
9	4828GT	NUT, NYLOCK, 3/8-16	
10	6097GT	WASHER, FLAT, USS, 3/8", Y	
11	61977GT	RETAINER,SPRING,1.46 X .375	1
12	61976GT	SPRING,COMP,1-1/4"OD 352 LB/IN	1
13	61809GT	WELDMENT,LOAD SUPPORT	2
14	10262GT	SNAP RING,EXTERNAL,.75 DIA.	4
15	6563GT	WASHER,SHIM,.75 X 1.125 X.030	4
16	110784GT	MACHINED,LOAD CELL LINK	2
17	47548GT	BEARING,FLANGE,0.75IDX1.00ODX0.49L	8
18	25685GT	BEARING,GARLOCK,12FDU12	8
19	110789GT	WASHER,SHIM .0151 THK.	8
20	34619GT	BUMPER,RUBBER***	2
21	80605GT	WASHER,FLAT,3/8X1.5X.06	1
22	21604GT	SCREW,HHC,3/8-16 X 3.25	1
23		WELDMENT,ROTATOR MOUNT no longer available	1
24		Ref. Platform Rotator (refer to 513.1)	
25	29764GT	NUT,NYLOCK,1-8	
26	122079GT	WASHER,FLAT,1.000,HARDENED	

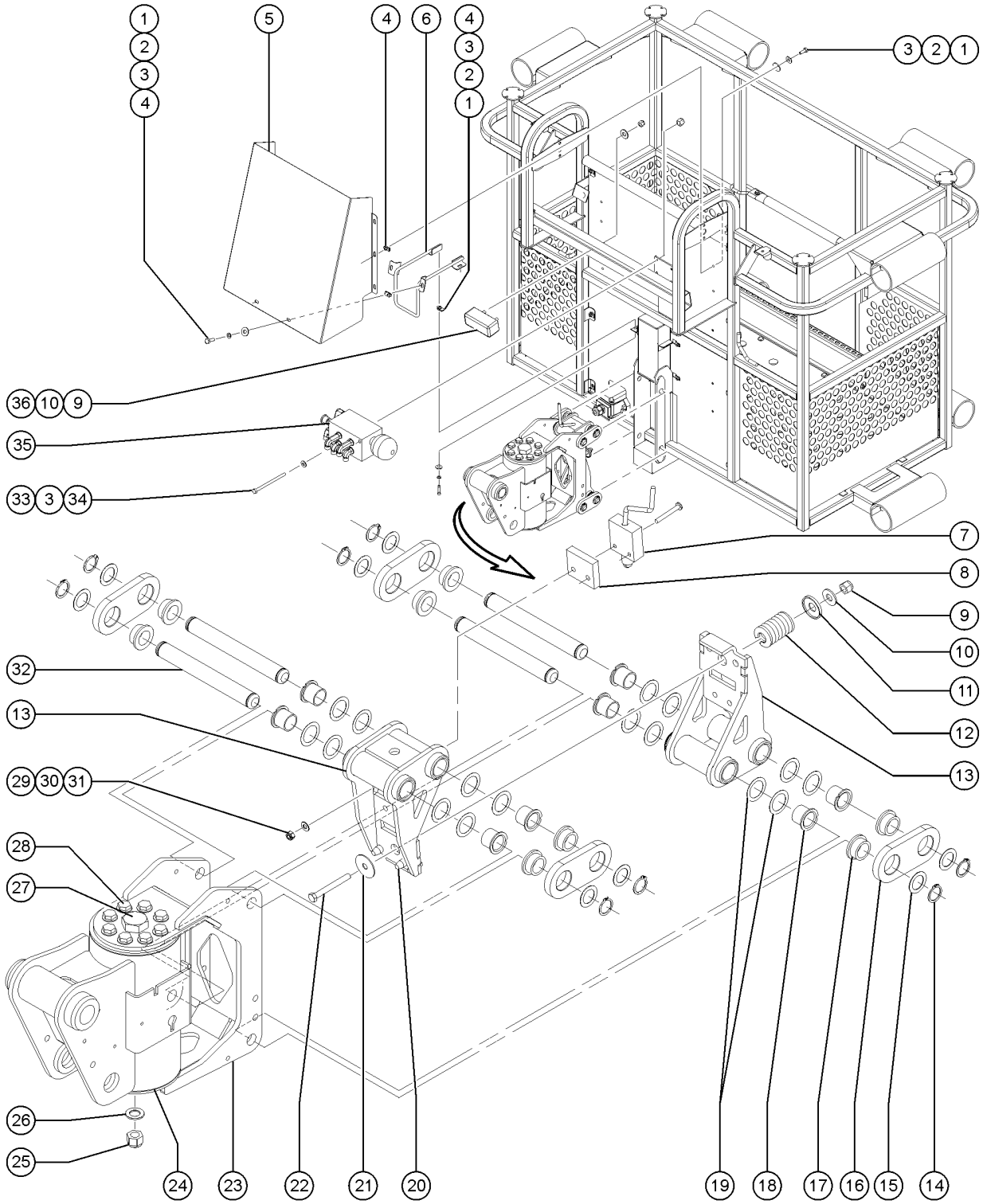
602.1 Platform Installation - View 2, S-100HD



602.1 Platform Installation - View 2, S-100HD

Item	Part No.	Description	Qty.
27	36129GT	SCREW,HHC,1-8 X 13 GRD.2	
28	149122GT	SCREW, HHF,1/2-13 X 1.00 Gr8	8
29	6178GT	NUT, NYLOCK, 10-32	
30	6146GT	WASHER,FLAT,MS,#10,Y	
31	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
32	110785GT	PIN,.75DIA X 6.38 LG,2RING	4
33	11413GT	SCREW,HHC,1/4-20 X 4	2
34	6091GT	NUT, NYLOCK, 1/4-20	
35	50171GT	MANIFOLD,PLAT CONTROL NON-JIB* Part 50171GT is no longer available. Order kit 215547GT for first time replacement (kit contains manifold 122962GT and all required hardware)	1
35-	215546GT	S100/120 PLAT MNFLD SRV KIT Order this kit for first time replacement of platform manifold 50171GT	
36	56927GT	PAD,REST,2"THICK,W/STUDS*	1

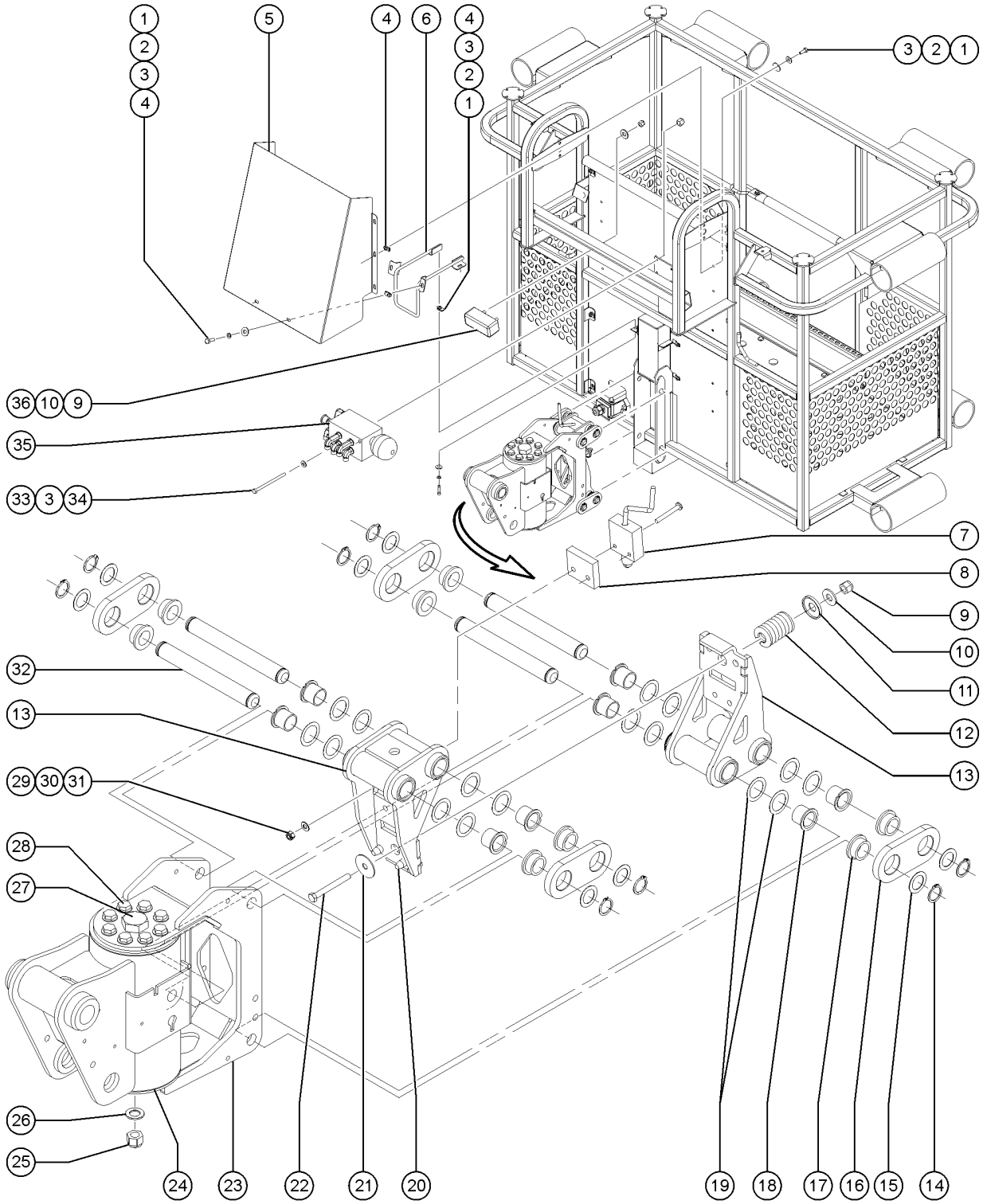
602.2 Platform Installation - View 2, S-120HD



602.2 Platform Installation - View 2, S-120HD

Item	Part No.	Description	Qty.
-	149128GT	KIT,LOAD SENSE MECH,IND,LGR	
1	6090GT	SCREW, HHC, 1/4-20 X .75	
2	6356GT	WASHER, LOCK, .25	
3	6638GT	WASHER,FLAT, USS, 1/4"Y	
4	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
5	149086GT	FORMING,COVER,MANIFOLD	1
6	T107369GT	WELDMENT, PLAT. HOSE GUIDE	
7	146399GT	ASSY, LS, LOAD SENSE, ALC1000 includes switch part 99183	
7-	99183GT	SWITCH, ROLLER PLUNGER LIMIT	1
8	61972GT	MOUNT,SWITCH	1
9	4828GT	NUT, NYLOCK, 3/8-16	
10	6097GT	WASHER, FLAT, USS, 3/8", Y	
11	61977GT	RETAINER,SPRING,1.46 X .375	1
12	61976GT	SPRING,COMP,1-1/4"OD 352 LB/IN	1
13	61809GT	WELDMENT,LOAD SUPPORT	2
14	10262GT	SNAP RING,EXTERNAL,.75 DIA.	4
15	6563GT	WASHER,SHIM,.75 X 1.125 X.030	4
16	110784GT	MACHINED,LOAD CELL LINK	2
17	47548GT	BEARING,FLANGE,0.75IDX1.00ODX0.49L	8
18	25685GT	BEARING,GARLOCK,12FDU12	8
19	110789GT	WASHER,SHIM .0151 THK.	8
20	34619GT	BUMPER,RUBBER***	2
21	80605GT	WASHER,FLAT,3/8X1.5X.06	1
22	21604GT	SCREW,HHC,3/8-16 X 3.25	1
23		WELDMENT,ROTATOR MOUNT no longer available	1
24		Ref. Platform Rotator (refer to 513.1)	
25	29764GT	NUT,NYLOCK,1-8	
26	122079GT	WASHER,FLAT,1.000,HARDENED	

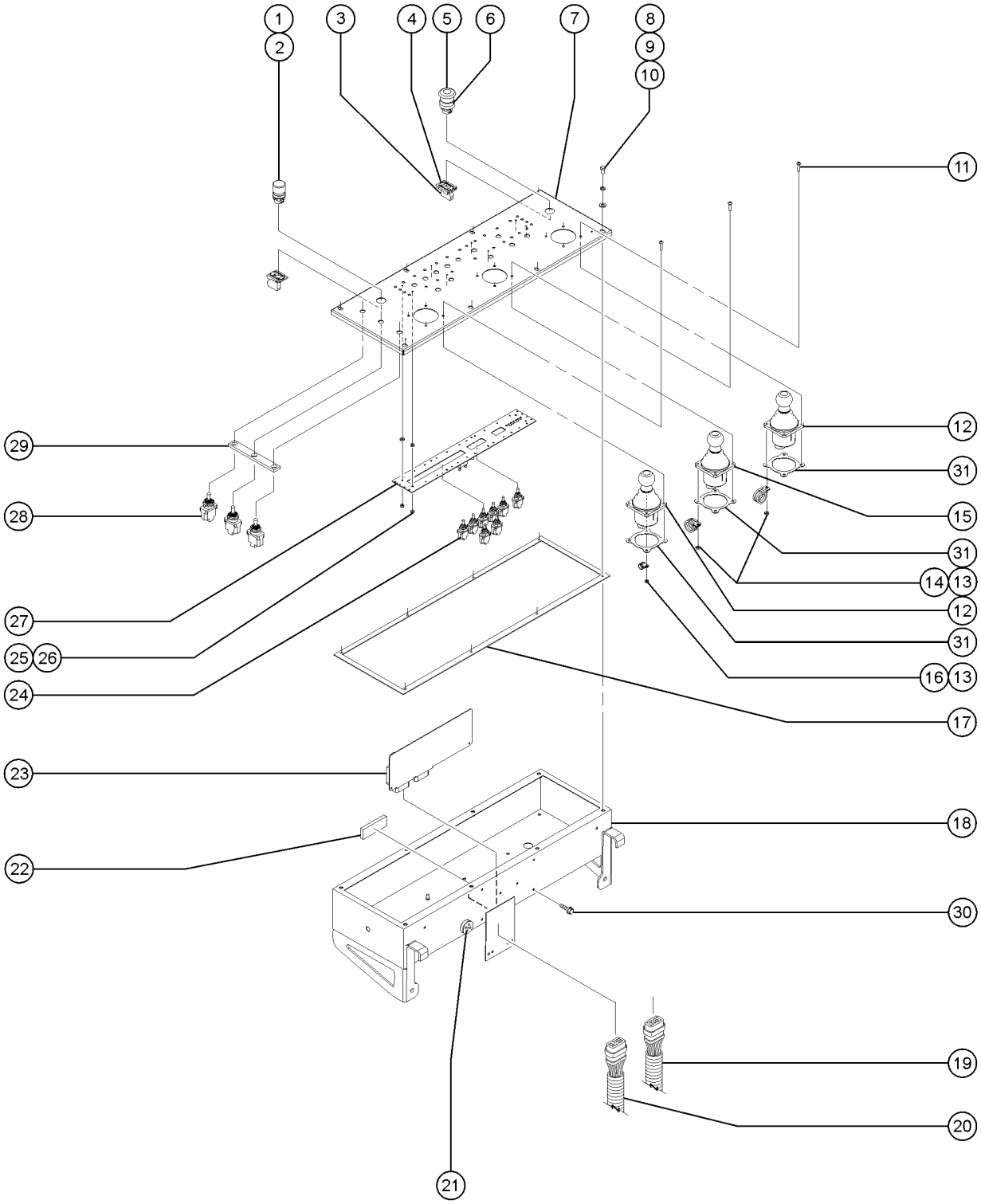
602.2 Platform Installation - View 2, S-120HD



602.2 Platform Installation - View 2, S-120HD

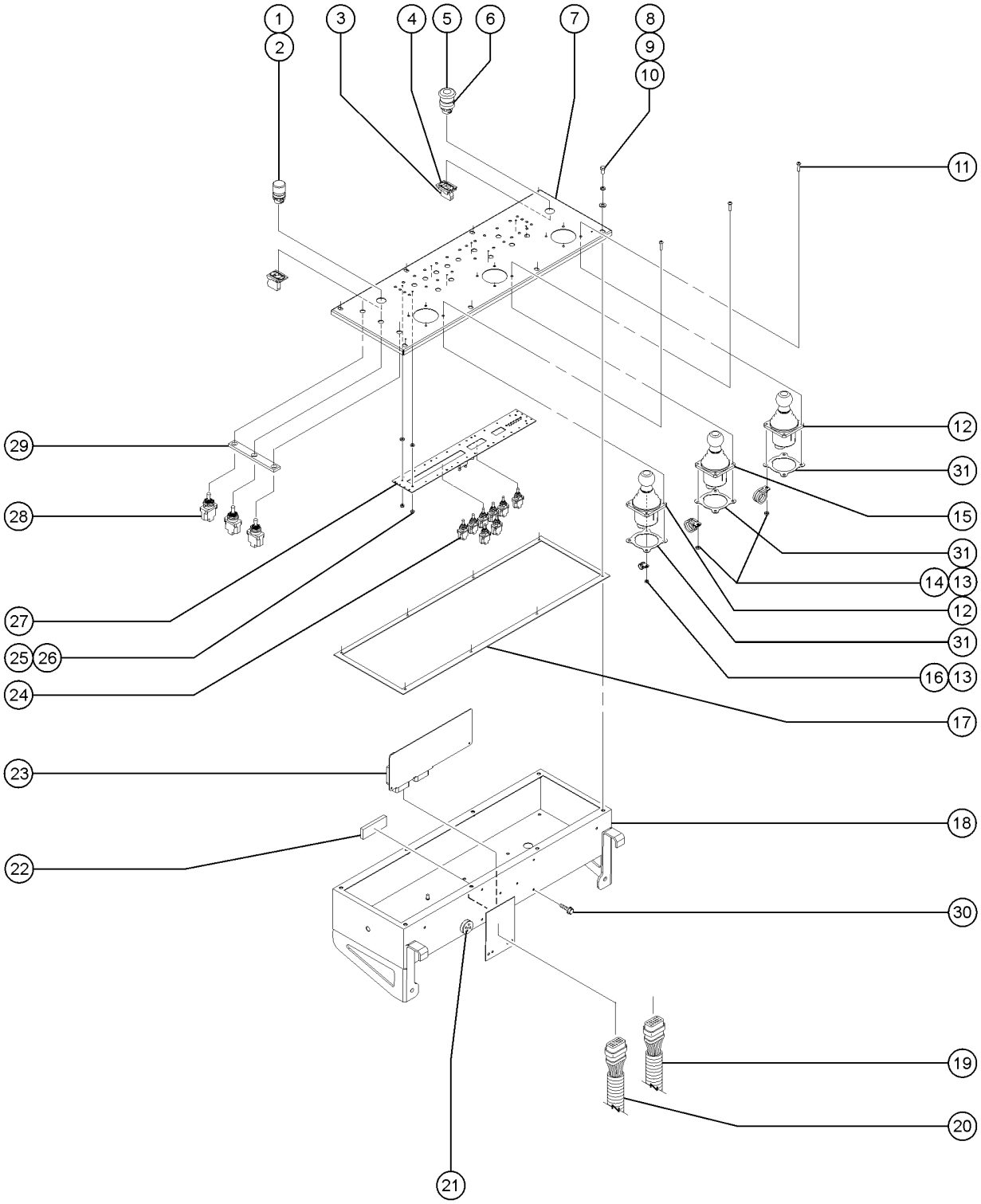
Item	Part No.	Description	Qty.
27	36129GT	SCREW,HHC,1-8 X 13 GRD.2	
28	149122GT	SCREW, HHF,1/2-13 X 1.00 Gr8	8
29	6178GT	NUT, NYLOCK, 10-32	
30	6146GT	WASHER,FLAT,MS,#10,Y	
31	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
32	110785GT	PIN,.75DIA X 6.38 LG,2RING	4
33	11413GT	SCREW,HHC,1/4-20 X 4	2
34	6091GT	NUT, NYLOCK, 1/4-20	
35	50171GT	MANIFOLD,PLAT CONTROL NON-JIB* Part 50171GT is no longer available. Order kit 215547GT for first time replacement (kit contains manifold 122962GT and all required hardware)	1
35-	215546GT	S100/120 PLAT MNFLD SRV KIT Order this kit for first time replacement of platform manifold 50171GT	
36	56927GT	PAD,REST,2"THICK,W/STUDS*	1

603.1 Platform Control Box, S-100HD



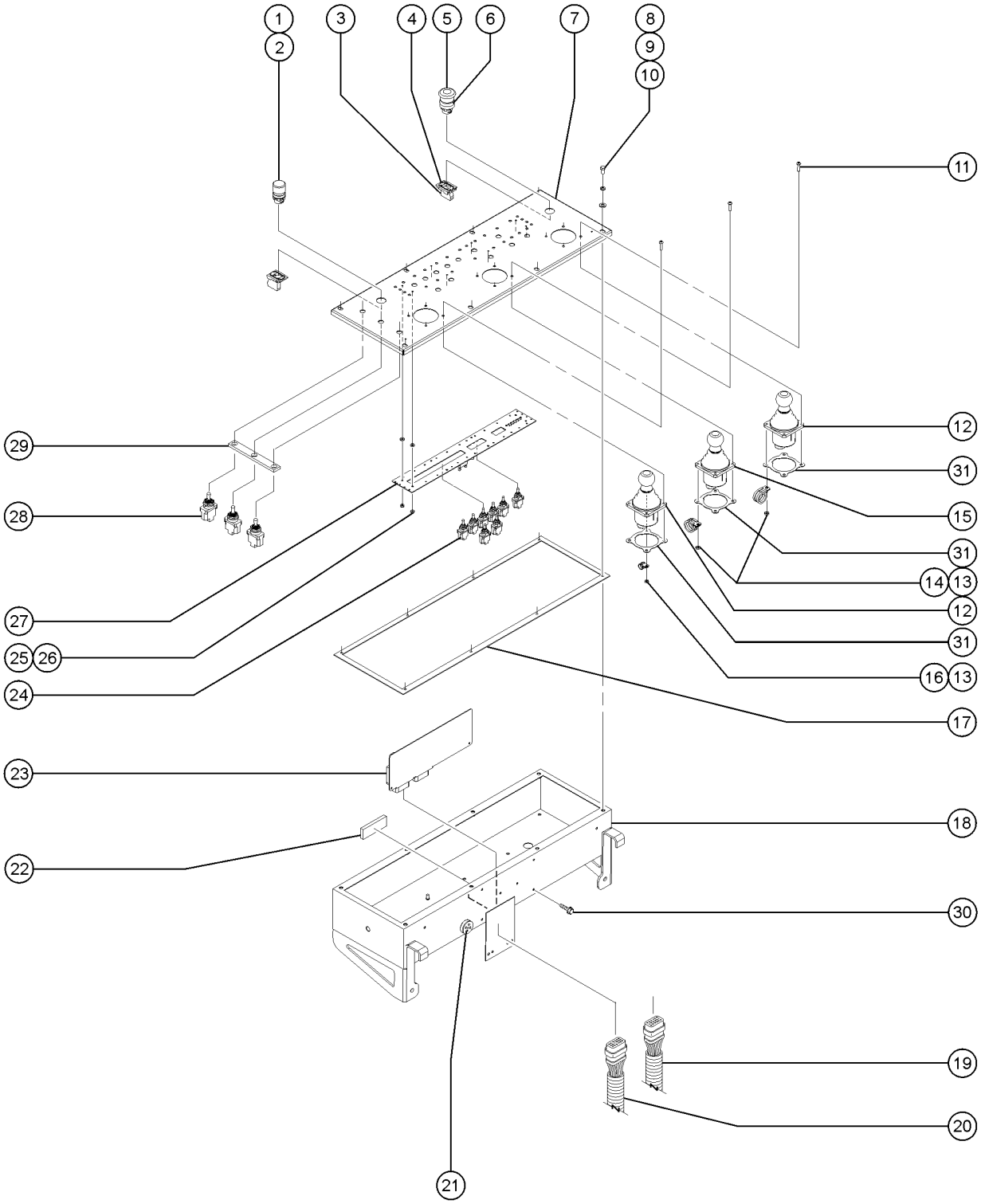
Item	Part No.	Description	Qty.
A	825984GT	ASSY,PCON,TOG SW,SB	
1	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
2	66815GT	BASE, W/1 N.O. CONTACTS***	2
3	66818GT	CONTACT,NC	1
4	66821GT	BASE,WITHOUT CONTACTS	1
5	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
6	146478GT	BOOT(BELLOWS),E-STOP,BLACK	1
7	229389GT	LID, PCON, TOG SW, SUPERBOOM	1
8	7339GT	SCREW,HHC,1/4-20 X .5	8
9	6356GT	WASHER, LOCK, .25	8
10	75144GT	WASHER,FLAT,M6 PLTD.FW	8
11	1313593GT	SCREW PH,M5-0.8X25 DIN 7500CE	16
12	101174GT	JOYSTICK,2 AXIS,DEUTSCH	2
13	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC	3
14	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	2
15	101175GT	JOYSTICK,1 AXIS,DEUTSCH	1
16	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
17	62382GT	GASKET,PLATF.CNTRLS.SUPERBOOM	1
18	160645GT	WELDMENT,PCON BOX	1
19	60950GT	HARNESS,PCON J2,(MANIFOLD)	1
20	T106485GT	HARNESS,SHIPYARD BOOM CABLE #2	1
21	62379GT	ALARM,AUDIO,SUPERBOOM*	1
22	30997GT	CORROSION INHIBITOR,FOAM	1
23	146390GT	PCB,ASSY,ECM,PLATFORM,VER 3.00	1
24	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	11
25	12344GT	NUT,NYLOCK,6-32	10
26	822224GT	WASHER, NYLON #10, 0.093	8
27	232975GT	PCB, LED/TOGGLE SWITCH, ALC100	1

603.1 Platform Control Box, S-100HD



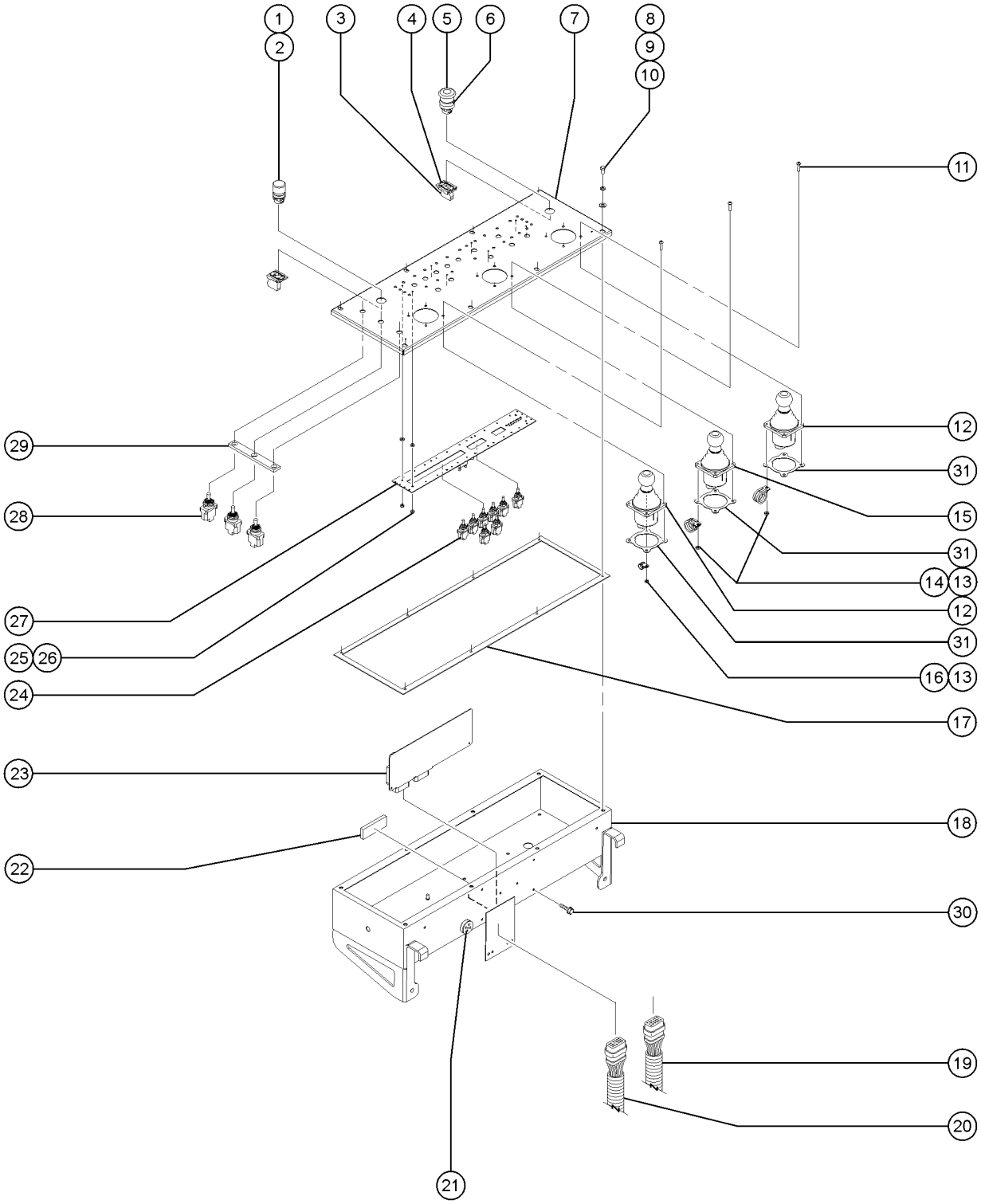
Item	*Part No.*	*Description*	*Qty.*
28	13037GT	SWITCH TOGGLE SPDT 3POS MOM	3
28-	54692GT	SPACER,NYLON,.718 X .526 X.219	3
28-	25553GT	BOOT,TOGGLE SWITCH	3
29	75141GT	PLATE,TOGGLE SWITCH MOUNT,PCON	1
30	62386GT	SCREW,LOCKING FLANGE 6/32X.375	5
31	1296721GT	MOUNT,HOLDER PLATE,JOYSTICK	3

603.2 Platform Control Box, S-120HD



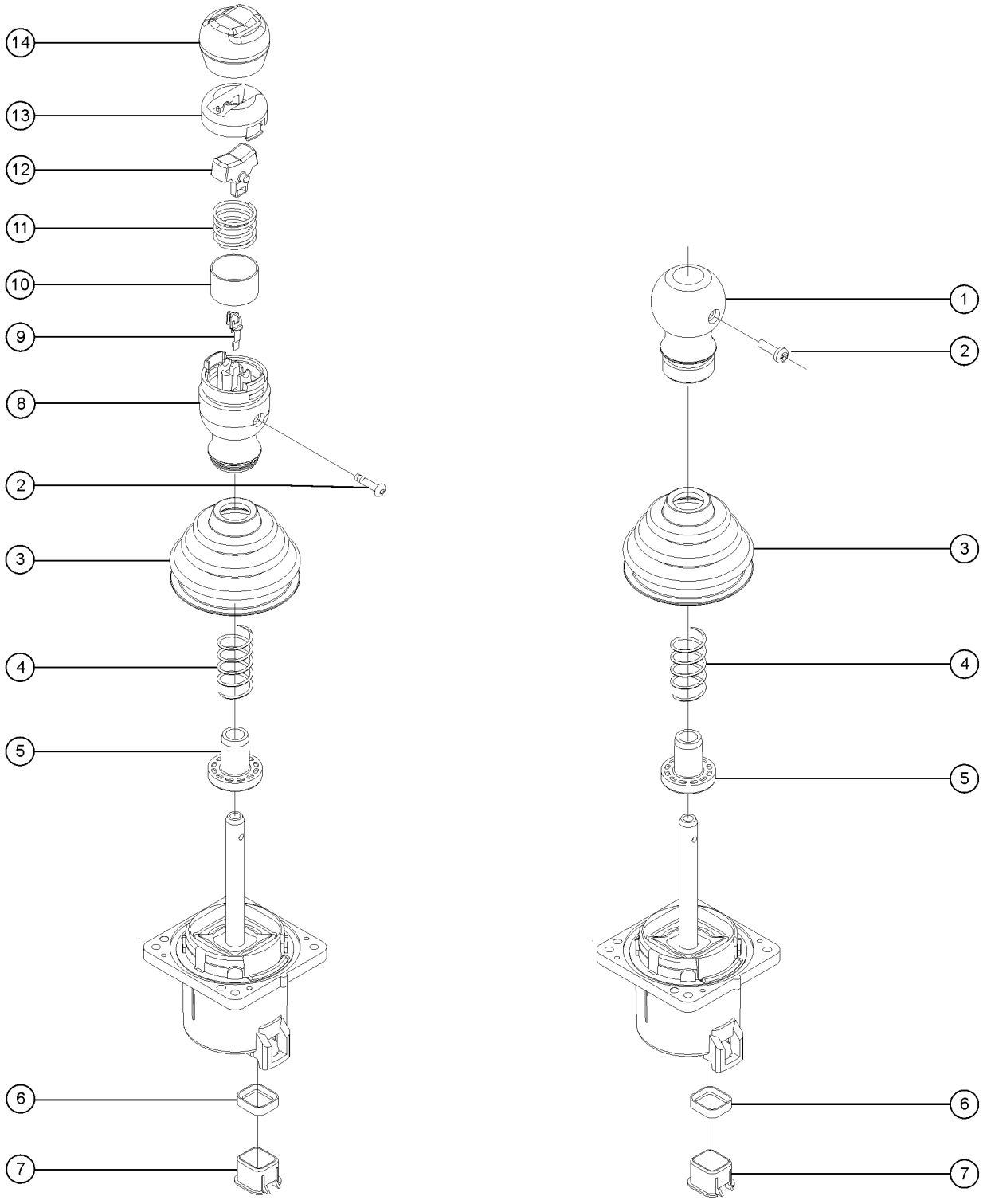
Item	Part No.	Description	Qty.
A	825984GT	ASSY,PCON,TOG SW,SB	
1	66813GT	BUTTON,PUSH,BLACK W/SEAL***	1
2	66815GT	BASE, W/1 N.O. CONTACTS***	2
3	66818GT	CONTACT,NC	1
4	66821GT	BASE,WITHOUT CONTACTS	1
5	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD	1
6	146478GT	BOOT(BELLOWS),E-STOP,BLACK	1
7	229389GT	LID, PCON, TOG SW, SUPERBOOM	1
8	7339GT	SCREW,HHC,1/4-20 X .5	8
9	6356GT	WASHER, LOCK, .25	8
10	75144GT	WASHER,FLAT,M6 PLTD.FW	8
11	1313593GT	SCREW PH,M5-0.8X25 DIN 7500CE	16
12	101174GT	JOYSTICK,2 AXIS,DEUTSCH	2
13	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC	3
14	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH	2
15	101175GT	JOYSTICK,1 AXIS,DEUTSCH	1
16	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH	1
17	62382GT	GASKET,PLATF.CNTRLS.SUPERBOOM	1
18	160645GT	WELDMENT,PCON BOX	1
19	60950GT	HARNESS,PCON J2,(MANIFOLD)	1
20	T106485GT	HARNESS,SHIPYARD BOOM CABLE #2	1
21	62379GT	ALARM,AUDIO,SUPERBOOM*	1
22	30997GT	CORROSION INHIBITOR,FOAM	1
23	146390GT	PCB,ASSY,ECM,PLATFORM,VER 3.00	1
24	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM	11
25	12344GT	NUT,NYLOCK,6-32	10
26	822224GT	WASHER, NYLON #10, 0.093	8
27	232975GT	PCB, LED/TOGGLE SWITCH, ALC100	1

603.2 Platform Control Box, S-120HD



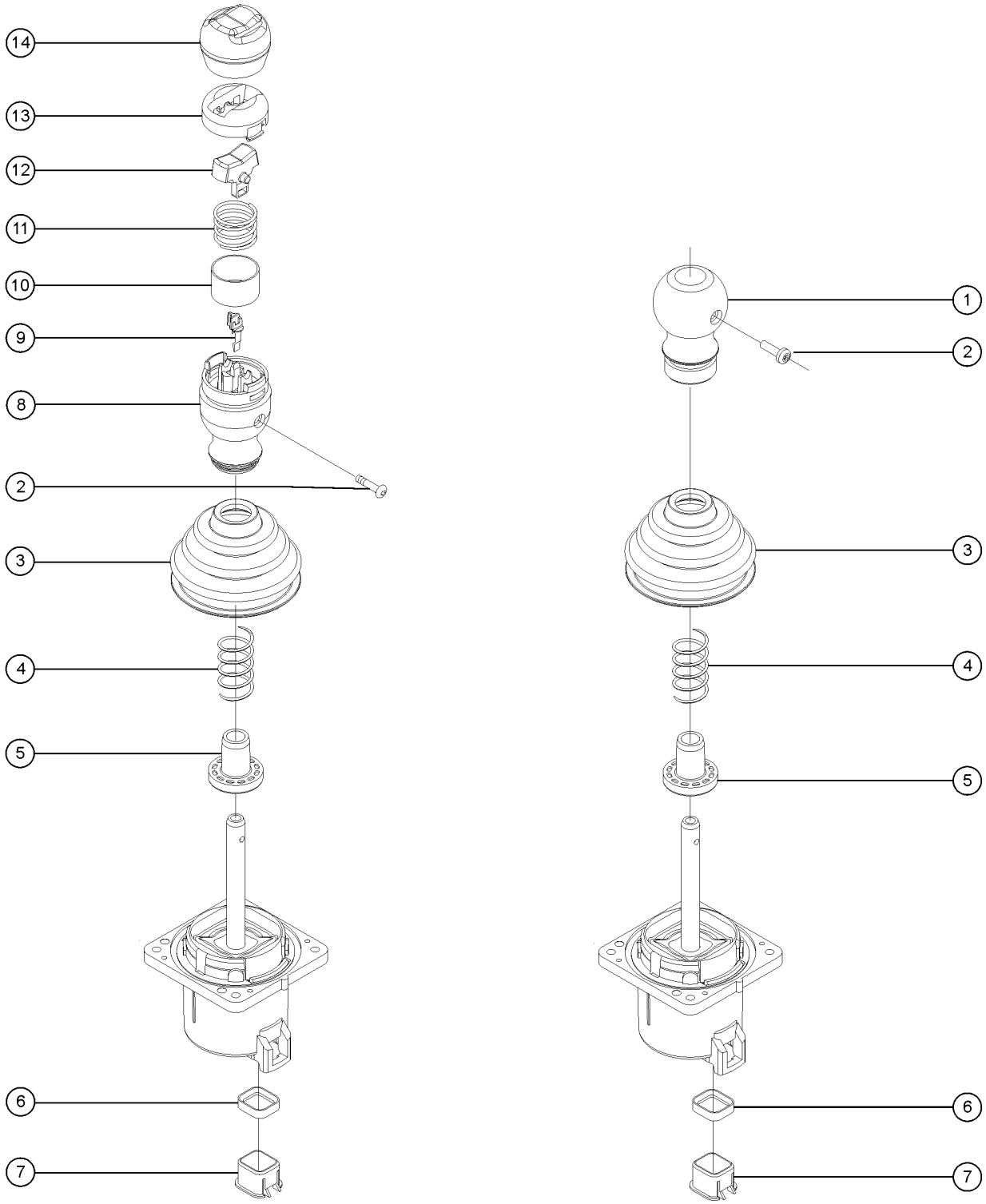
Item	*Part No.*	*Description*	*Qty.*
28	13037GT	SWITCH TOGGLE SPDT 3POS MOM	3
28-	54692GT	SPACER,NYLON,.718 X .526 X.219	3
28-	25553GT	BOOT,TOGGLE SWITCH	3
29	75141GT	PLATE,TOGGLE SWITCH MOUNT,PCON	1
30	62386GT	SCREW,LOCKING FLANGE 6/32X.375	5
31	1296721GT	MOUNT,HOLDER PLATE,JOYSTICK	3

604.1 Joysticks, S-100HD



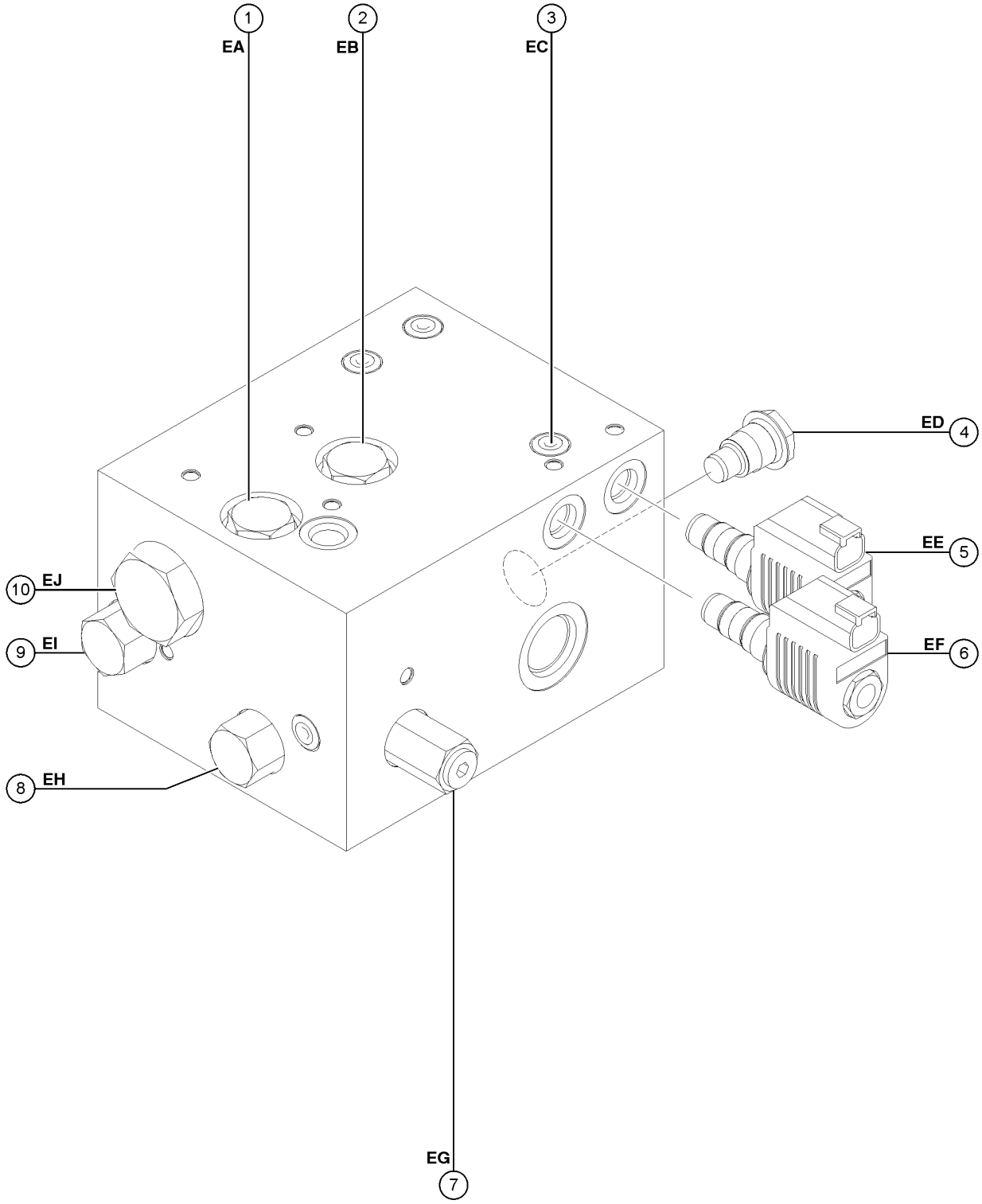
Item	Part No.	Description	Qty.
A-	101174GT	JOYSTICK,2 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
C-	101175GT	JOYSTICK,1 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
D-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
E-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH OEM joystick (calibration required after replacement)	
F-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER aftermarket joystick (calibration required after replacement)	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
Z	1269500GT	KIT, ISOLATION, 2 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	62393GT	SCREW,KNOB,JOYSTK.62390/62391	1
3	139598GT	BOOT,JOYSTICK	1
4		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
5	119915GT	COLLAR, JOYSTICK, CENTER	1
6	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
7	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
8	75449GT	KNOB,ROCKER JOYSTICK 75565	1
9	75448GT	SUPPORT,SENSOR,JOYSTICK	1
10	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
11	75446GT	SPRING,SWITCH CENTERING,75565	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
13	75444GT	ROCKER,RETAINER, 75565	1
14	75443GT	BOOT, ROCKER JOYSTICK 75565	1

604.2 Joysticks, S-120HD

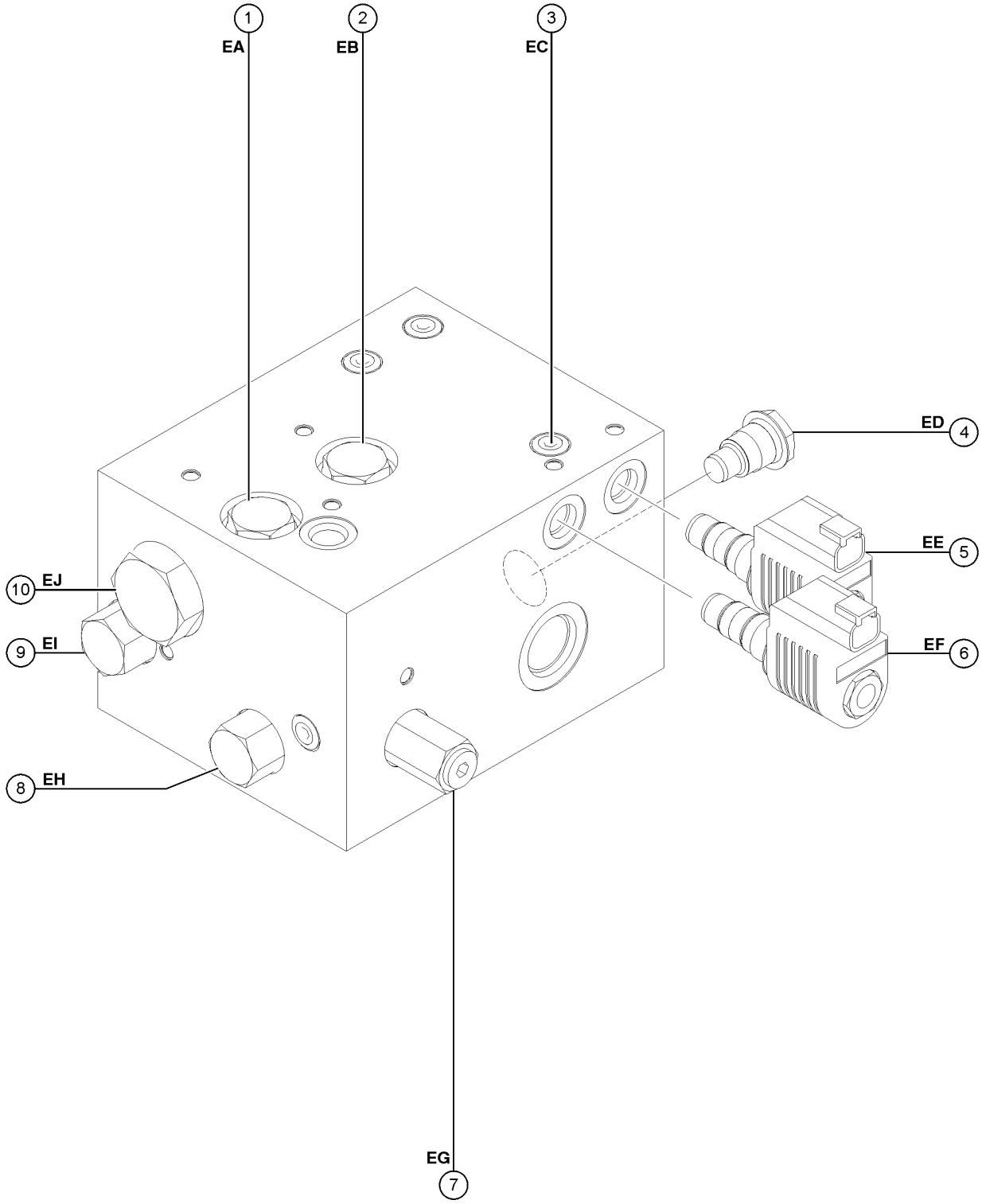


Item	Part No.	Description	Qty.
A-	101174GT	JOYSTICK,2 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
B-	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
C-	101175GT	JOYSTICK,1 AXIS,DEUTSCH OEM joystick (calibration required after replacement)	
D-	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)	
E-	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH OEM joystick (calibration required after replacement)	
F-	101005HGT	JOYSTICK, SINGLE AXIS W/STEER aftermarket joystick (calibration required after replacement)	
G-	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
H-	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
Z	1269501GT	KIT, ISOLATION, 3 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391	1
2	62393GT	SCREW,KNOB,JOYSTK.62390/62391	1
3	139598GT	BOOT,JOYSTICK	1
4		SPRING,JOYSTK CENTR,62390/91 no longer available from supplier	1
5	119915GT	COLLAR, JOYSTICK, CENTER	1
6	128000GT	SEAL, CONNECTOR (DT JOYSTICKS)	1
7	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS	1
8	75449GT	KNOB,ROCKER JOYSTICK 75565	1
9	75448GT	SUPPORT,SENSOR,JOYSTICK	1
10	75447GT	SWITCH SHIELD,ROCK JOYSTK75565	1
11	75446GT	SPRING,SWITCH CENTERING,75565	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565	1
13	75444GT	ROCKER,RETAINER, 75565	1
14	75443GT	BOOT, ROCKER JOYSTICK 75565	1

701.1 Traction Manifold, 2WD, S-100HD

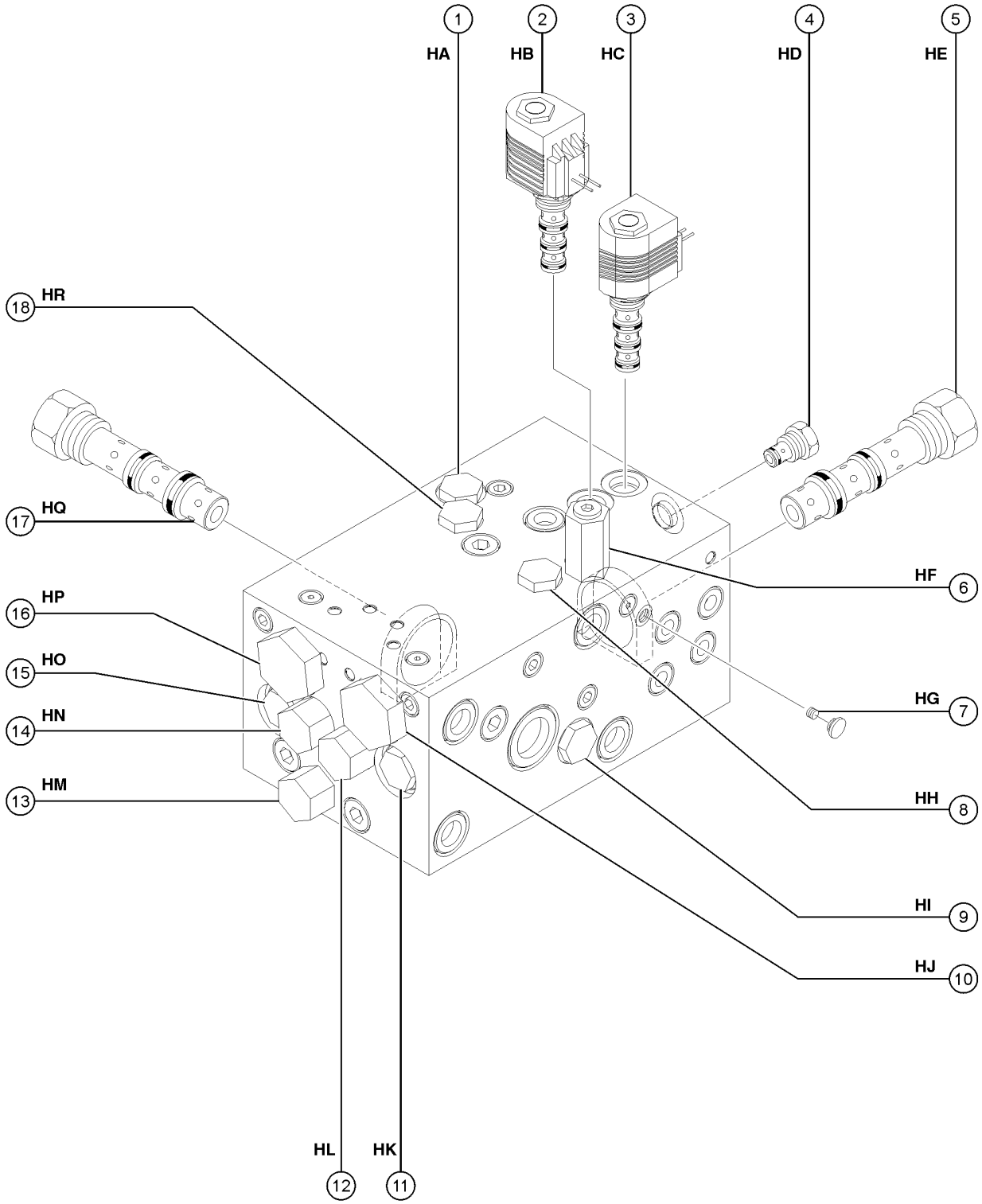


Item	Part No.	Description	Qty.
-	70247GT	MANIFOLD,TRACTION,2WD (complete)	
1	27836GT	VALVE,CHECK,5 PSI EA, Drive motor anti-cavitation	
2	27836GT	VALVE,CHECK,5 PSI EB, Drive motor anti-cavitation	
3	89299GT	PLUG ORIFICE, .031 EC, Brake and two-speed circuit	
4	69873GT	VALVE, CHECK ED, Keeps brakes released in case of temporary loss of charge pressure	
4-	74902GT	SEAL KIT, VALVE	
5	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY EE, Brake release	
5-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
5-	52943GT	NUT, SOLENOID VALVE COIL	
5-	72043GT	SEAL KIT,SOLENOID VALVE	
6	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY EF, two-speed drive motor shift	
6-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
6-	52943GT	NUT, SOLENOID VALVE COIL	
6-	72043GT	SEAL KIT,SOLENOID VALVE	
7	77507GT	VALVE,RELIEF 250 PSI(70247) EG, Charge pressure circuit	
7-	74902GT	SEAL KIT, VALVE	
8	43596GT	VALVE,SHUTTLE EH, Charge pressure circuit that directs hot oil out of low pressure side of drive pump	
8-	84137GT	SEAL KIT, VALVE 84129	
9	77508GT	VALVE,BI-DIRECTIONAL FLOW EI, Equalizes pressure on both sides of divider/combiner valve EJ	
9-	89310GT	SEAL KIT, SOLENOID VALVE	
10	52726GT	VALVE,FLOW DIVIDER/COMBINER EJ, Controls flow to drive motors in forward and reverse	
10-	84135GT	SEAL KIT, VALVE	


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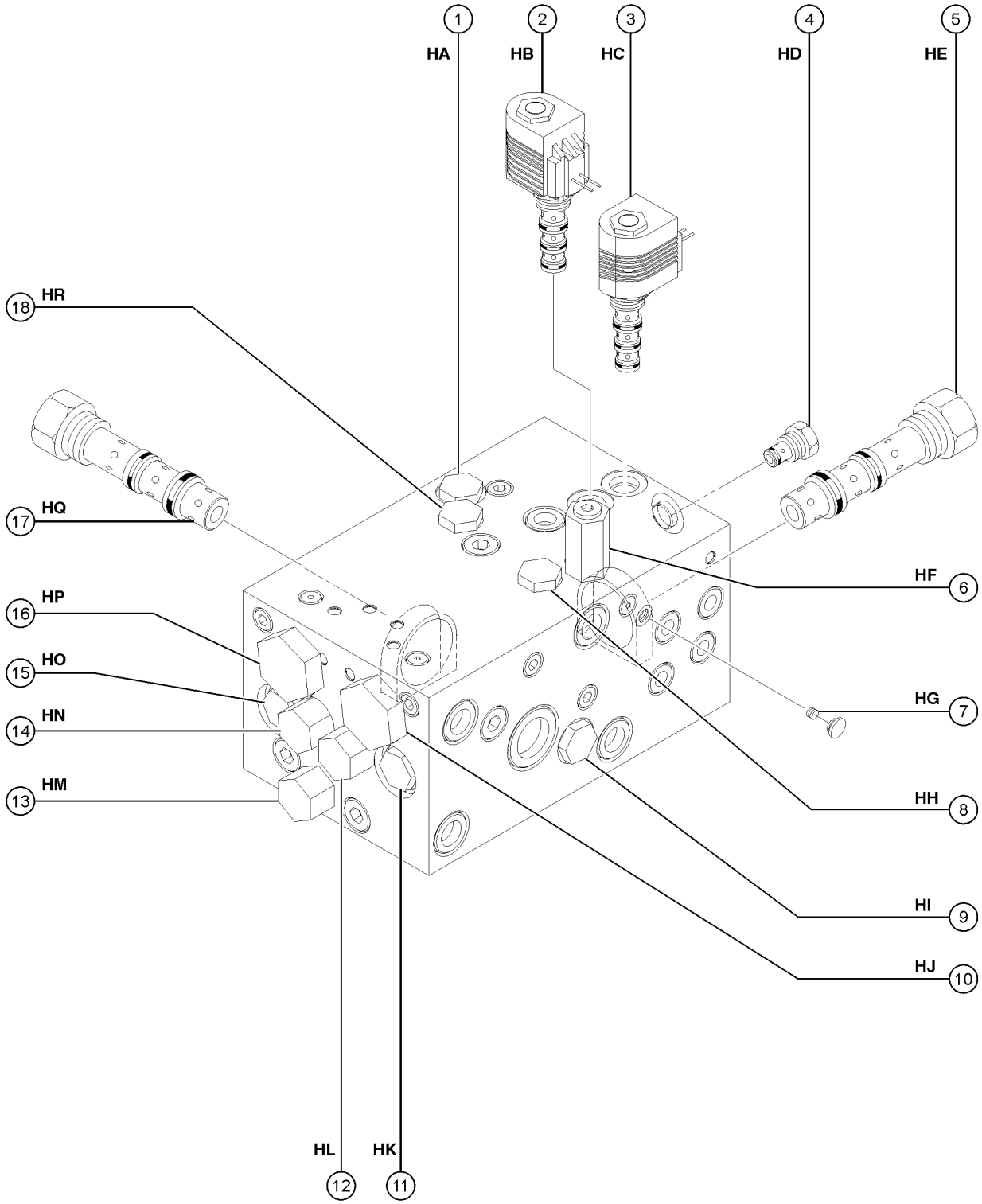
Item	Part No.	Description	Qty.
-	70247GT	MANIFOLD,TRACTION,2WD (complete)	
1	27836GT	VALVE,CHECK,5 PSI EA, Drive motor anti-cavitation	
2	27836GT	VALVE,CHECK,5 PSI EB, Drive motor anti-cavitation	
3	89299GT	PLUG ORIFICE, .031 EC, Brake and two-speed circuit	
4	69873GT	VALVE, CHECK ED, Keeps brakes released in case of temporary loss of charge pressure	
4-	74902GT	SEAL KIT, VALVE	
5	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY EE, Brake release	
5-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
5-	52943GT	NUT, SOLENOID VALVE COIL	
5-	72043GT	SEAL KIT,SOLENOID VALVE	
6	62263GT	VALVE,SOLENOID, 2 POS, 3 WAY EF, two-speed drive motor shift	
6-	62273GT	COIL,GREEN W/ 2 PIN CONNECTOR*	
6-	52943GT	NUT, SOLENOID VALVE COIL	
6-	72043GT	SEAL KIT,SOLENOID VALVE	
7	77507GT	VALVE,RELIEF 250 PSI(70247) EG, Charge pressure circuit	
7-	74902GT	SEAL KIT, VALVE	
8	43596GT	VALVE,SHUTTLE EH, Charge pressure circuit that directs hot oil out of low pressure side of drive pump	
8-	84137GT	SEAL KIT, VALVE 84129	
9	77508GT	VALVE,BI-DIRECTIONAL FLOW EI, Equalizes pressure on both sides of divider/combiner valve EJ	
9-	89310GT	SEAL KIT, SOLENOID VALVE	
10	52726GT	VALVE,FLOW DIVIDER/COMBINER EJ, Controls flow to drive motors in forward and reverse	
10-	84135GT	SEAL KIT, VALVE	

702.1 Traction Manifold, 4WD, S-100HD



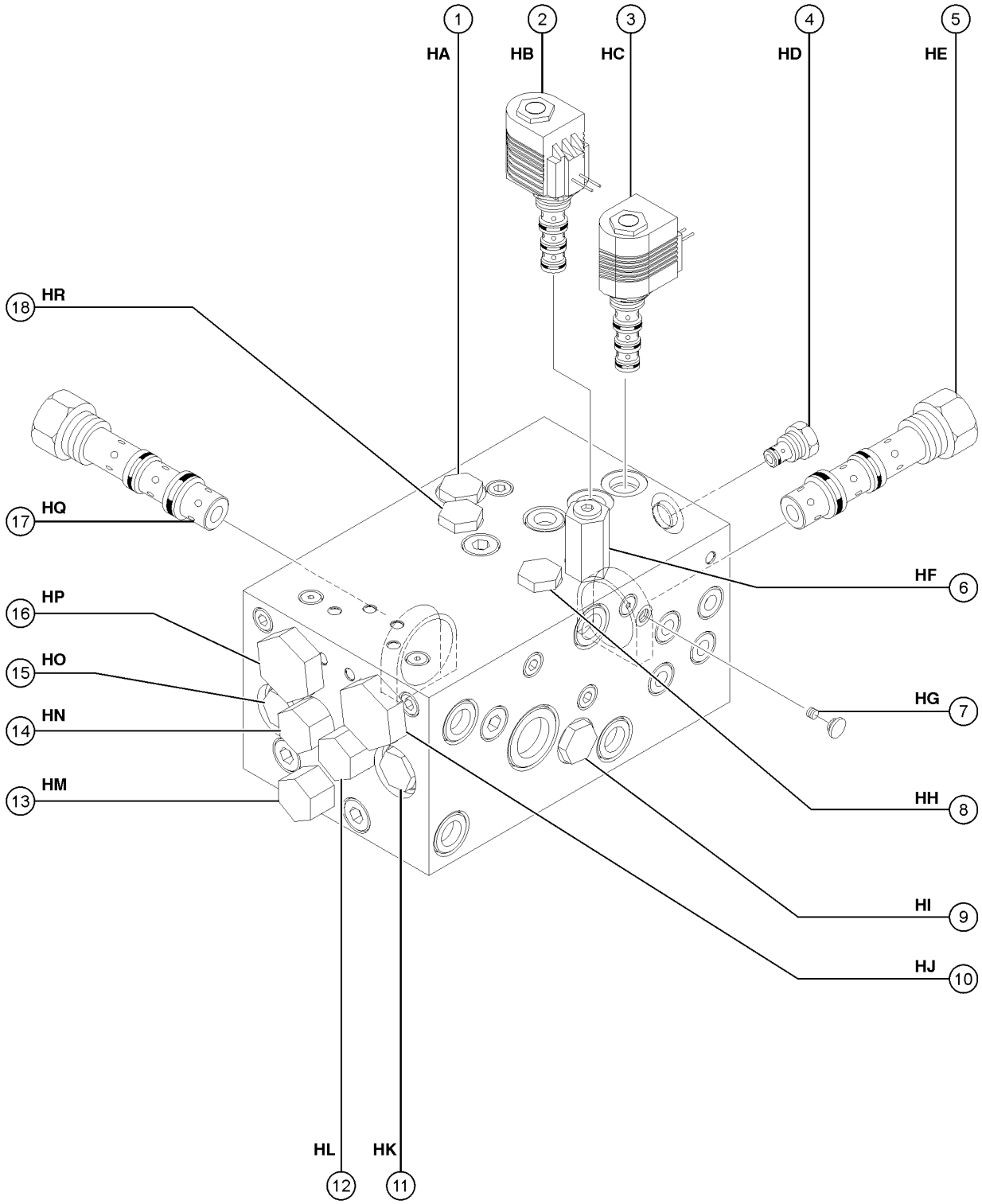
Item	Part No.	Description	Qty.
A-	70241GT	MANIFOLD,TRACTION,4WD (complete)	
1	27836GT	VALVE,CHECK,5 PSI HA, Anti-cavitation	
1-	110194GT	SEAL KIT, VALVE, #10	
2	77489GT	VALVE,SOLENOID 2 POS.3 WAY HB, Two-speed drive motor shift	
2-	72043GT	SEAL KIT,SOLENOID VALVE	
3	77489GT	VALVE,SOLENOID 2 POS.3 WAY HC, Brake release	
3-	72043GT	SEAL KIT,SOLENOID VALVE	
4	69873GT	VALVE, CHECK HD, Keeps brakes released in case of temporary loss of charge pressure	
4-	74902GT	SEAL KIT, VALVE	
5	27761GT	VALVE,SHUTTLE HE, Charge pressure circuit that directs hot oil out of low pressure side of drive pump	
5-	84134GT	SEAL KIT, VALVE	
6	62253GT	VALVE,RELIEF,250 PSI HF, Charge pressure circuit	
6-	74902GT	SEAL KIT, VALVE	
7	102496GT	ORIFICE,PLUG 0.030 HG, Brake and two-speed circuit	
8	69873GT	VALVE, CHECK HH, Anti-cavitation	
8-	74902GT	SEAL KIT, VALVE	
9	27836GT	VALVE,CHECK,5 PSI HI, Anti-cavitation	
9-	110194GT	SEAL KIT, VALVE, #10	
10	62252GT	VALVE, FLOW DIVIDER COMBINER HJ, Controls flow to square end drive motors in forward and reverse	
10-	84135GT	SEAL KIT, VALVE	
11	69873GT	VALVE, CHECK HK, Anti-cavitation	
11-	74902GT	SEAL KIT, VALVE	
12	52723GT	VALVE-FLOW REGULATOR 2 GPM HL, Equalizes pressure on both sides of divider/combiner valve FJ	
12-	89310GT	SEAL KIT, SOLENOID VALVE	
13	52723GT	VALVE-FLOW REGULATOR 2 GPM HM, Equalizes pressure on both sides of divider/combiner valve FQ	
13-	89310GT	SEAL KIT, SOLENOID VALVE	
14	52723GT	VALVE-FLOW REGULATOR 2 GPM HN, Equalizes pressure on both sides of divider/combiner valve FQ	
14-	89310GT	SEAL KIT, SOLENOID VALVE	

702.1 Traction Manifold, 4WD, S-100HD



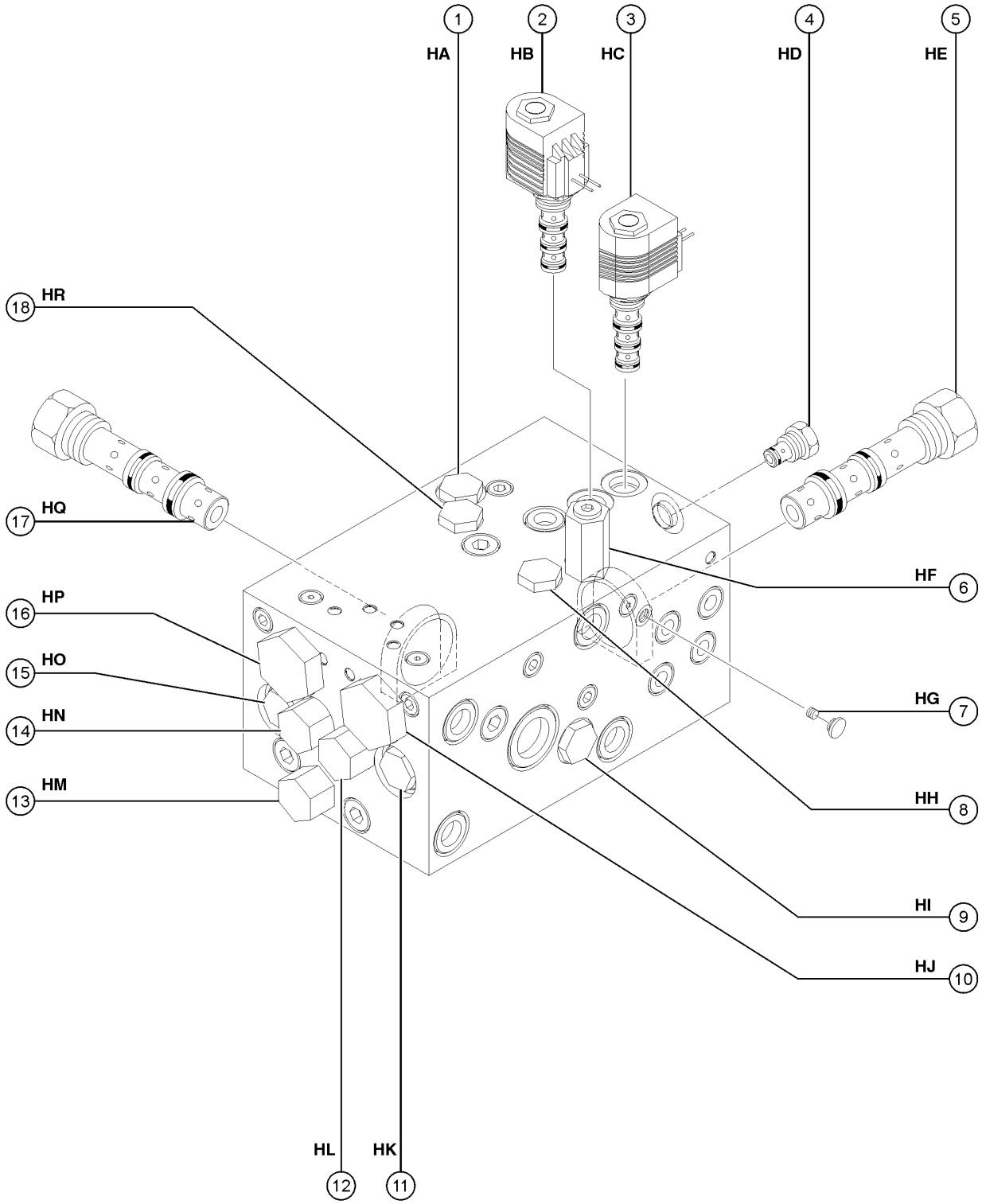
Item	Part No.	Description	Qty.
15	69873GT	VALVE, CHECK HO, Anti-cavitation	
15-	74902GT	SEAL KIT, VALVE	
16	62252GT	VALVE, FLOW DIVIDER COMBINER HP, Controls flow to circle end drive motors in forward and reverse	
16-	84135GT	SEAL KIT, VALVE	
17	52726GT	VALVE,FLOW DIVIDER/COMBINER HQ, Controls flow to divider/combiner valves FJ and FP	
17-	84135GT	SEAL KIT, VALVE	
18	69873GT	VALVE, CHECK HR, Anti-cavitation	
18-	74902GT	SEAL KIT, VALVE	

702.2 Traction Manifold, 4WD, S-120HD



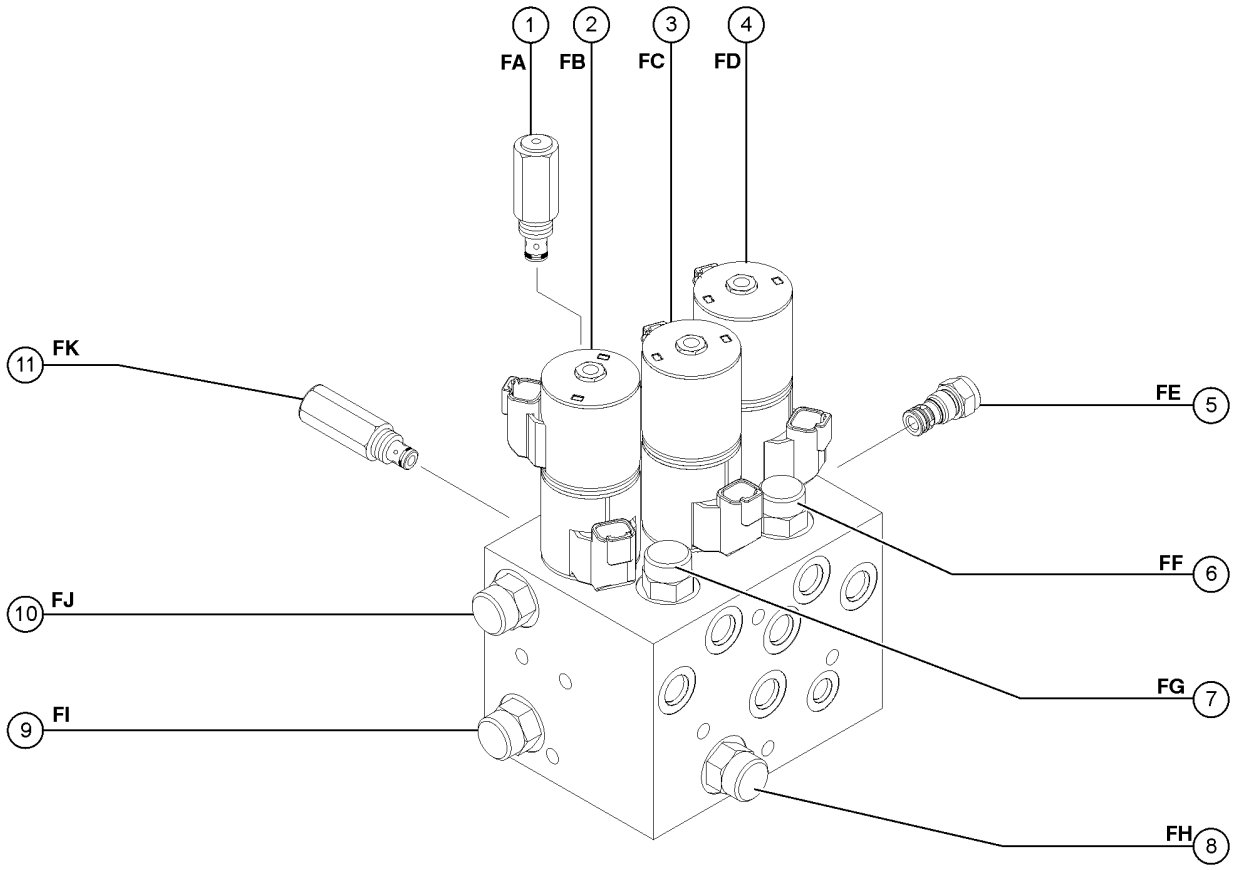
Item	Part No.	Description	Qty.
A-	70241GT	MANIFOLD,TRACTION,4WD (complete)	
1	27836GT	VALVE,CHECK,5 PSI HA, Anti-cavitation	
1-	110194GT	SEAL KIT, VALVE, #10	
2	77489GT	VALVE,SOLENOID 2 POS.3 WAY HB, Two-speed drive motor shift	
2-	72043GT	SEAL KIT,SOLENOID VALVE	
3	77489GT	VALVE,SOLENOID 2 POS.3 WAY HC, Brake release	
3-	72043GT	SEAL KIT,SOLENOID VALVE	
4	69873GT	VALVE, CHECK HD, Keeps brakes released in case of temporary loss of charge pressure	
4-	74902GT	SEAL KIT, VALVE	
5	27761GT	VALVE,SHUTTLE HE, Charge pressure circuit that directs hot oil out of low pressure side of drive pump	
5-	84134GT	SEAL KIT, VALVE	
6	62253GT	VALVE,RELIEF,250 PSI HF, Charge pressure circuit	
6-	74902GT	SEAL KIT, VALVE	
7	102496GT	ORIFICE,PLUG 0.030 HG, Brake and two-speed circuit	
8	69873GT	VALVE, CHECK HH, Anti-cavitation	
8-	74902GT	SEAL KIT, VALVE	
9	27836GT	VALVE,CHECK,5 PSI HI, Anti-cavitation	
9-	110194GT	SEAL KIT, VALVE, #10	
10	62252GT	VALVE, FLOW DIVIDER COMBINER HJ, Controls flow to square end drive motors in forward and reverse	
10-	84135GT	SEAL KIT, VALVE	
11	69873GT	VALVE, CHECK HK, Anti-cavitation	
11-	74902GT	SEAL KIT, VALVE	
12	52723GT	VALVE-FLOW REGULATOR 2 GPM HL, Equalizes pressure on both sides of divider/combiner valve FJ	
12-	89310GT	SEAL KIT, SOLENOID VALVE	
13	52723GT	VALVE-FLOW REGULATOR 2 GPM HM, Equalizes pressure on both sides of divider/combiner valve FQ	
13-	89310GT	SEAL KIT, SOLENOID VALVE	
14	52723GT	VALVE-FLOW REGULATOR 2 GPM HN, Equalizes pressure on both sides of divider/combiner valve FQ	
14-	89310GT	SEAL KIT, SOLENOID VALVE	

702.2 Traction Manifold, 4WD, S-120HD



Item	Part No.	Description	Qty.
15	69873GT	VALVE, CHECK HO, Anti-cavitation	
15-	74902GT	SEAL KIT, VALVE	
16	62252GT	VALVE, FLOW DIVIDER COMBINER HP, Controls flow to circle end drive motors in forward and reverse	
16-	84135GT	SEAL KIT, VALVE	
17	52726GT	VALVE,FLOW DIVIDER/COMBINER HQ, Controls flow to divider/combiner valves FJ and FP	
17-	84135GT	SEAL KIT, VALVE	
18	69873GT	VALVE, CHECK HR, Anti-cavitation	
18-	74902GT	SEAL KIT, VALVE	

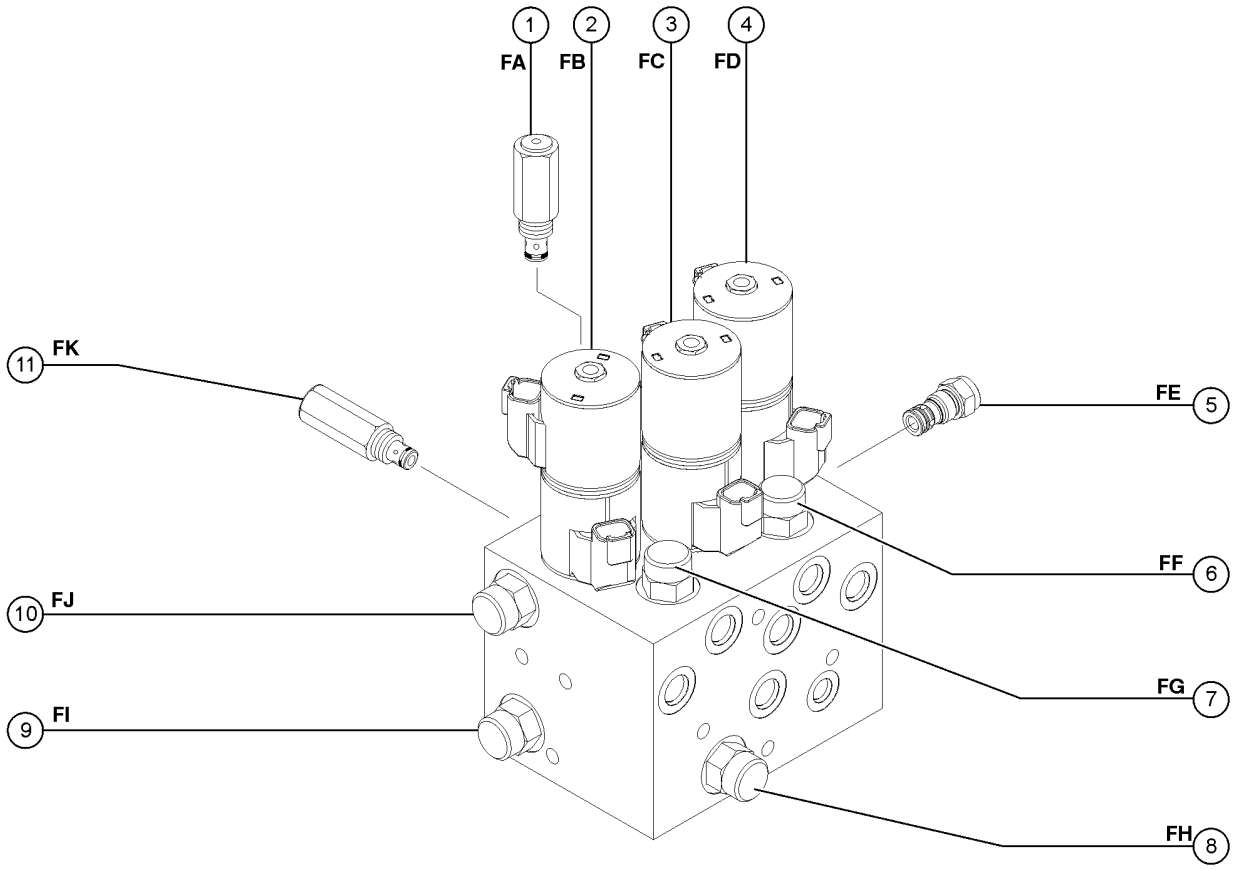
703.1 Steer and Axle Extend/Retract Manifold, 2WS, S-100HD



703.1 Steer and Axle Extend/Retract Manifold, 2WS, S-100HD

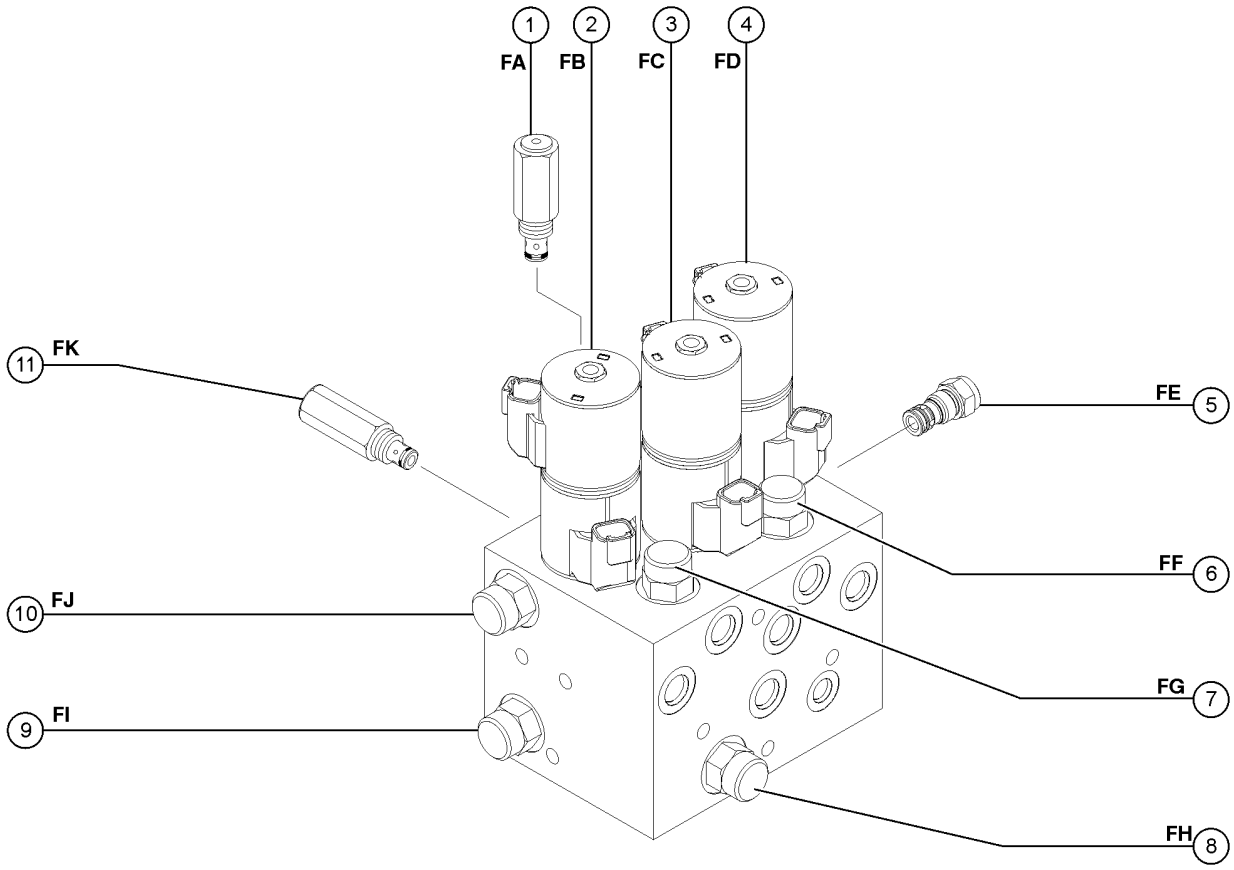
Item	Part No.	Description	Qty.
-	149102GT	MANIFOLD,2WS,AXLE EXT/RET (complete)	
1	52374GT	VALVE,RELIEF,3000PSI,GS68PUMP1 FA, Steering pressure limit	
1-	44227GT	SEAL KIT, VALVE	
2	T107733GT	SOLENOID VLV,5PRT DIR,W/LS PRT FB, Steering cylinder speed, right side, extend/retract	
2-	97469GT	COIL#10 E-COIL,10V ZENER DIODE	2
2-	T107737GT	CHECK VALVE, DROP IN STYLE	
2-	84514GT	SEAL KIT (84515 & 150104)	
2-	44174GT	NUT-COIL SHORT	
2-	97373GT	E-COIL WASHER,#10,DUAL COIL	
3	T107734GT	SOLENOID VLV,5PRT DIR,W/LS PRT FC, Axle extend	
3-	97469GT	COIL#10 E-COIL,10V ZENER DIODE	2
3-	84514GT	SEAL KIT (84515 & 150104)	
3-	44174GT	NUT-COIL SHORT	
3-	97373GT	E-COIL WASHER,#10,DUAL COIL	
4	T107733GT	SOLENOID VLV,5PRT DIR,W/LS PRT FD, Steering cylinder speed, left side, extend/retract	
4-	97469GT	COIL#10 E-COIL,10V ZENER DIODE	2
4-	T107737GT	CHECK VALVE, DROP IN STYLE	
4-	84514GT	SEAL KIT (84515 & 150104)	
4-	44174GT	NUT-COIL SHORT	
4-	97373GT	E-COIL WASHER,#10,DUAL COIL	
5	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* FE, Steering cylinder speed	
5-	44228GT	SEAL KIT, VALVE	
6	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* FF, Flow regulator, rod side	
6-	44227GT	SEAL KIT, VALVE	
7	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* FG, Flow regulator, rod side	
7-	44227GT	SEAL KIT, VALVE	
8	62324GT	VALVE,FLOW CONTROL, 0.1GPM* FH, Circuit bleed	
8-	44228GT	SEAL KIT, VALVE	

703.1 Steer and Axle Extend/Retract Manifold, 2WS, S-100HD



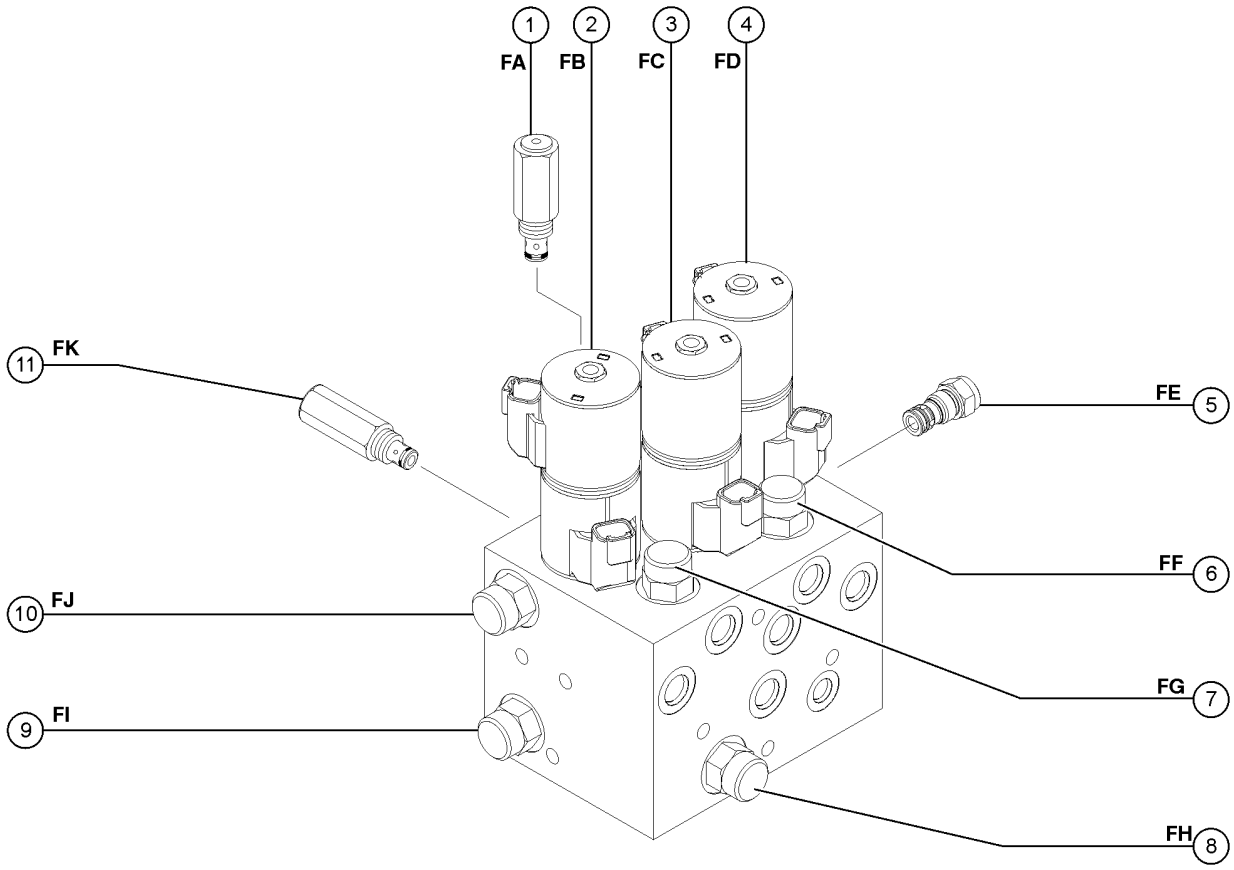
Item	*Part No.*	*Description*	*Qty.*
9	T107736GT	DIFFERENTIAL SENS VLV,8,150PSI FI, Flow regulator, steering cylinder	
9-	52371GT	SEAL KIT, VALVE	
10	62324GT	VALVE,FLOW CONTROL, 0.1GPM* FJ, Steering cylinder speed, square end, right side, retract	
10-	44228GT	SEAL KIT, VALVE	
11	T107735GT	RELIEF VALVE 1800 PSI, IN-2 OUT-1 FK, Flow regulator, rod side	
11-	44227GT	SEAL KIT, VALVE	

703.2 Steer and Axle Extend/Retract Manifold, 2WS, S-120HD



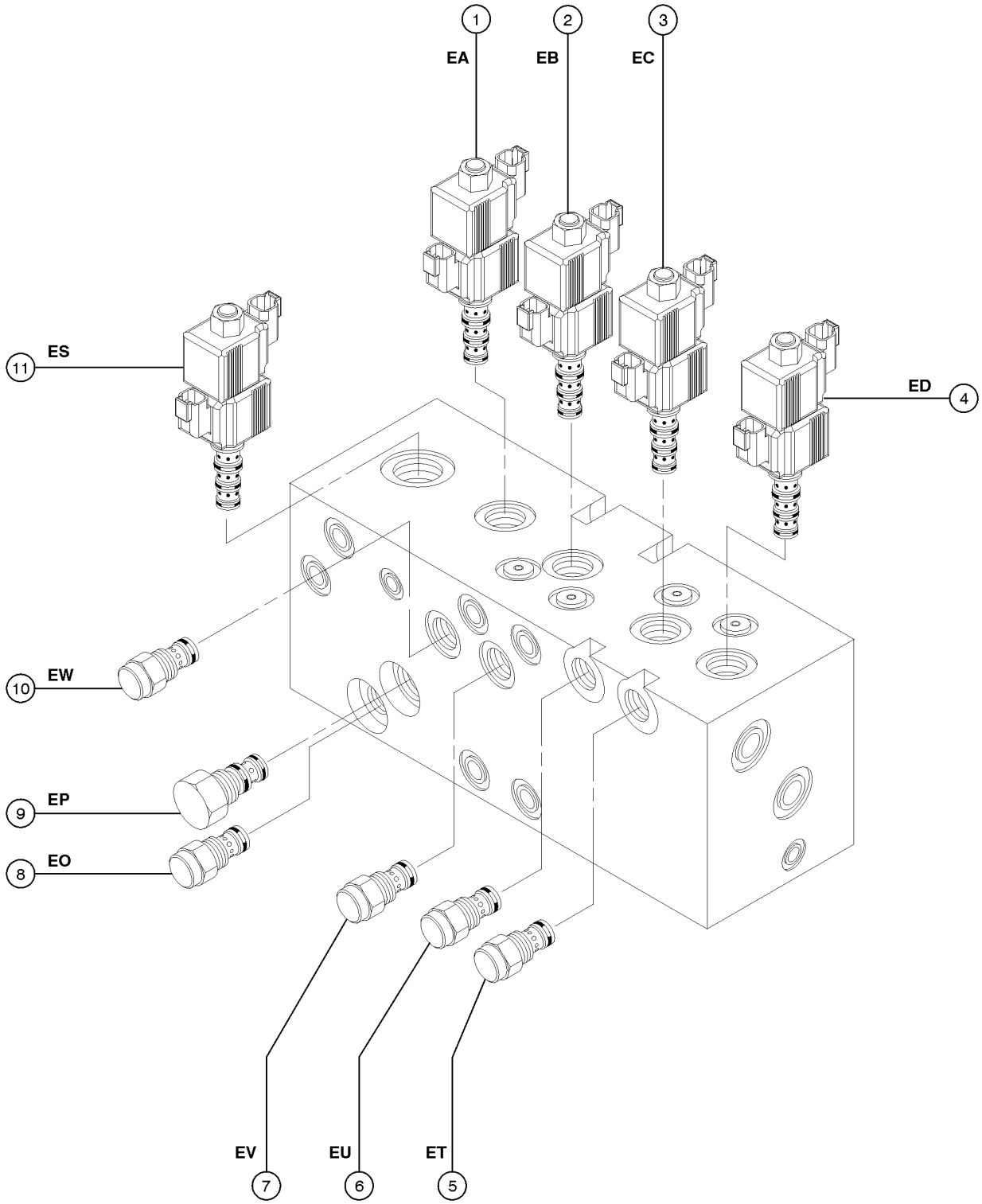
Item	Part No.	Description	Qty.
-	149102GT	MANIFOLD,2WS,AXLE EXT/RET (complete)	
1	52374GT	VALVE,RELIEF,3000PSI,GS68PUMP1 FA, Steering pressure limit	
1-	44227GT	SEAL KIT, VALVE	
2	T107733GT	SOLENOID VLV,5PRT DIR,W/LS PRT FB, Steering cylinder speed, right side, extend/retract	
2-	97469GT	COIL#10 E-COIL,10V ZENER DIODE	2
2-	T107737GT	CHECK VALVE, DROP IN STYLE	
2-	84514GT	SEAL KIT (84515 & 150104)	
2-	44174GT	NUT-COIL SHORT	
2-	97373GT	E-COIL WASHER,#10,DUAL COIL	
3	T107734GT	SOLENOID VLV,5PRT DIR,W/LS PRT FC, Axle extend	
3-	97469GT	COIL#10 E-COIL,10V ZENER DIODE	2
3-	84514GT	SEAL KIT (84515 & 150104)	
3-	44174GT	NUT-COIL SHORT	
3-	97373GT	E-COIL WASHER,#10,DUAL COIL	
4	T107733GT	SOLENOID VLV,5PRT DIR,W/LS PRT FD, Steering cylinder speed, left side, extend/retract	
4-	97469GT	COIL#10 E-COIL,10V ZENER DIODE	2
4-	T107737GT	CHECK VALVE, DROP IN STYLE	
4-	84514GT	SEAL KIT (84515 & 150104)	
4-	44174GT	NUT-COIL SHORT	
4-	97373GT	E-COIL WASHER,#10,DUAL COIL	
5	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* FE, Steering cylinder speed	
5-	44228GT	SEAL KIT, VALVE	
6	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* FF, Flow regulator, rod side	
6-	44227GT	SEAL KIT, VALVE	
7	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* FG, Flow regulator, rod side	
7-	44227GT	SEAL KIT, VALVE	
8	62324GT	VALVE,FLOW CONTROL, 0.1GPM* FH, Circuit bleed	
8-	44228GT	SEAL KIT, VALVE	

703.2 Steer and Axle Extend/Retract Manifold, 2WS, S-120HD



Item	*Part No.*	*Description*	*Qty.*
9	T107736GT	DIFFERENTIAL SENS VLV,8,150PSI FI, Flow regulator, steering cylinder	
9-	52371GT	SEAL KIT, VALVE	
10	62324GT	VALVE,FLOW CONTROL, 0.1GPM* FJ, Steering cylinder speed, square end, right side, retract	
10-	44228GT	SEAL KIT, VALVE	
11	T107735GT	RELIEF VALVE 1800 PSI, IN-2 OUT-1 FK, Flow regulator, rod side	
11-	44227GT	SEAL KIT, VALVE	

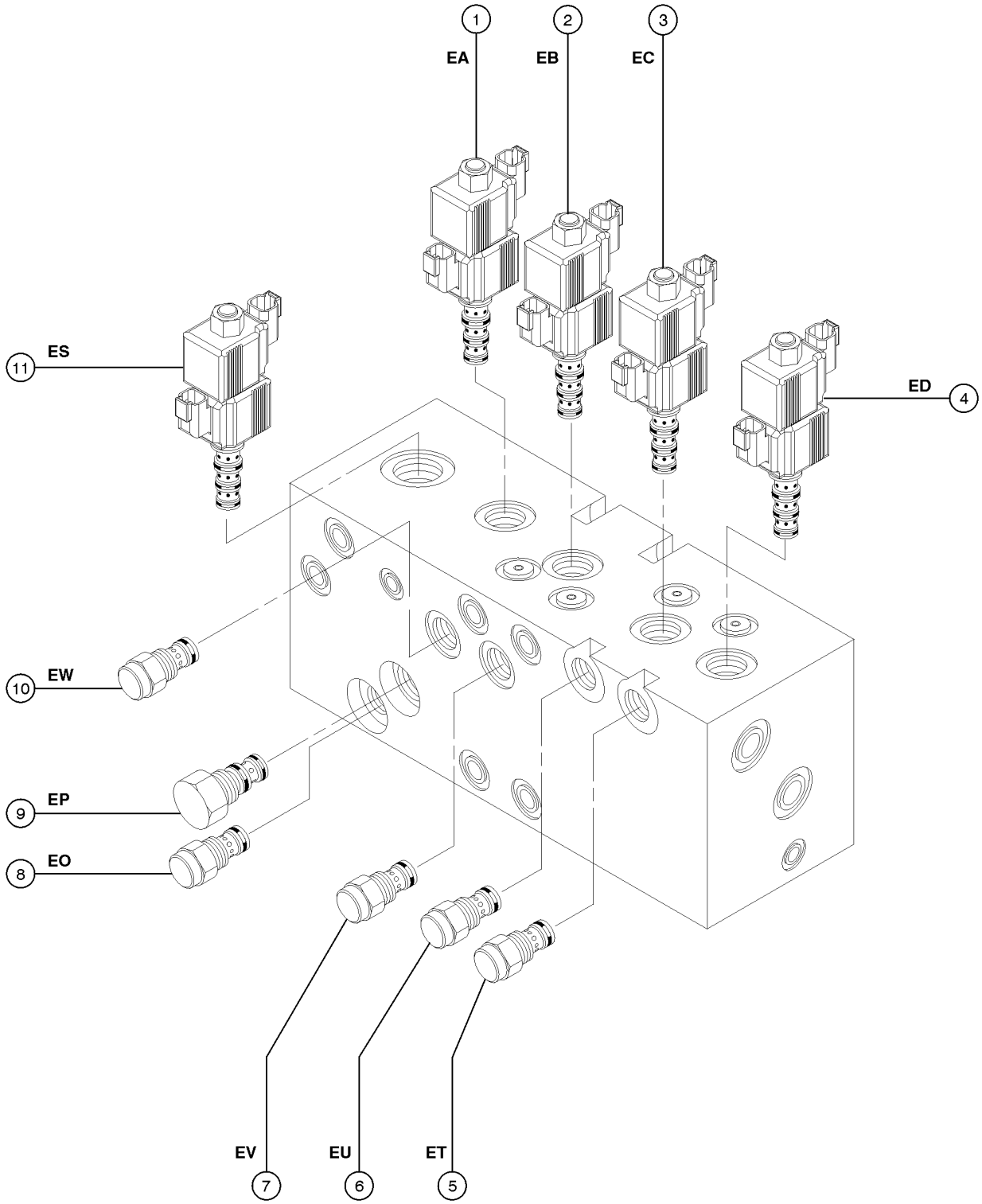
704.1 Steer and Axle Extend/Retract Manifold, 4WS - View 1, S-100HD



704.1 Steer and Axle Extend/Retract Manifold, 4WS - View 1, S-100HD

Item	Part No.	Description	Qty.
A-	102701GT	MANIFOLD,4 WHEEL STEER	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** EA, Steering cylinder control, square end, right side	
1-	44229GT	SEAL KIT, VALVE	
1-	44236GT	SPACER-DUAL COIL,#8***	
1-	44174GT	NUT-COIL SHORT	
1-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** EB, Steering cylinder control, square end, left side	
2-	44229GT	SEAL KIT, VALVE	
2-	44236GT	SPACER-DUAL COIL,#8***	
2-	44174GT	NUT-COIL SHORT	
2-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
3	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** EC, Steering cylinder control, round end, right side	
3-	44229GT	SEAL KIT, VALVE	
3-	44236GT	SPACER-DUAL COIL,#8***	
3-	44174GT	NUT-COIL SHORT	
3-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
4	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** ED, Steering cylinder control, round end left side	
4-	44229GT	SEAL KIT, VALVE	
4-	44236GT	SPACER-DUAL COIL,#8***	
4-	44174GT	NUT-COIL SHORT	
4-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
5	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* ET, Steering cylinder speed, round end, right side, retract	
5-	44227GT	SEAL KIT, VALVE	
6	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* EU, Steering cylinder speed, round end, left side, extend	
6-	44227GT	SEAL KIT, VALVE	
7	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* EV, Steering cylinder speed, square end, right side, extend	
7-	44227GT	SEAL KIT, VALVE	
8	62324GT	VALVE,FLOW CONTROL, 0.1GPM* EO, Bleeds off differential valve to tank	

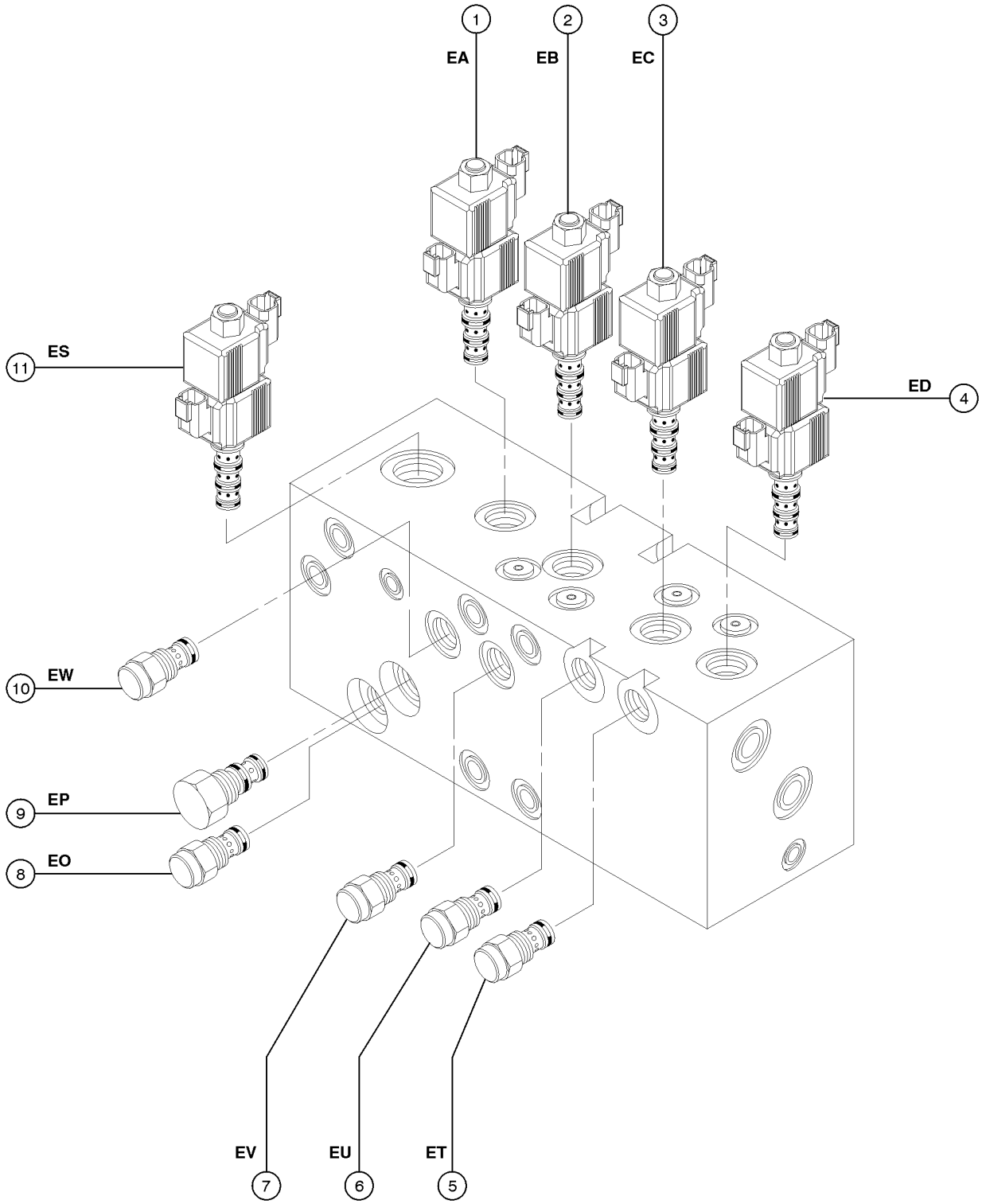
704.1 Steer and Axle Extend/Retract Manifold, 4WS - View 1, S-100HD



704.1 Steer and Axle Extend/Retract Manifold, 4WS - View 1, S-100HD

Item	*Part No.*	*Description*	*Qty.*
8-	44227GT	SEAL KIT, VALVE	
9	62323GT	VALVE,DIFFERENTIAL SENSE110PSI EP, Meters flow to functions sensing	
9-	62337GT	SEAL KIT, VALVE	
10	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* EW, Steering cylinder speed, square end, left side, retract	
10-	44227GT	SEAL KIT, VALVE	
11	62330GT	VALVE,SOLENOID,3POS 4WAY*** ES, Axle extend control	
11-	44230GT	SEAL KIT-P.N.44169,44172,44171	
11-	44175GT	SPACER-DUAL COIL,#10, SCISSORS	
11-	44174GT	NUT-COIL SHORT	
11-	104760GT	COIL,12VDC #10DTSCH IP69 ECOIL	

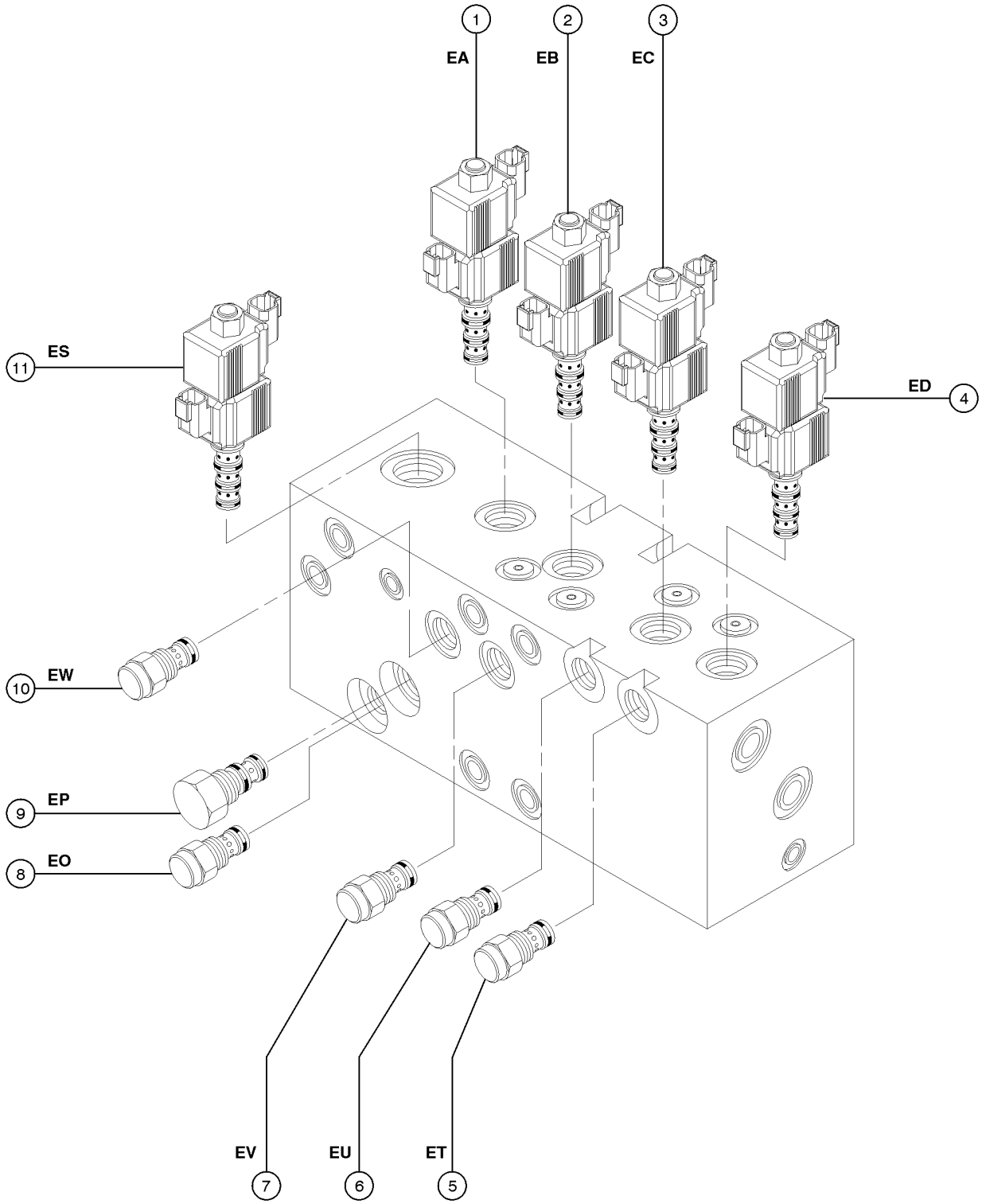
704.2 Steer and Axle Extend/Retract Manifold, 4WS - View 1, S-120HD



704.2 Steer and Axle Extend/Retract Manifold, 4WS - View 1, S-120HD

Item	Part No.	Description	Qty.
A-	102701GT	MANIFOLD,4 WHEEL STEER	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** EA, Steering cylinder control, square end, right side	
1-	44229GT	SEAL KIT, VALVE	
1-	44236GT	SPACER-DUAL COIL,#8***	
1-	44174GT	NUT-COIL SHORT	
1-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
2	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** EB, Steering cylinder control, square end, left side	
2-	44229GT	SEAL KIT, VALVE	
2-	44236GT	SPACER-DUAL COIL,#8***	
2-	44174GT	NUT-COIL SHORT	
2-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
3	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** EC, Steering cylinder control, round end, right side	
3-	44229GT	SEAL KIT, VALVE	
3-	44236GT	SPACER-DUAL COIL,#8***	
3-	44174GT	NUT-COIL SHORT	
3-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
4	39346GT	VALVE,SOLENOID 3 POS.4 WAY*** ED, Steering cylinder control, round end left side	
4-	44229GT	SEAL KIT, VALVE	
4-	44236GT	SPACER-DUAL COIL,#8***	
4-	44174GT	NUT-COIL SHORT	
4-	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
5	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* ET, Steering cylinder speed, round end, right side, retract	
5-	44227GT	SEAL KIT, VALVE	
6	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* EU, Steering cylinder speed, round end, left side, extend	
6-	44227GT	SEAL KIT, VALVE	
7	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* EV, Steering cylinder speed, square end, right side, extend	
7-	44227GT	SEAL KIT, VALVE	
8	62324GT	VALVE,FLOW CONTROL, 0.1GPM* EO, Bleeds off differential valve to tank	

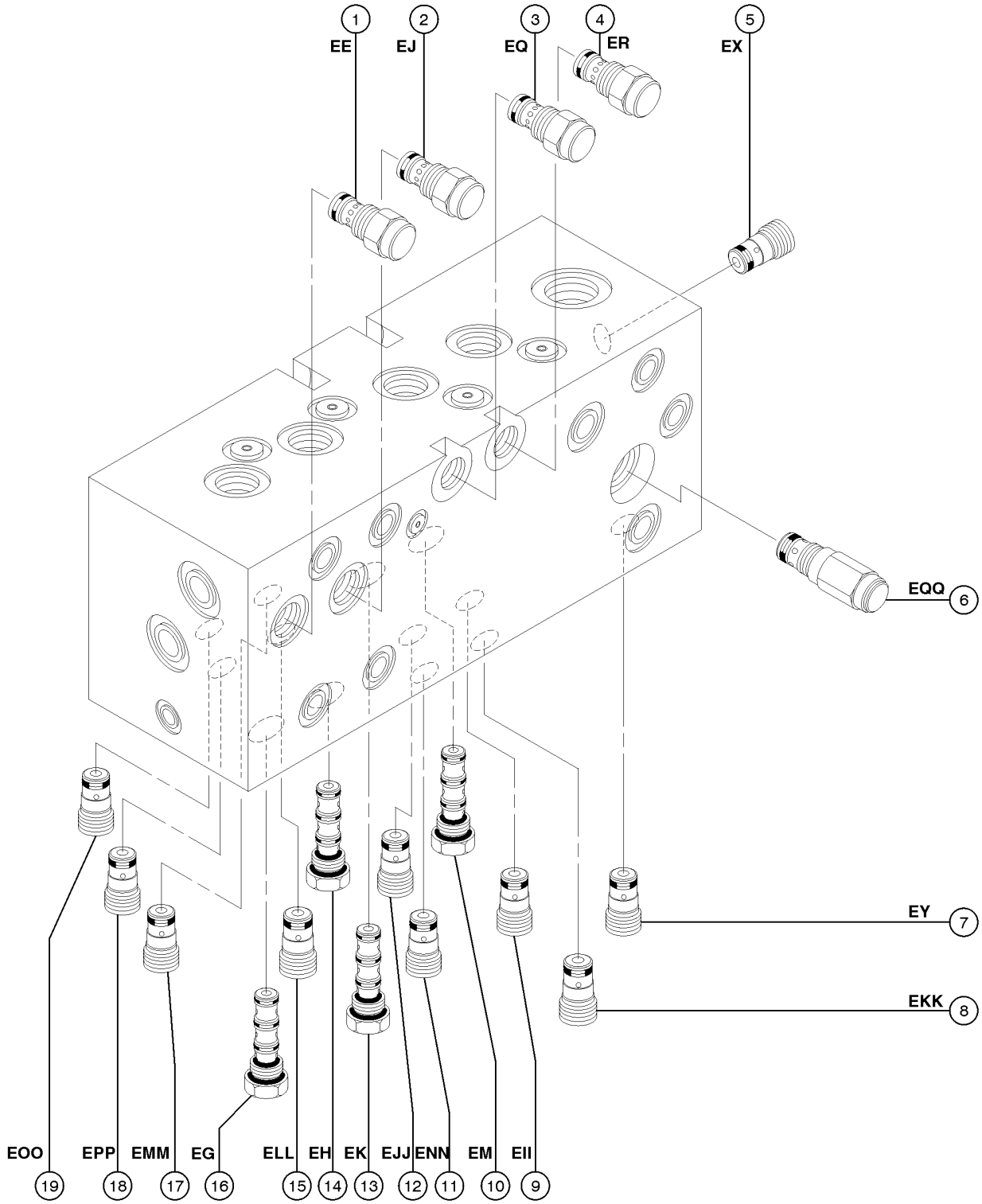
704.2 Steer and Axle Extend/Retract Manifold, 4WS - View 1, S-120HD



704.2 Steer and Axle Extend/Retract Manifold, 4WS - View 1, S-120HD

Item	Part No.	Description	Qty.
8-	44227GT	SEAL KIT, VALVE	
9	62323GT	VALVE,DIFFERENTIAL SENSE110PSI EP, Meters flow to functions sensing	
9-	62337GT	SEAL KIT, VALVE	
10	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* EW, Steering cylinder speed, square end, left side, retract	
10-	44227GT	SEAL KIT, VALVE	
11	62330GT	VALVE,SOLENOID,3POS 4WAY*** ES, Axle extend control	
11-	44230GT	SEAL KIT-P.N.44169,44172,44171	
11-	44175GT	SPACER-DUAL COIL,#10, SCISSORS	
11-	44174GT	NUT-COIL SHORT	
11-	104760GT	COIL,12VDC #10DTSCH IP69 ECOIL	

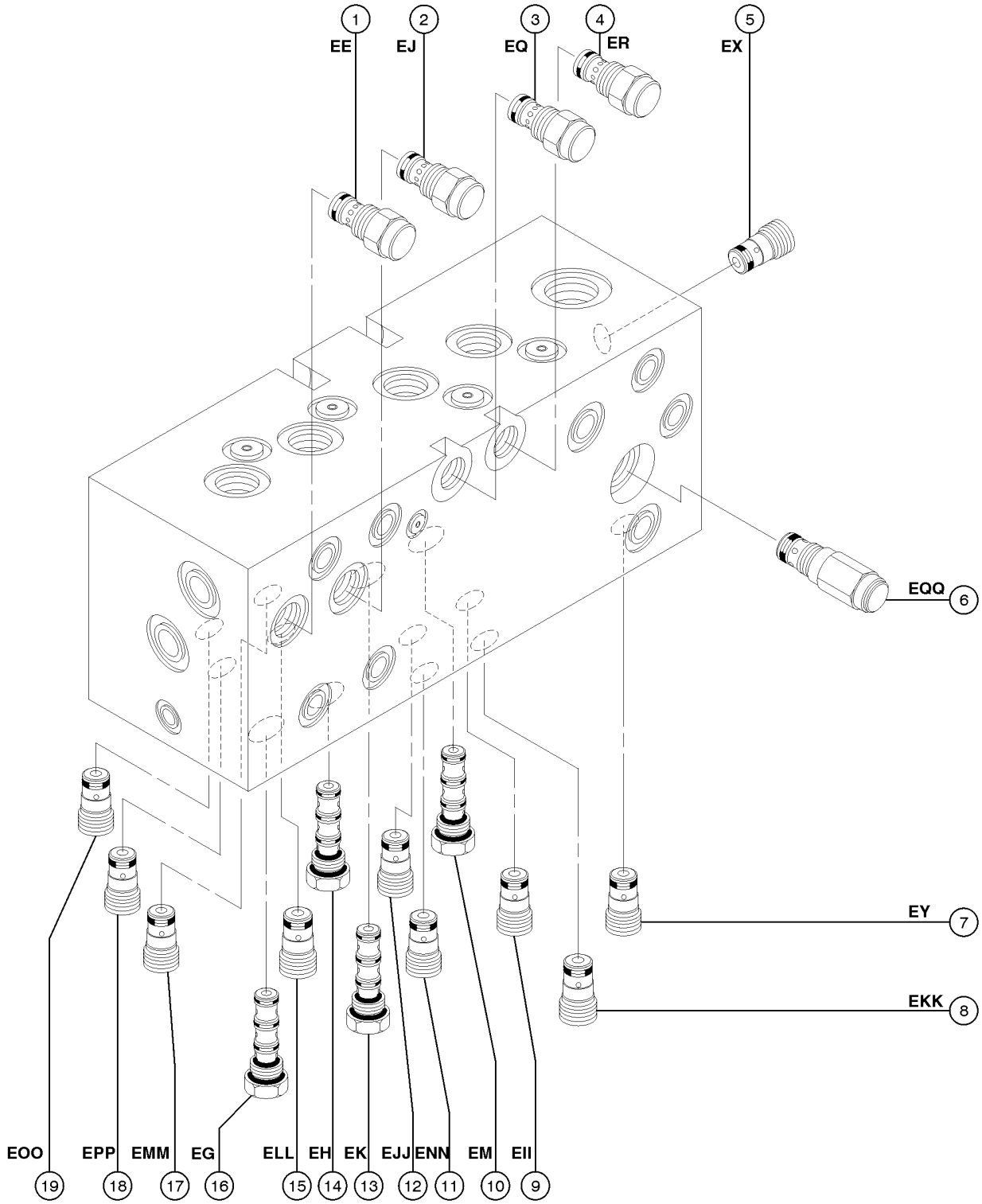
705.1 Steer and Axle Extend/Retract Manifold, 4WS - View 2, S-100HD



705.1 Steer and Axle Extend/Retract Manifold, 4WS - View 2, S-100HD

Item	Part No.	Description	Qty.
A-	102701GT	MANIFOLD,4 WHEEL STEER	
1	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* EE, Steering cylinder speed	
1-	44227GT	SEAL KIT, VALVE	
2	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* EJ, Steering cylinder speed, circle end, left side, retract	
2-	44227GT	SEAL KIT, VALVE	
3	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* EQ, Steering cylinder speed, square end, right side, retract	
3-	44227GT	SEAL KIT, VALVE	
4	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* ER, Steering cylinder speed, square end, left side, extend	
4-	44227GT	SEAL KIT, VALVE	
5	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EX, Axle extend load sense, both ends	
5-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
6	62365GT	VALVE,RELIEF,1800 PSI,AXLE EXT EQQ, Axle extend	
6-	44227GT	SEAL KIT, VALVE	
7	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EY, Axle retract load sense, both ends	
7-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
8	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EKK, Steering load sense, square end, right side, extend	
8-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
9	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EII, Steering load sense, square end, right side, retract	
9-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
10	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI EM, Steering cylinder lock, square end, right side, extend/retract	
11	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* ENN, Steering load sense, square end, left side, retract	
11-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
12	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EJJ, Steering load sense, square end, left side, extend	
12-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
13	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI EK, Steering cylinder lock, square end, left side, extend/retract	
14	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI EH, Steering cylinder lock, circle end, right side, extend/retract	
15	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* ELL, Steering load sense, circle end, right side, retract	
15-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	

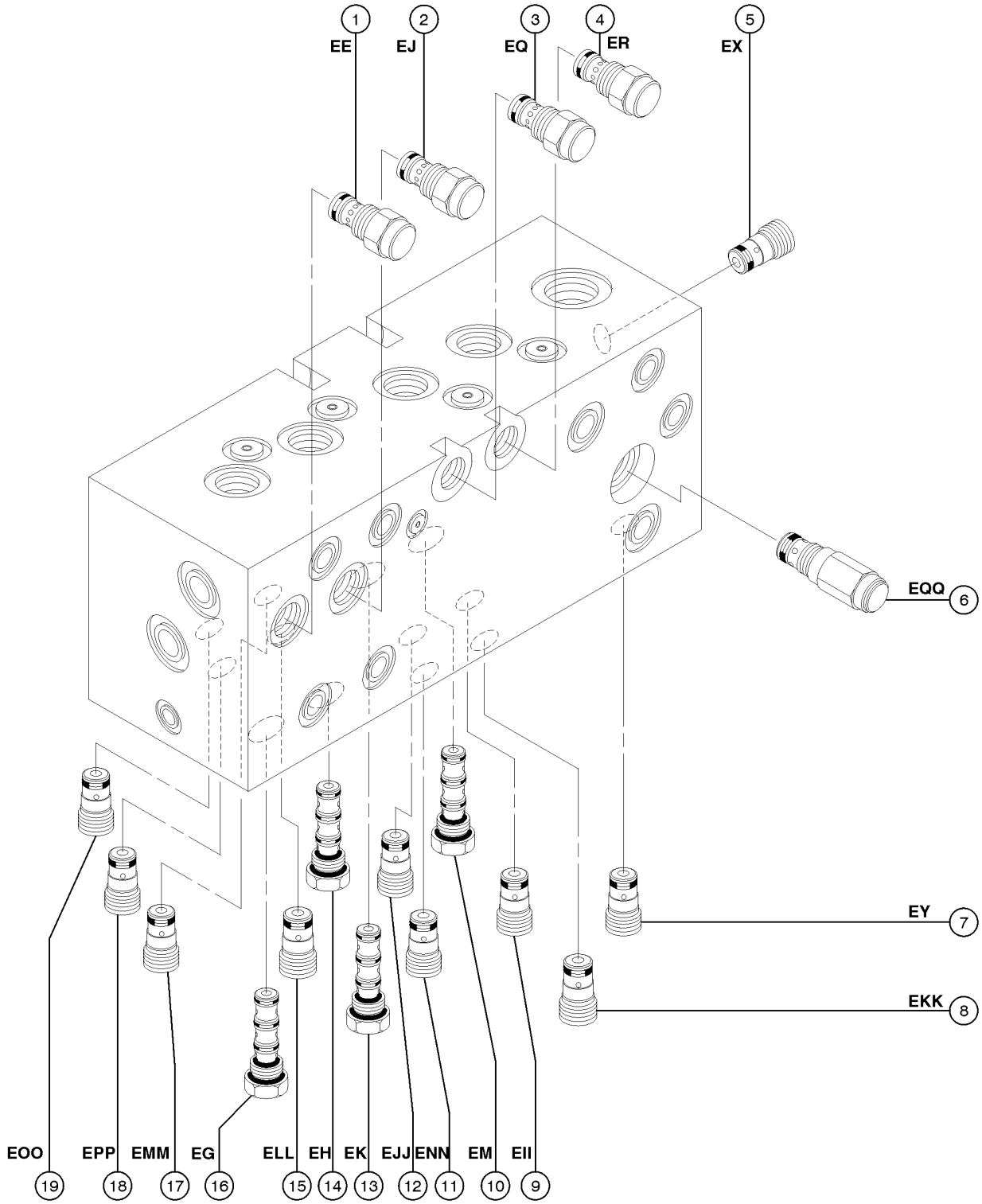
705.1 Steer and Axle Extend/Retract Manifold, 4WS - View 2, S-100HD



705.1 Steer and Axle Extend/Retract Manifold, 4WS - View 2, S-100HD

Item	*Part No.*	*Description*	*Qty.*
16	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI EG, Steering cylinder lock, circle end, left side, extend/retract	
17	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EMM, Steering load sense, circle end, right side, extend	
17-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
18	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EPP, Steering load sense, circle end, left side, extend	
18-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
19	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EOO, Steering load sense, circle end, left side, retract	
19-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	

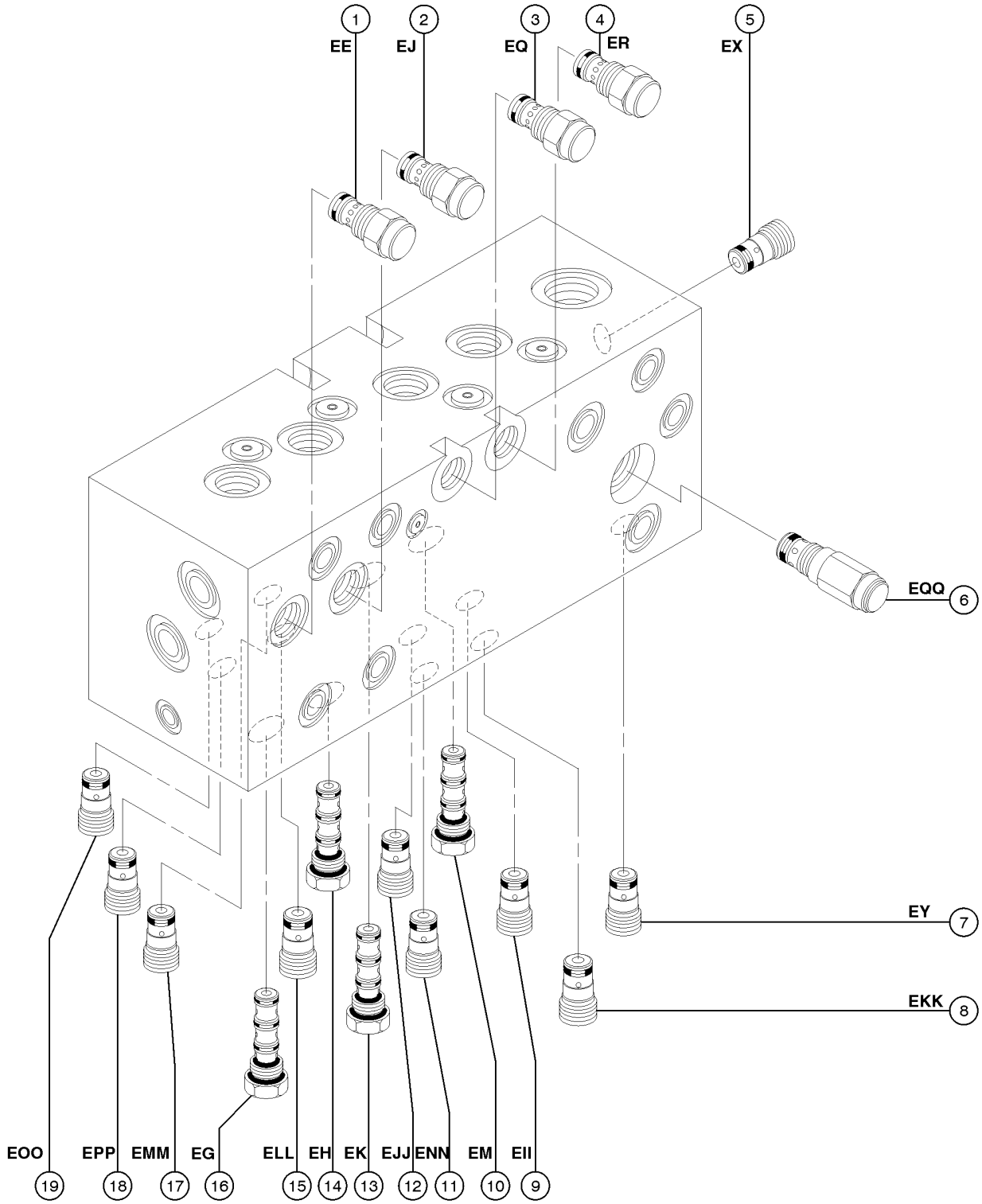
705.2 Steer and Axle Extend/Retract Manifold, 4WS - View 2, S-120HD



705.2 Steer and Axle Extend/Retract Manifold, 4WS - View 2, S-120HD

Item	Part No.	Description	Qty.
A-	102701GT	MANIFOLD,4 WHEEL STEER	
1	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* EE, Steering cylinder speed	
1-	44227GT	SEAL KIT, VALVE	
2	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* EJ, Steering cylinder speed, circle end, left side, retract	
2-	44227GT	SEAL KIT, VALVE	
3	62347GT	VALVE-FLOW REGULATOR, 1.4 GPM* EQ, Steering cylinder speed, square end, right side, retract	
3-	44227GT	SEAL KIT, VALVE	
4	62346GT	VALVE,FLOW REGULATOR, 2.0 GPM* ER, Steering cylinder speed, square end, left side, extend	
4-	44227GT	SEAL KIT, VALVE	
5	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EX, Axle extend load sense, both ends	
5-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
6	62365GT	VALVE,RELIEF,1800 PSI,AXLE EXT EQQ, Axle extend	
6-	44227GT	SEAL KIT, VALVE	
7	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EY, Axle retract load sense, both ends	
7-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
8	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EKK, Steering load sense, square end, right side, extend	
8-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
9	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EII, Steering load sense, square end, right side, retract	
9-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
10	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI EM, Steering cylinder lock, square end, right side, extend/retract	
11	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* ENN, Steering load sense, square end, left side, retract	
11-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
12	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EJJ, Steering load sense, square end, left side, extend	
12-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
13	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI EK, Steering cylinder lock, square end, left side, extend/retract	
14	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI EH, Steering cylinder lock, circle end, right side, extend/retract	
15	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* ELL, Steering load sense, circle end, right side, retract	
15-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	

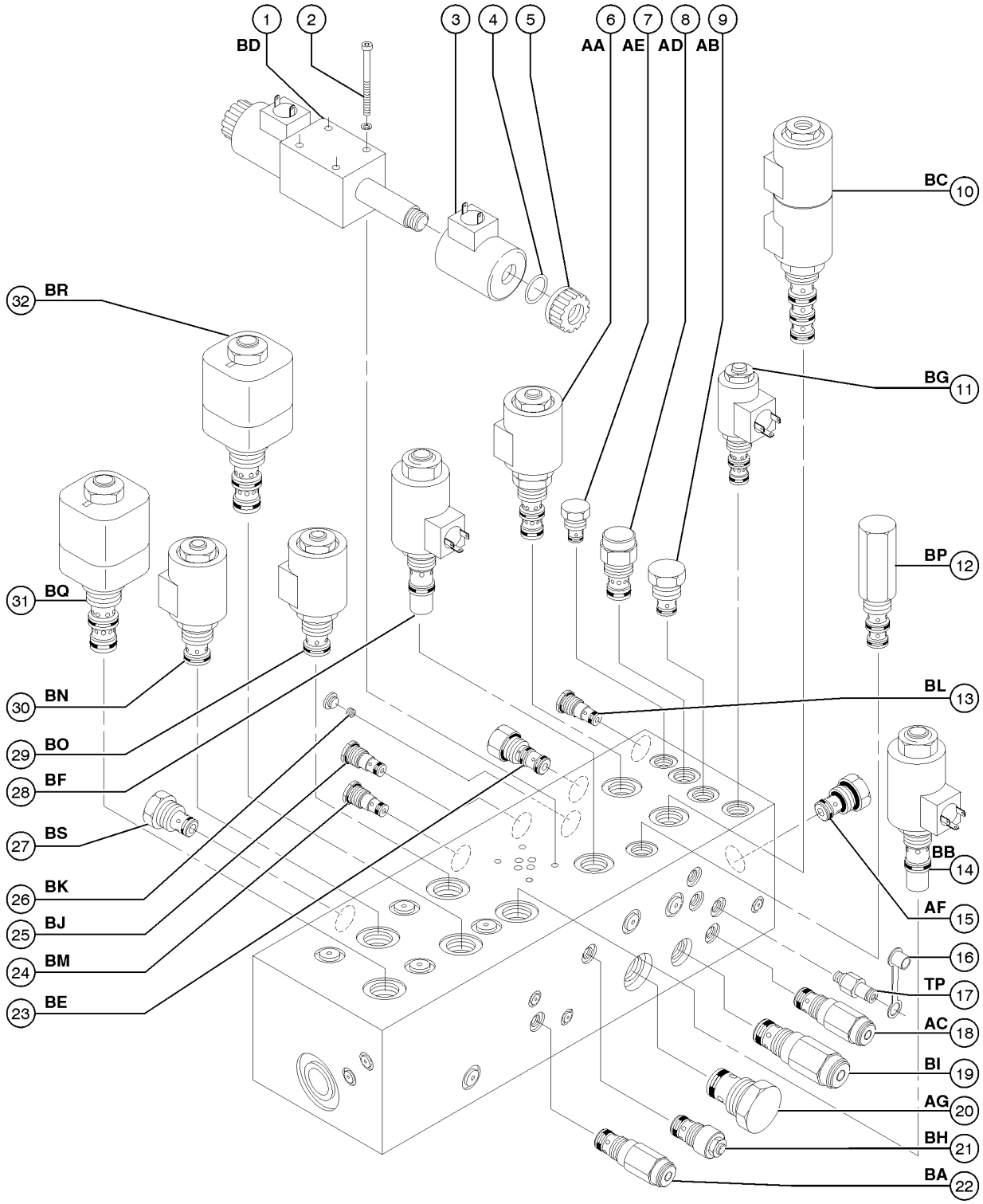
705.2 Steer and Axle Extend/Retract Manifold, 4WS - View 2, S-120HD



705.2 Steer and Axle Extend/Retract Manifold, 4WS - View 2, S-120HD

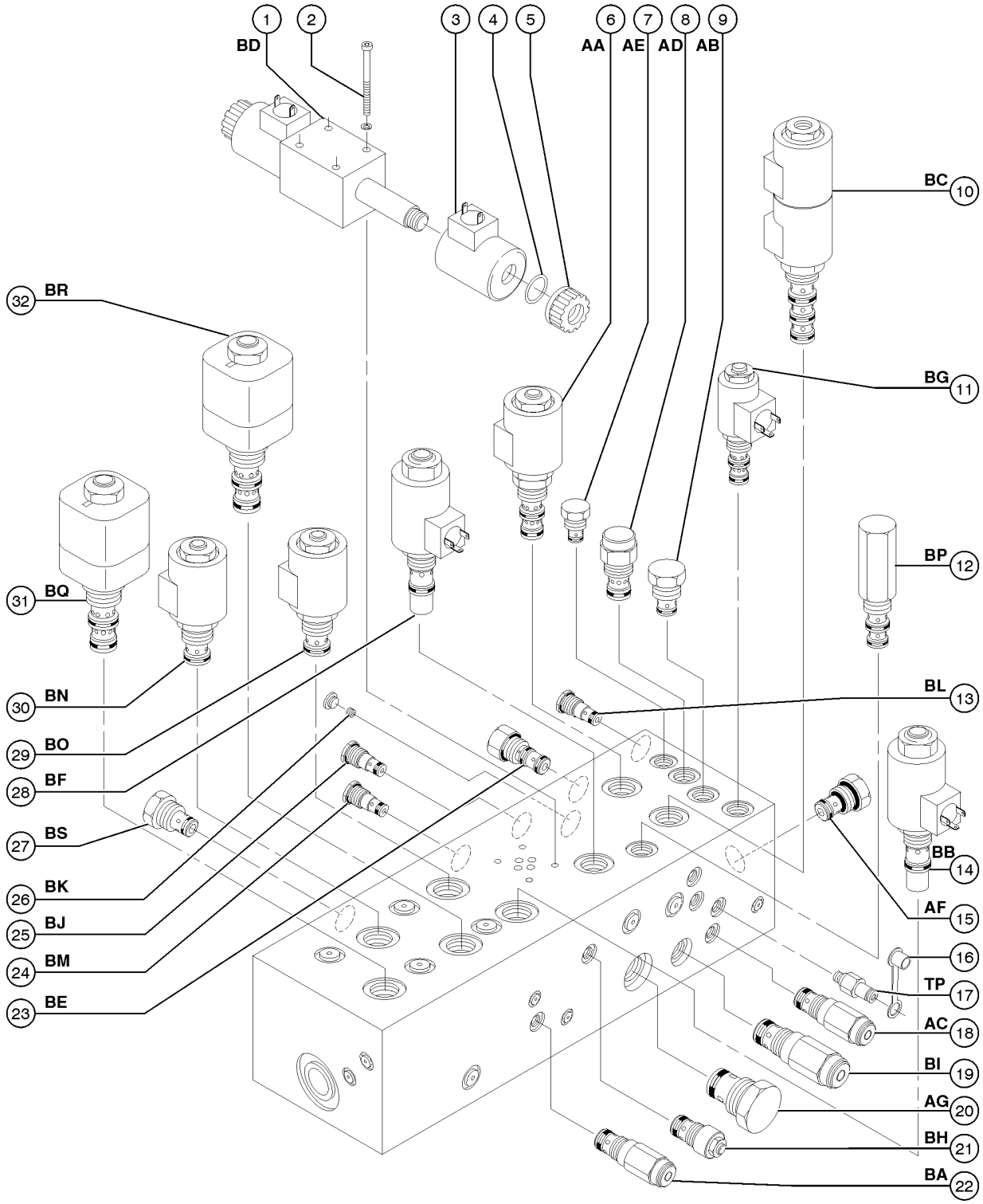
Item	*Part No.*	*Description*	*Qty.*
16	101958GT	VALVE,CHECK,DUAL PILOT,135 PSI EG, Steering cylinder lock, circle end, left side, extend/retract	
17	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EMM, Steering load sense, circle end, right side, extend	
17-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
18	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EPP, Steering load sense, circle end, left side, extend	
18-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
19	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* EOO, Steering load sense, circle end, left side, retract	
19-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	

706.1 Function Manifold, S-120HD



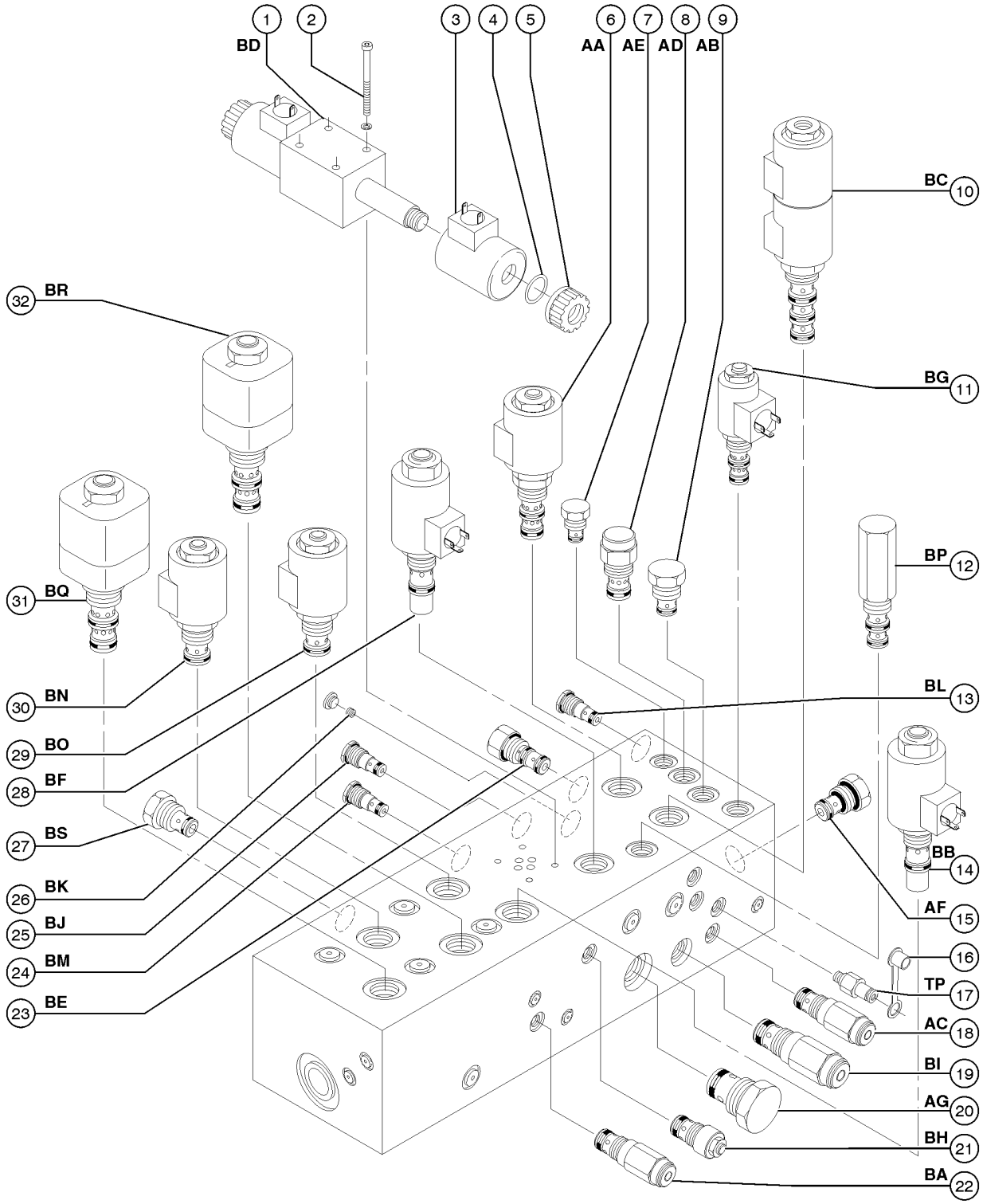
Item	Part No.	Description	Qty.
-	122439GT	MANIFOLD,FUNCTION,S120/125 (complete)	
-	146193GT	HARNESS, TCON J4 MANIFOLD 2009	
1	102394GT	VLV,SOL,DO3,REXROTH,3POS 4 WAY	
1-	102395GT	SEAL KIT,REXROTH DO3 VALVE	
2	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	
3	97388GT	VALVE ASSY,D03,REX,3POS 4WAY	
3-	102398GT	COIL,DIN,REXROTH DO3 VALVE	
4	102395GT	SEAL KIT,REXROTH DO3 VALVE	
5	102396GT	NUT-COIL,REXROTH DO3 VALVE	
6	75458GT	VALVE,SOLENOID,2POS3WAY,SUPRB AA, Auxiliary drive/steer selector	
6-	62337GT	SEAL KIT, VALVE	
6-	62334GT	COIL,62328/62330,SIZE 10,DIN*	
6-	44174GT	NUT-COIL SHORT	
7	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* AE, Blocks flow from pump 2 to auxiliary pump	
7-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
8	75457GT	VALVE-FLOW REGULATOR 3.0 GPM AD, Priority flow to platform	
8-	44225GT	SEAL KIT, VALVE	
9	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI AB, Blocks flow from pump 1 and 2 to auxiliary pump	
9-	44227GT	SEAL KIT, VALVE	
10	62330GT	VALVE,SOLENOID,3POS 4WAY*** BC, Turntable rotate control, left/right	
10-	44230GT	SEAL KIT-P.N.44169,44172,44171	
10-	62334GT	COIL,62328/62330,SIZE 10,DIN*	
10-	44175GT	SPACER-DUAL COIL,#10, SCISSORS	
10-	44174GT	NUT-COIL SHORT	
11	62326GT	VALVE,PROPORTIONAL SOLENOID* BG, Turntable rotate, proportional speed control	
11-	44227GT	SEAL KIT, VALVE	
11-	62349GT	NUT,COIL,PROPORTNL.VALVE	
11-	62332GT	COIL,PROPORTNL.62326,SIZE8,DIN	

706.1 Function Manifold, S-120HD



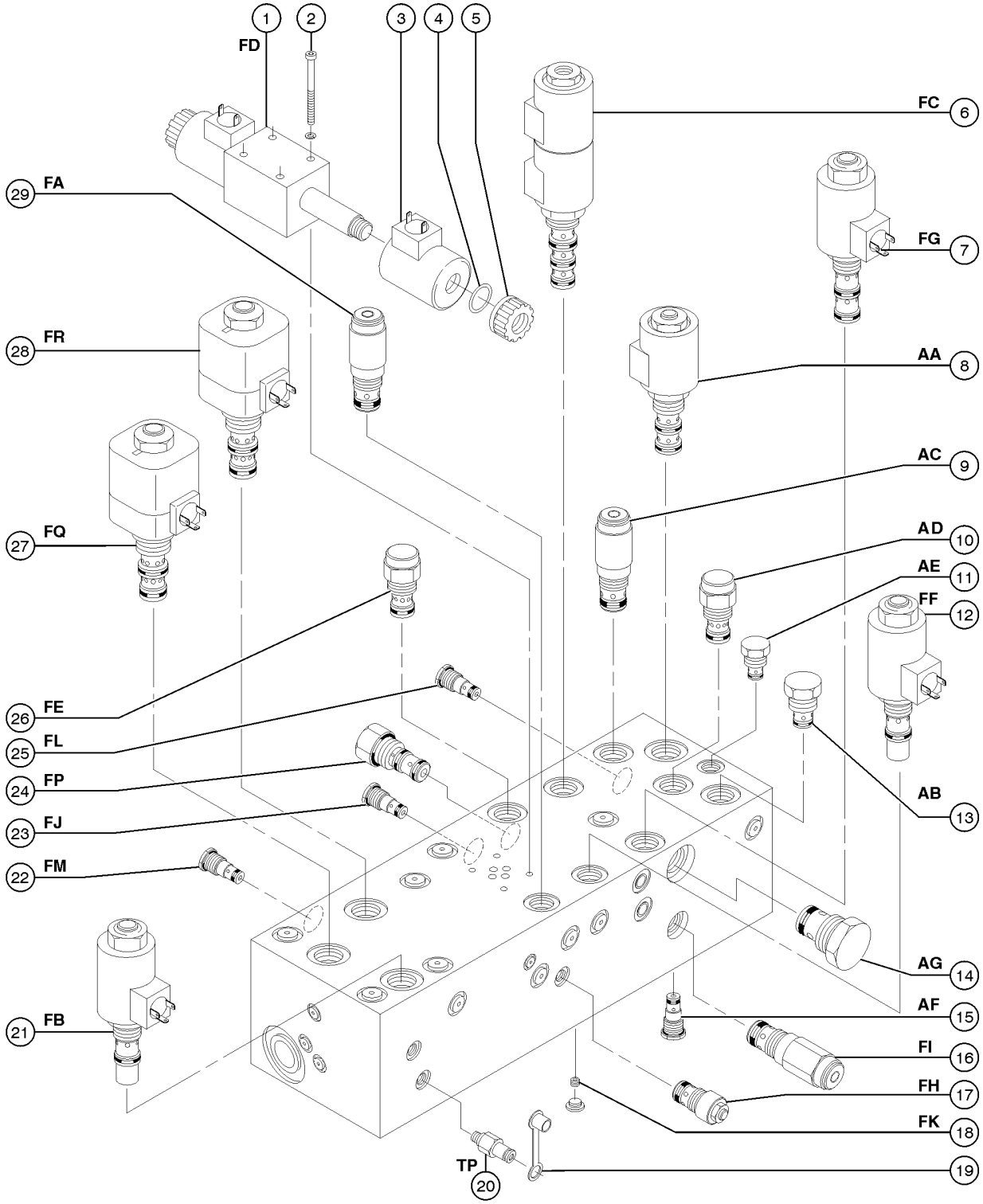
Item	Part No.	Description	Qty.
12	75462GT	VALVE,DIFFERENTIAL SENSE230PSI BP, Directs flow to functions	
12-	62337GT	SEAL KIT, VALVE	
13	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI BL, Turntable rotate load sense check	
13-	44227GT	SEAL KIT, VALVE	
14	75464GT	VALVE,SOLENOID,PROPORT. N.C. BB, Boom extend/retract proportional speed control	
14-	52373GT	SEAL KIT,52372,SOLENOID VALVE	
14-	62335GT	COIL,PROPORTIONAL,62327,DIN	
14-	52466GT	NUT,PROPORTNL. COIL,52372,GS68	
15	44178GT	VALVE,CHECK,5 PSI** AF, Blocks flow from auxiliary pump, ports 2A and 3A to pump 2	
15-	44224GT	SEAL KIT, VALVE	
16	48880GT	CAP,DIAGNOSTIC NIPPLE	
17	48997GT	NIPPLE,DIAGNOSTIC,#4 TP, Testing	
17-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
17-	49207GT	NIPPLE, DIAGNOSTIC, ORFS, FM, SWIV	
18	52374GT	VALVE,RELIEF,3000PSI,GS68PUMP1 AC, Platform manifold pressure limit	
18-	44224GT	SEAL KIT, VALVE	
19	62325GT	VALVE,RELIEF,2600 PSI,SIZE 10 BI, Turntable, primary lift and boom retract pressure limit	
19-	44224GT	SEAL KIT, VALVE	
20	75456GT	VALVE-CHECK SIZE 12(SUPRBOOM)* AG, Blocks flow from auxiliary pump, port 2A to pump 1	
20-	62338GT	SEAL KIT,62328,SIZE 12,2 PORT	
21	65907GT	PLUG,CAVITY,T-11A,1-2 OPEN	
22	52905GT	VALVE-RELIEF,1800 PSI BA, Boom extend pressure limit	
22-	44227GT	SEAL KIT, VALVE	
23	62324GT	VALVE,FLOW CONTROL, 0.1GPM* BE, Leads off differential sensing valve to tank	
23-	44227GT	SEAL KIT, VALVE	
24	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BM, Extension cylinder load sense check	
24-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
25	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* BJ, Primary lift load sense check	

706.1 Function Manifold, S-120HD



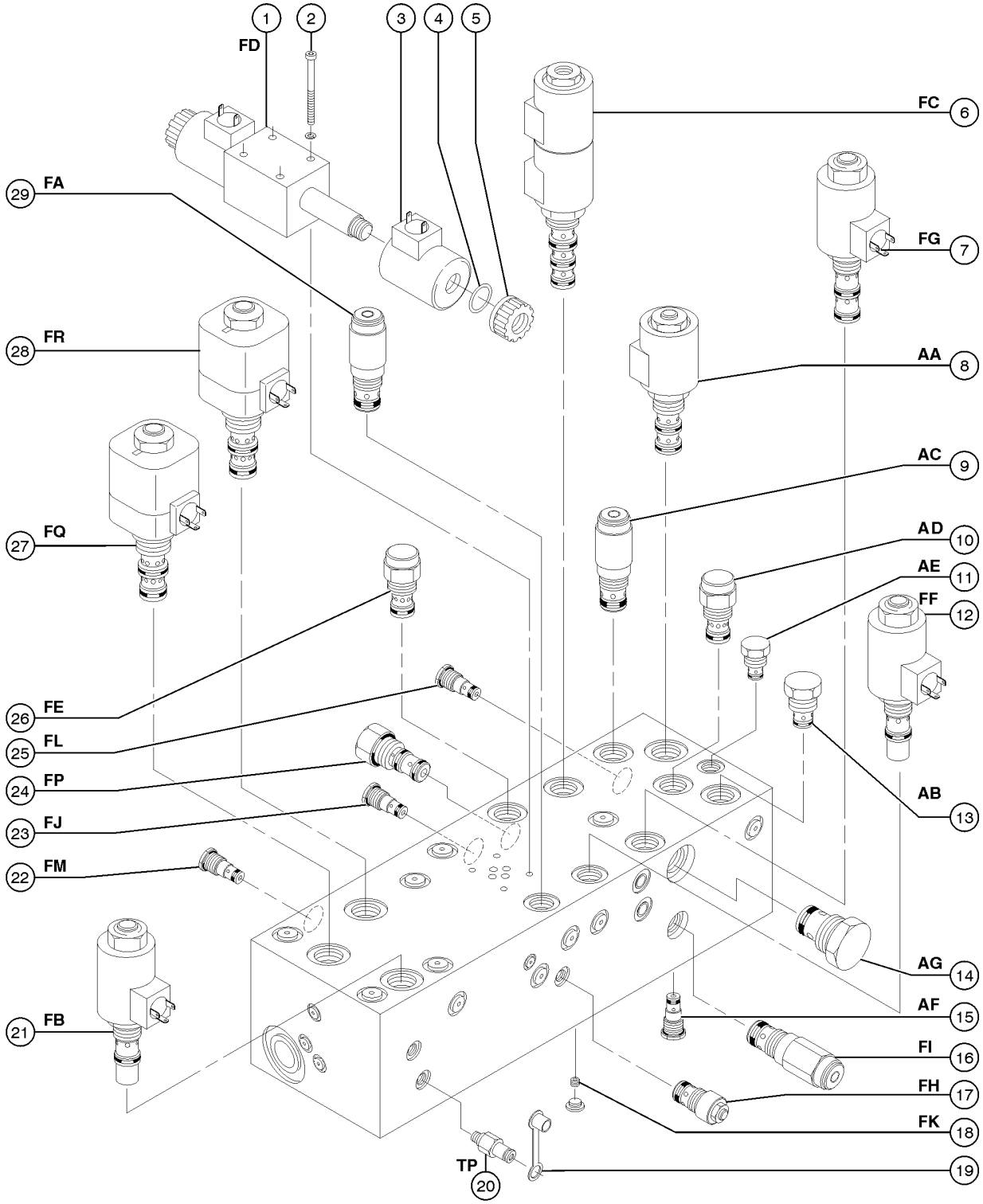
Item	Part No.	Description	Qty.
25-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
26	62336GT	ORIFICE PLUG, 0.040 BK, Differential sensing damping	
27	75465GT	VALVE-CHECK, #12 SAE,30 PSI BS, Back pressure check, boom extend	
27-	62338GT	SEAL KIT,62328,SIZE 12,2 PORT	
28	75464GT	VALVE,SOLENOID,PROPORT. N.C. BF, Primary lift, proportional speed control	
28-	52373GT	SEAL KIT,52372,SOLENOID VALVE	
28-	62335GT	COIL,PROPORTIONAL,62327,DIN	
28-	52466GT	NUT,PROPORTNL. COIL,52372,GS68	
29	62328GT	VALVE,SOLENOID,NC,POPPET* BO, Boom extend sequence control	
29-	62338GT	SEAL KIT,62328,SIZE 12,2 PORT	
29-	62334GT	COIL,62328/62330,SIZE 10,DIN*	
29-	44174GT	NUT-COIL SHORT	
30	62328GT	VALVE,SOLENOID,NC,POPPET* BN, Boom retract sequence control	
30-	62338GT	SEAL KIT,62328,SIZE 12,2 PORT	
30-	62334GT	COIL,62328/62330,SIZE 10,DIN*	
30-	44174GT	NUT-COIL SHORT	
31	75463GT	VALVE,SOLENOID, 2POS 3WAY BQ, Boom retract control	
31-	62339GT	SEAL KIT,62329,SIZE 12, 3 WAY	
31-	62333GT	COIL,62329,SIZE12,W/FRAME,DIN*	
31-	62344GT	NUT,COIL,DOMED,SIZE 12, 62329	
32	62329GT	VALVE,SOLENOID, 2POS 3WAY* BR, Boom extend control	
32-	62339GT	SEAL KIT,62329,SIZE 12, 3 WAY	
32-	62333GT	COIL,62329,SIZE12,W/FRAME,DIN*	
32-	62344GT	NUT,COIL,DOMED,SIZE 12, 62329	

707.1 Function Manifold, S-100HD



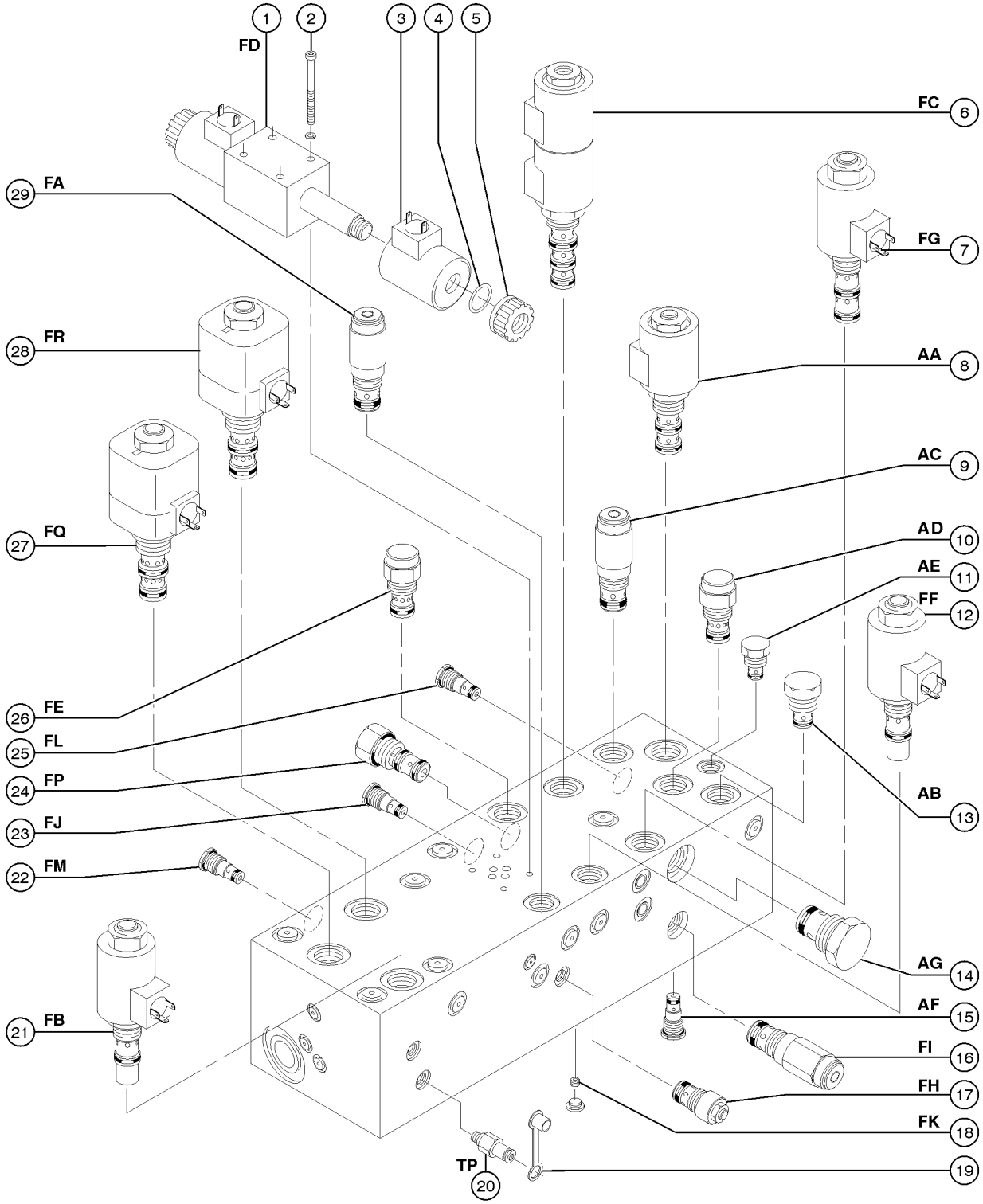
Item	Part No.	Description	Qty.
-		MANIFOLD,FUNCTION,S100/105 (component no longer available)	
-	146193GT	HARNESS, TCON J4 MANIFOLD 2009	
1	102394GT	VLV,SOL,DO3,REXROTH,3POS 4 WAY	
1-	102395GT	SEAL KIT,REXROTH DO3 VALVE	
2	45916GT	SCREW,SHC,10-24 X 1.250 (D01)	
3	97388GT	VALVE ASSY,D03,REX,3POS 4WAY	
3-	102398GT	COIL,DIN,REXROTH DO3 VALVE	
4	102395GT	SEAL KIT,REXROTH DO3 VALVE	
5	102396GT	NUT-COIL,REXROTH DO3 VALVE	
6	62330GT	VALVE,SOLENOID,3POS 4WAY*** FC, Turntable rotate control, left/right	
6-	44230GT	SEAL KIT-P.N.44169,44172,44171	
6-	44175GT	SPACER-DUAL COIL,#10, SCISSORS	
6-	62334GT	COIL,62328/62330,SIZE 10,DIN*	
6-	44174GT	NUT-COIL SHORT	
7	62326GT	VALVE,PROPORTIONAL SOLENOID* FG, Turntable rotate, proportional speed control	
7-	44227GT	SEAL KIT, VALVE	
7-	62349GT	NUT,COIL,PROPORTNL.VALVE	
7-	62332GT	COIL,PROPORTNL.62326,SIZE8,DIN	
8	75458GT	VALVE,SOLENOID,2POS3WAY,SUPRB AA, Auxiliary drive/steer selector	
8-	62337GT	SEAL KIT, VALVE	
8-	62334GT	COIL,62328/62330,SIZE 10,DIN*	
8-	44174GT	NUT-COIL SHORT	
9	52374GT	VALVE,RELIEF,3000PSI,GS68PUMP1 AC, Platform manifold pressure limit	
9-	44224GT	SEAL KIT, VALVE	
10	75457GT	VALVE-FLOW REGULATOR 3.0 GPM AD, Priority flow to platform	
10-	44225GT	SEAL KIT, VALVE	
11	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* AE, Blocks flow from pump 2 to auxiliary	
11-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	

707.1 Function Manifold, S-100HD



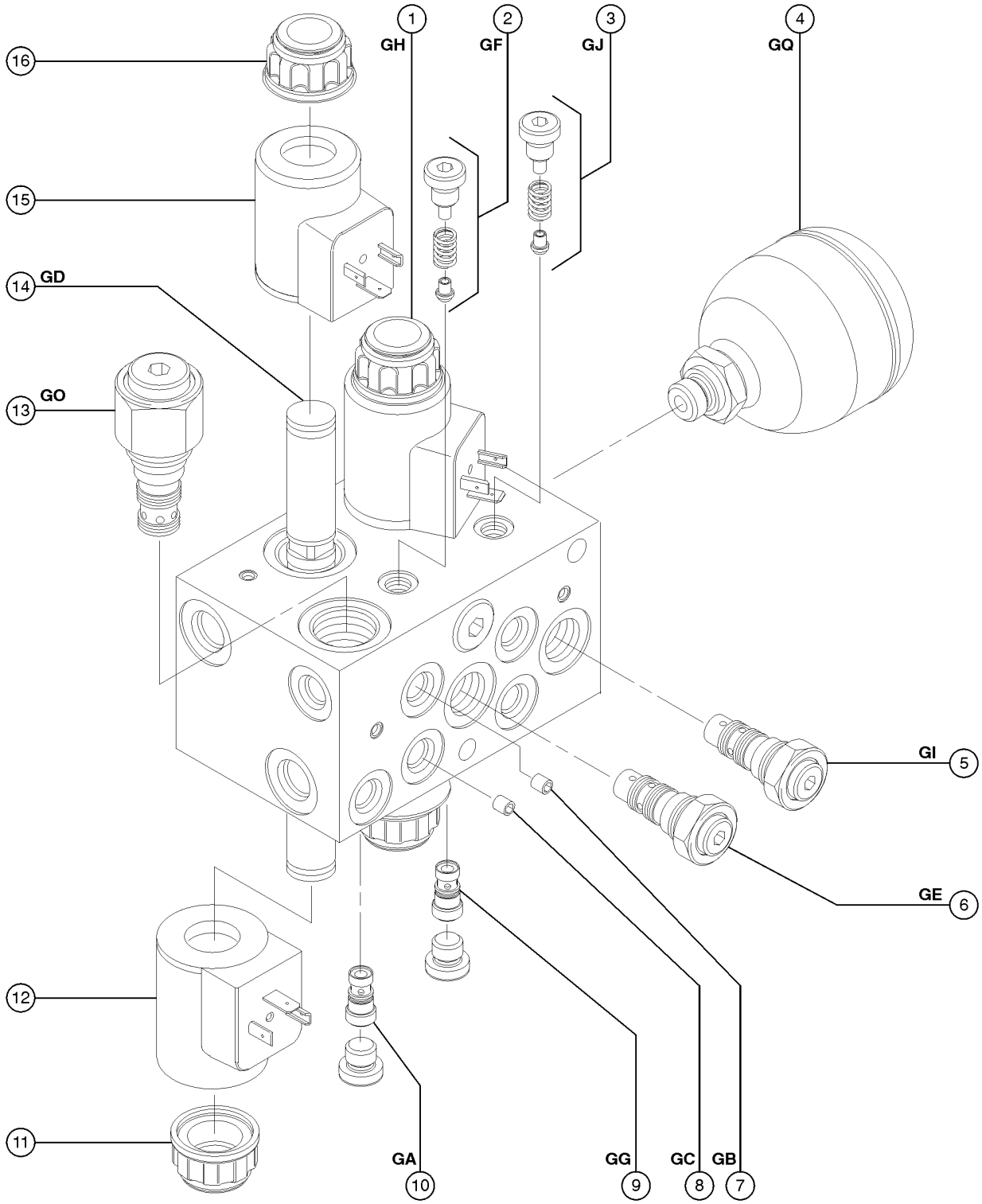
Item	Part No.	Description	Qty.
12	62327GT	VALVE,SOLENOID,PROPORT. N.C.* FF, Primary lift, proportional valve speed control	
12-	62335GT	COIL,PROPORTIONAL,62327,DIN	
12-	52373GT	SEAL KIT,52372,SOLENOID VALVE	
12-	52466GT	NUT,PROPORTNL. COIL,52372,GS68	
13	46216GT	VALVE,CHECK,IWP-S/CWP PWR ASSI AB, Blocks flow from pump 1 and 2 to auxiliary pump	
13-	44227GT	SEAL KIT, VALVE	
14	75456GT	VALVE-CHECK SIZE 12(SUPRBOOM)* AG, Blocks flow from auxiliary pump, port 2A to pump 1	
14-	62338GT	SEAL KIT,62328,SIZE 12,2 PORT	
15	44178GT	VALVE,CHECK,5 PSI** AF, Blocks flow from auxiliary pump, ports 2A and 3A to pump 2	
15-	44224GT	SEAL KIT, VALVE	
16	62325GT	VALVE,RELIEF,2600 PSI,SIZE 10 FI, Turntable, primary lift and boom retract pressure limit	
16-	44224GT	SEAL KIT, VALVE	
17	65907GT	PLUG,CAVITY,T-11A,1-2 OPEN	
18	62336GT	ORIFICE PLUG, 0.040 FK, Differential sensing damping	
19	48880GT	CAP,DIAGNOSTIC NIPPLE	
20	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
20-	49207GT	NIPPLE, DIAGNOSTIC, ORFS, FM, SWIV	
21	62327GT	VALVE,SOLENOID,PROPORT. N.C.* FF, Boom extend/retract solenoid valve proportional speed control	
21-	62335GT	COIL,PROPORTIONAL,62327,DIN	
21-	52373GT	SEAL KIT,52372,SOLENOID VALVE	
21-	52466GT	NUT,PROPORTNL. COIL,52372,GS68	
22	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* FM, Extension cylinder load sense check	
22-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
23	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* FJ, Primary lift load sense check	
23-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
24	62323GT	VALVE,DIFFERENTIAL SENSE110PSI FP, Directs flow to functions	
24-	62337GT	SEAL KIT, VALVE	
25	52907GT	VALVE-CHECK, #4 SAE, 5 PSI* FL, Extension cylinder load sense check	

707.1 Function Manifold, S-100HD



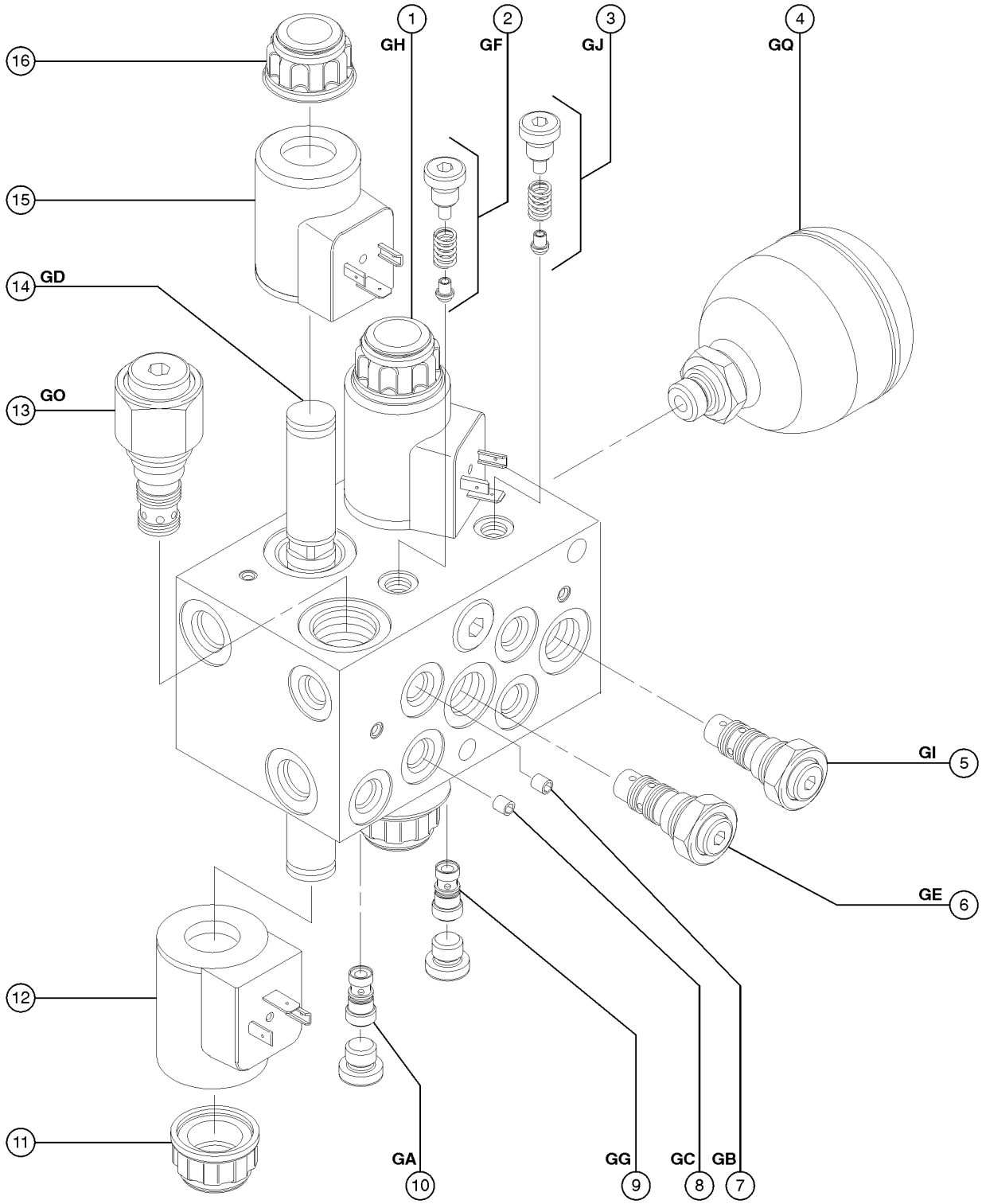
Item	Part No.	Description	Qty.
25-	62341GT	SEAL KIT,52907,SIZE 4, 2 WAY	
26	62324GT	VALVE,FLOW CONTROL, 0.1GPM* FE, Bleeds off differential sensing valve to tank	
26-	44227GT	SEAL KIT, VALVE	
27	62329GT	VALVE,SOLENOID, 2POS 3WAY* FQ, Boom retract control	
27-	62339GT	SEAL KIT,62329,SIZE 12, 3 WAY	
27-	62333GT	COIL,62329,SIZE12,W/FRAME,DIN*	
27-	62344GT	NUT,COIL,DOMED,SIZE 12, 62329	
28	62329GT	VALVE,SOLENOID, 2POS 3WAY* FR, Boom extend control	
28-	62339GT	SEAL KIT,62329,SIZE 12, 3 WAY	
28-	62333GT	COIL,62329,SIZE12,W/FRAME,DIN*	
28-	62344GT	NUT,COIL,DOMED,SIZE 12, 62329	
29	52905GT	VALVE-RELIEF,1800 PSI FA, Boom extend pressure limit	
29-	44227GT	SEAL KIT, VALVE	

708.1 Platform Manifold, S-100HD



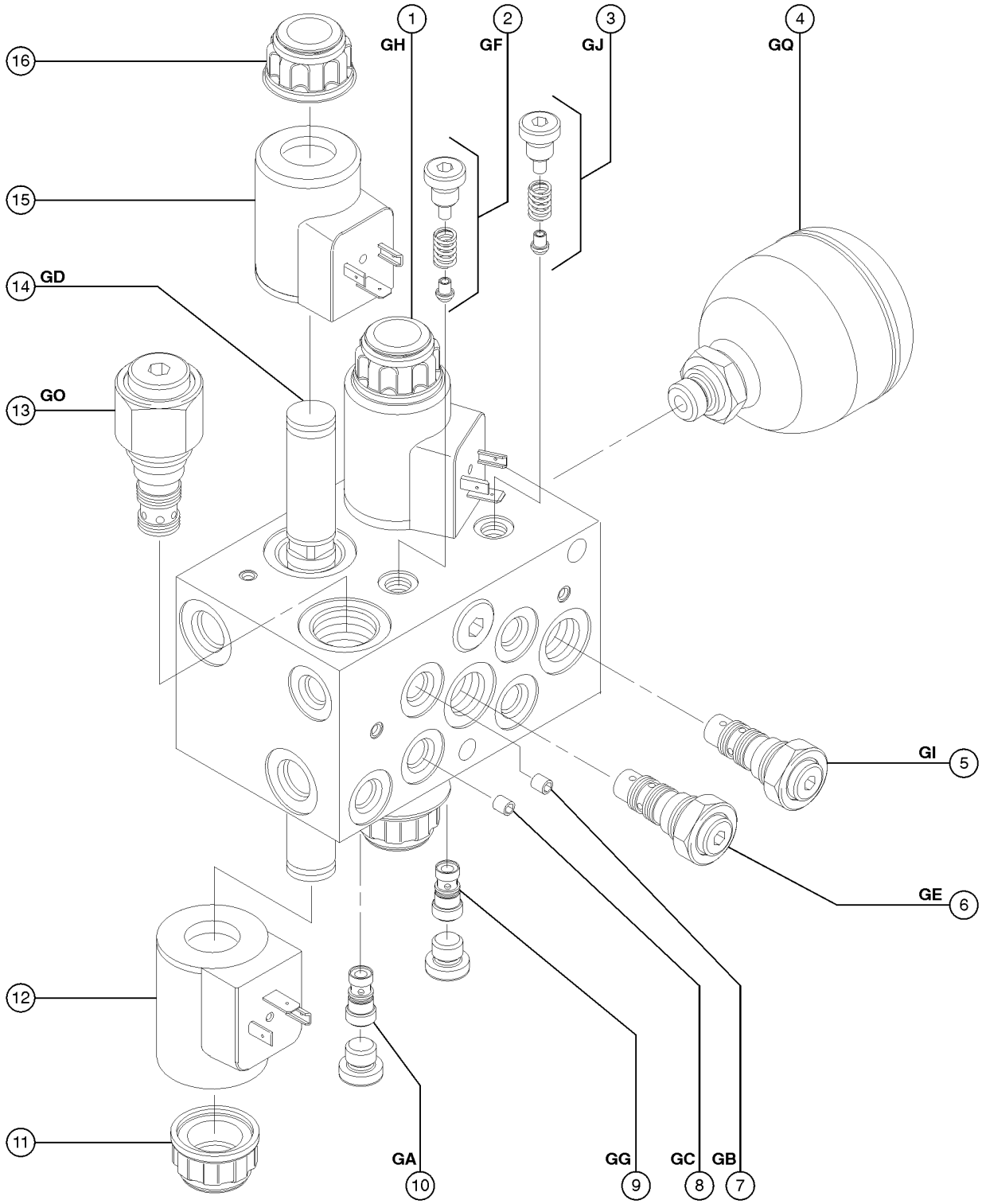
Item	Part No.	Description	Qty.
A	50171GT	MANIFOLD,PLAT CONTROL NON-JIB* ..... (complete), Part 50171GT is no longer available. Order kit 215547GT for first time replacement (kit contains manifold 122962GT and all required hardware)	1
A-	215546GT	S100/120 PLAT MNFLD SRV KIT ..... Order this kit for first time replacement of platform manifold 50171GT	
-	49612GT	O-RING KIT (ORFS FITTINGS)	
-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	62441GT	VALVE,SOLENOID,3POS4WAY,HYDAC ..... GH, Platform level up/down	
1-	62353GT	COIL,SOLENOID,HYDAC MANIFOLDS	
1-	62354GT	NUT,SOLENOID VALVE,HYDAC	
1-	62355GT	O-RING,COIL NUT, HYDAC	
1-	62363GT	SEAL KIT,SOLENOID VALVES,HYDAC	
2	62442GT	VALVE,CHECK,PLAT.MANIFLD,HYDAC ..... GF, Platform rotate circuit	
3	62442GT	VALVE,CHECK,PLAT.MANIFLD,HYDAC ..... GJ, Platform level circuit	
4	62364GT	ACCUMULATOR,500 PSI,HYDAC ..... GQ, Hydraulic dampening	
5	62357GT	VALVE,DIFFERENTIAL SENSE,N.0. ..... GI, Platform level differential sensing circuit	
5-	62361GT	SEAL KIT,VALVE 62357, HYDAC	
6	62357GT	VALVE,DIFFERENTIAL SENSE,N.0. ..... GE, Platform rotate differential sensing circuit	
6-	62361GT	SEAL KIT,VALVE 62357, HYDAC	
7	62443GT	ORIFICE PLUG,.03,PLATF. HYDAC ..... GB, Platform rotate left circuit	
8	62443GT	ORIFICE PLUG,.03,PLATF. HYDAC ..... GC, Platform rotate right circuit	
9	62359GT	VALVE,SHUTTLE, HYDAC ..... GG, Platform level load sense circuit	
9-	62362GT	SEAL KIT,VALVE 62359, HYDAC	
10	62359GT	VALVE,SHUTTLE, HYDAC ..... GA, Load sense circuit	
10-	62362GT	SEAL KIT,VALVE 62359, HYDAC	
11	62354GT	NUT,SOLENOID VALVE,HYDAC	
12	62353GT	COIL,SOLENOID,HYDAC MANIFOLDS	
13	62356GT	VALVE,DIFFERENTIAL SENSE,N.C. ..... GO, Directs flow to functions	
13-	62360GT	SEAL KIT,VALVE 62356, HYDAC	
14		(Ref.) VALVE,SOLENOID,3POS4WAY,HYDAC Solenoid valve part 62352 is no longer available, for replacement order manifold upgrade kit 215546	

708.1 Platform Manifold, S-100HD



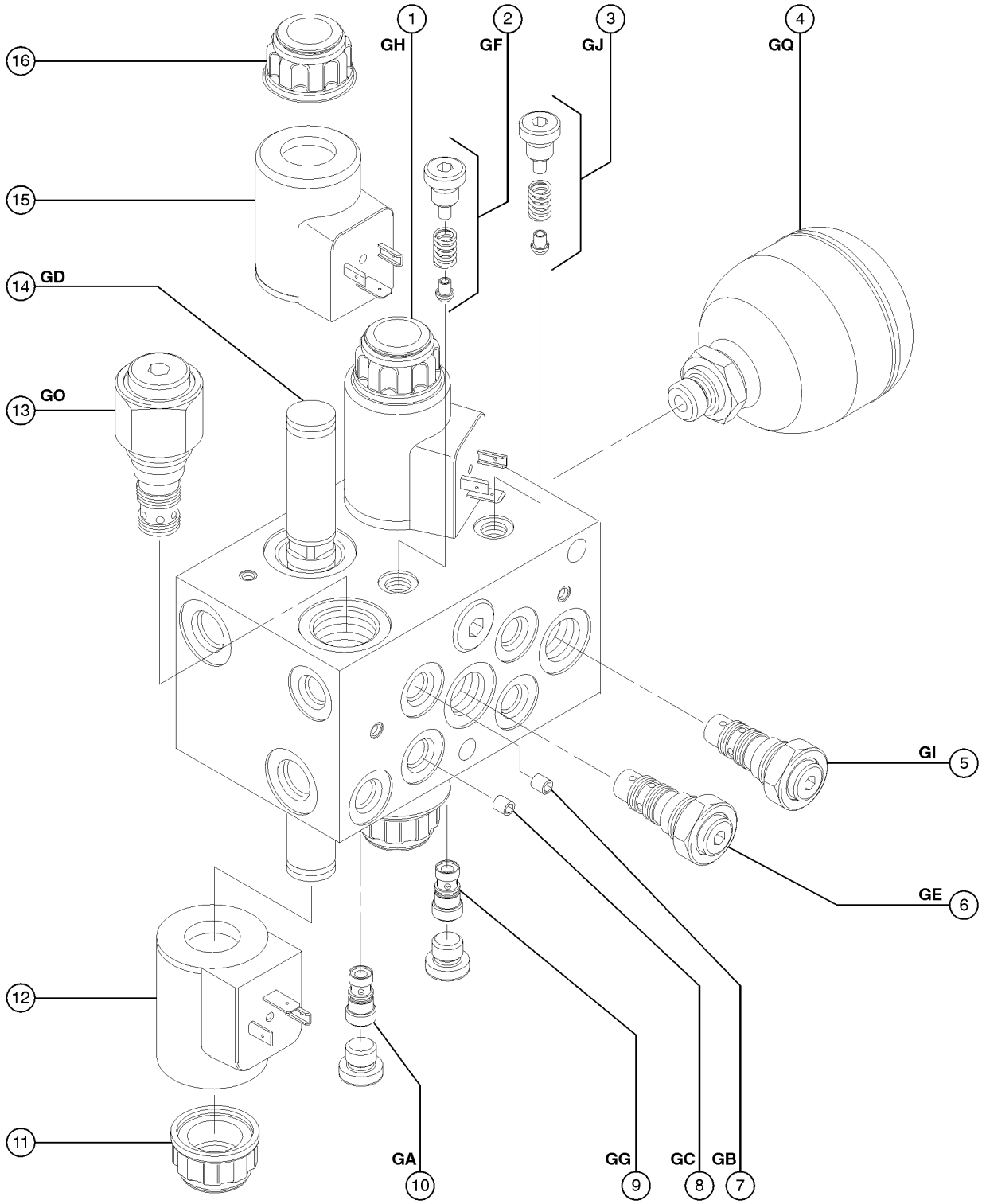
Item	*Part No.*	*Description*	*Qty.*
14-	215546GT	S100/120 PLAT MNFLD SRV KIT Solenoid valve part 62352 is no longer available, for replacement order manifold upgrade kit 215546	
15	62353GT	COIL,SOLENOID,HYDAC MANIFOLDS	
16	62354GT	NUT,SOLENOID VALVE,HYDAC	

708.2 Platform Manifold, S-120HD

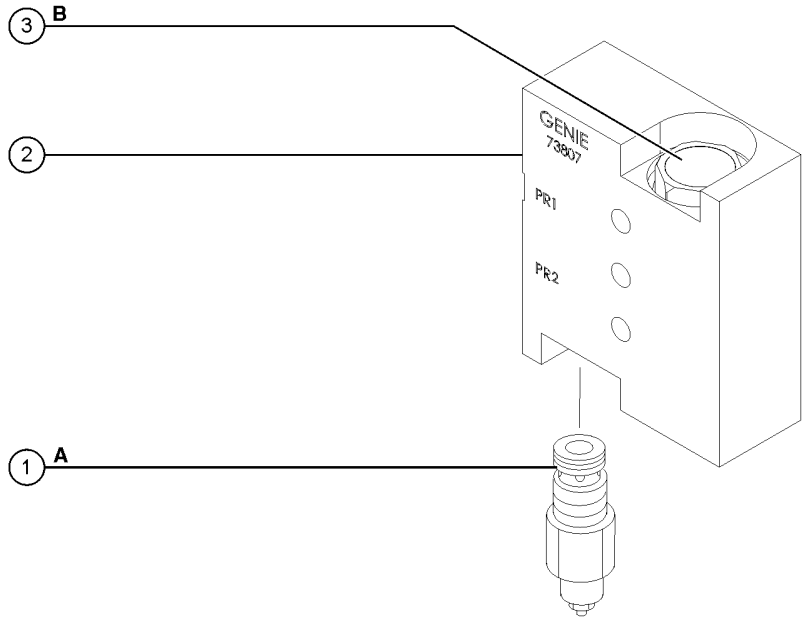


Item	Part No.	Description	Qty.
A	50171GT	MANIFOLD,PLAT CONTROL NON-JIB* ..... (complete), Part 50171GT is no longer available. Order kit 215547GT for first time replacement (kit contains manifold 122962GT and all required hardware)	1
A-	215546GT	S100/120 PLAT MNFLD SRV KIT ..... Order this kit for first time replacement of platform manifold 50171GT	
-	49612GT	O-RING KIT (ORFS FITTINGS)	
-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	62441GT	VALVE,SOLENOID,3POS4WAY,HYDAC ..... GH, Platform level up/down	
1-	62353GT	COIL,SOLENOID,HYDAC MANIFOLDS	
1-	62354GT	NUT,SOLENOID VALVE,HYDAC	
1-	62355GT	O-RING,COIL NUT, HYDAC	
1-	62363GT	SEAL KIT,SOLENOID VALVES,HYDAC	
2	62442GT	VALVE,CHECK,PLAT.MANIFLD,HYDAC ..... GF, Platform rotate circuit	
3	62442GT	VALVE,CHECK,PLAT.MANIFLD,HYDAC ..... GJ, Platform level circuit	
4	62364GT	ACCUMULATOR,500 PSI,HYDAC ..... GQ, Hydraulic dampening	
5	62357GT	VALVE,DIFFERENTIAL SENSE,N.0. ..... GI, Platform level differential sensing circuit	
5-	62361GT	SEAL KIT,VALVE 62357, HYDAC	
6	62357GT	VALVE,DIFFERENTIAL SENSE,N.0. ..... GE, Platform rotate differential sensing circuit	
6-	62361GT	SEAL KIT,VALVE 62357, HYDAC	
7	62443GT	ORIFICE PLUG,.03,PLATF. HYDAC ..... GB, Platform rotate left circuit	
8	62443GT	ORIFICE PLUG,.03,PLATF. HYDAC ..... GC, Platform rotate right circuit	
9	62359GT	VALVE,SHUTTLE, HYDAC ..... GG, Platform level load sense circuit	
9-	62362GT	SEAL KIT,VALVE 62359, HYDAC	
10	62359GT	VALVE,SHUTTLE, HYDAC ..... GA, Load sense circuit	
10-	62362GT	SEAL KIT,VALVE 62359, HYDAC	
11	62354GT	NUT,SOLENOID VALVE,HYDAC	
12	62353GT	COIL,SOLENOID,HYDAC MANIFOLDS	
13	62356GT	VALVE,DIFFERENTIAL SENSE,N.C. ..... GO, Directs flow to functions	
13-	62360GT	SEAL KIT,VALVE 62356, HYDAC	
14		(Ref.) VALVE,SOLENOID,3POS4WAY,HYDAC Solenoid valve part 62352 is no longer available, for replacement order manifold upgrade kit 215546	

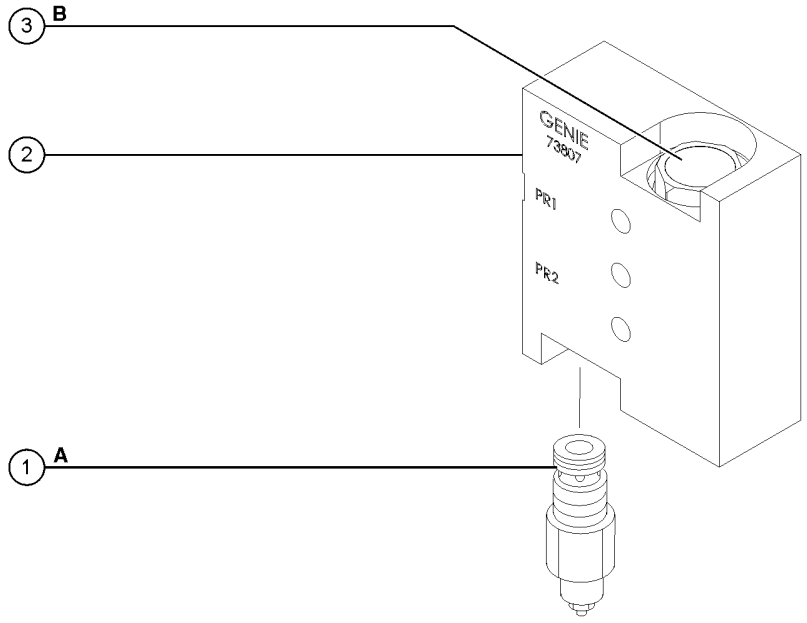
708.2 Platform Manifold, S-120HD



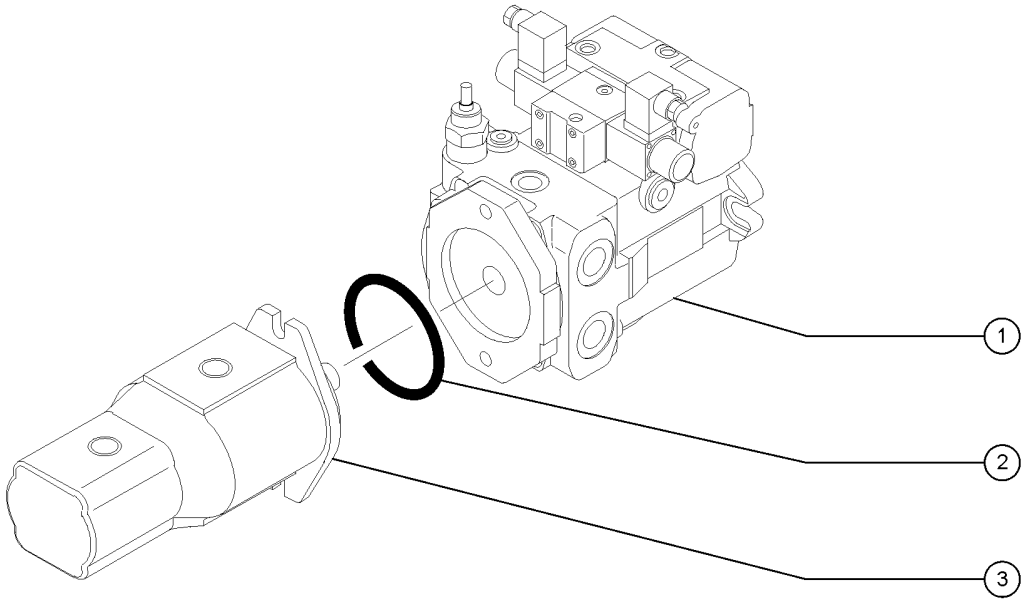
Item	*Part No.*	*Description*	*Qty.*
14-	215546GT	S100/120 PLAT MNFLD SRV KIT Solenoid valve part 62352 is no longer available, for replacement order manifold upgrade kit 215546	
15	62353GT	COIL,SOLENOID,HYDAC MANIFOLDS	
16	62354GT	NUT,SOLENOID VALVE,HYDAC	


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GENIE
73907
PR1
PR2

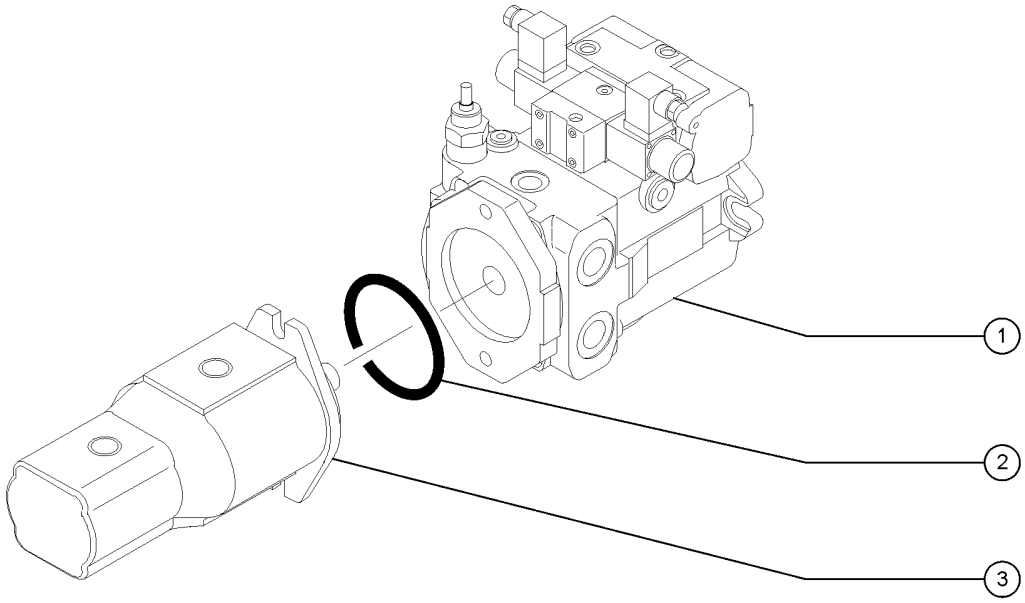
Item	Part No.	Description	Qty.
-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
-	49612GT	O-RING KIT (ORFS FITTINGS)	
-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	62506GT	VALVE - COUNTERBALANCE** A, Platform rotate right	
2	73807GT	MANIFOLD,ROTATOR,CB*** (complete)	
2-	62507GT	O-RING, ROTATOR MANIFOLD	
2-	43018GT	SEAL KIT (39345)	
2-	88516GT	SCREW,BLEEDER,M5X0.8	
3	62506GT	VALVE - COUNTERBALANCE** B, Platform rotate left	


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GENIE
73907
PR1
PR2

Item	*Part No.*	*Description*	*Qty.*
-	28750GT	O-RING KIT,FIELD SVC,ALL PROD*	
-	49612GT	O-RING KIT (ORFS FITTINGS)	
-	33994GT	PLUG AND CAP KIT-SERVICE,37?**	
-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	62506GT	VALVE - COUNTERBALANCE** A, Platform rotate right	
2	73807GT	MANIFOLD,ROTATOR,CB*** (complete)	
2-	62507GT	O-RING, ROTATOR MANIFOLD	
2-	43018GT	SEAL KIT (39345)	
2-	88516GT	SCREW,BLEEDER,M5X0.8	
3	62506GT	VALVE - COUNTERBALANCE** B, Platform rotate left	

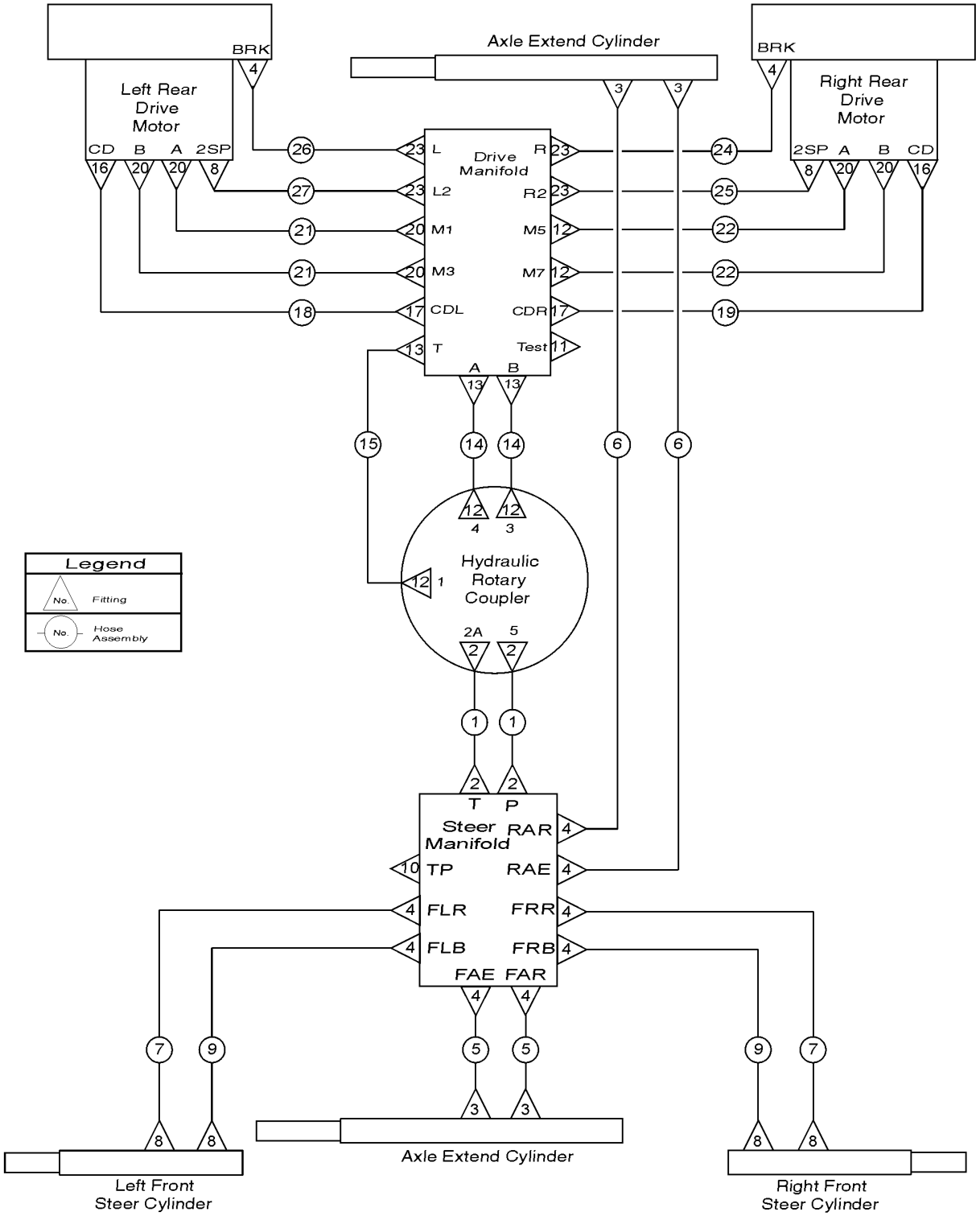

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Item	Part No.	Description	Qty.
1	101068GT	PUMP,PISTON,46CC,B MOUNT,13T**	
1-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	
1-	77819GT	EDC ASSY,SAUER M46***	
2	52087GT	O-RING,2-044 BUNA***	
3	122495GT	PUMP,2 SEC,29CC X 19CC,FE	1
3-	122494GT	KIT,SEALS & WEAR PLATE, PUMP	

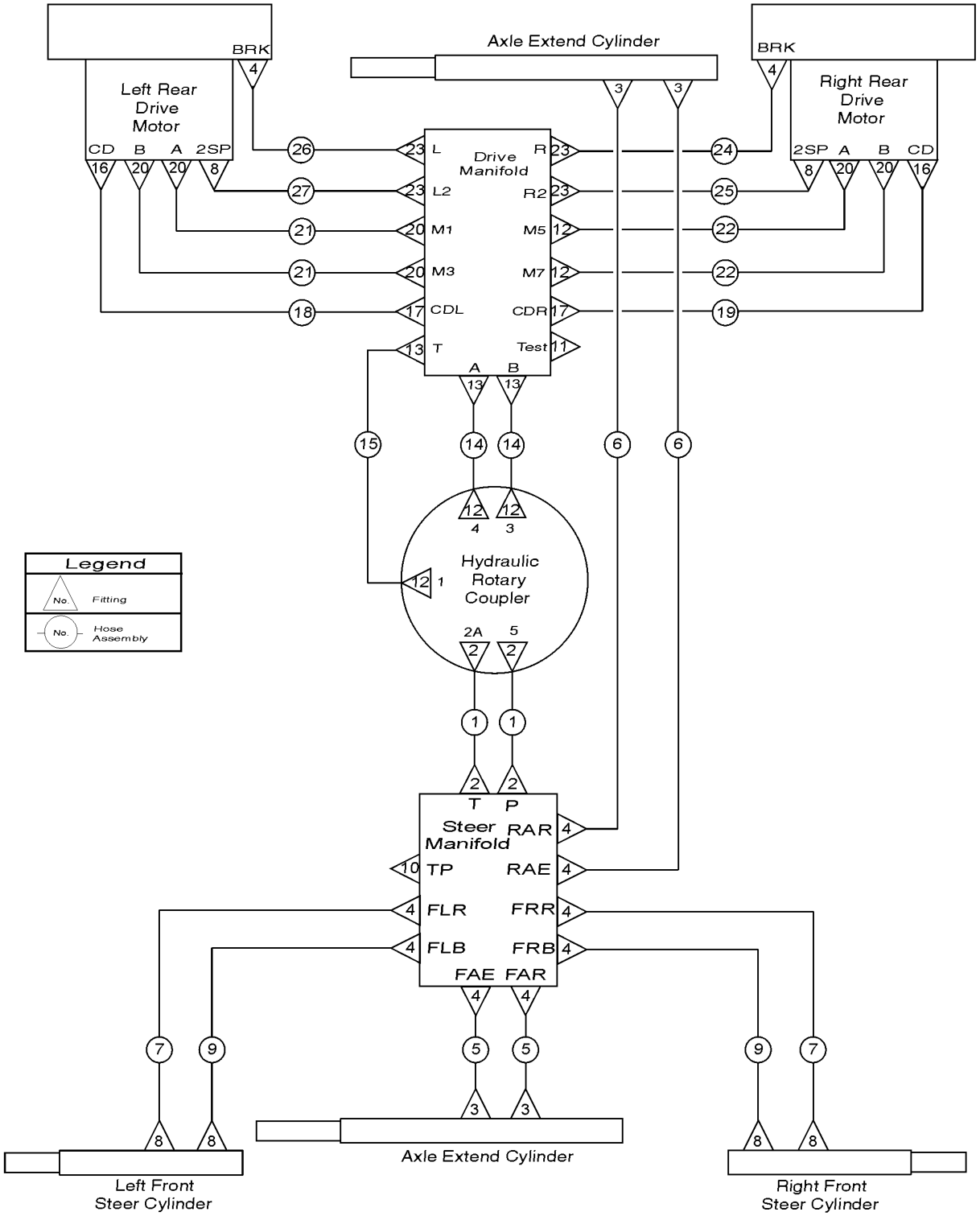

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Item	*Part No.*	*Description*	*Qty.*
1	101068GT	PUMP,PISTON,46CC,B MOUNT,13T**	
1-	29739GT	SEAL KIT,SAUER-DANFOSS M46***	
1-	77819GT	EDC ASSY,SAUER M46***	
2	52087GT	O-RING,2-044 BUNA***	
3	122495GT	PUMP,2 SEC,29CC X 19CC,FE	1
3-	122494GT	KIT,SEALS & WEAR PLATE, PUMP	

711.1 Drive and Steer System, 2WD, S-100HD

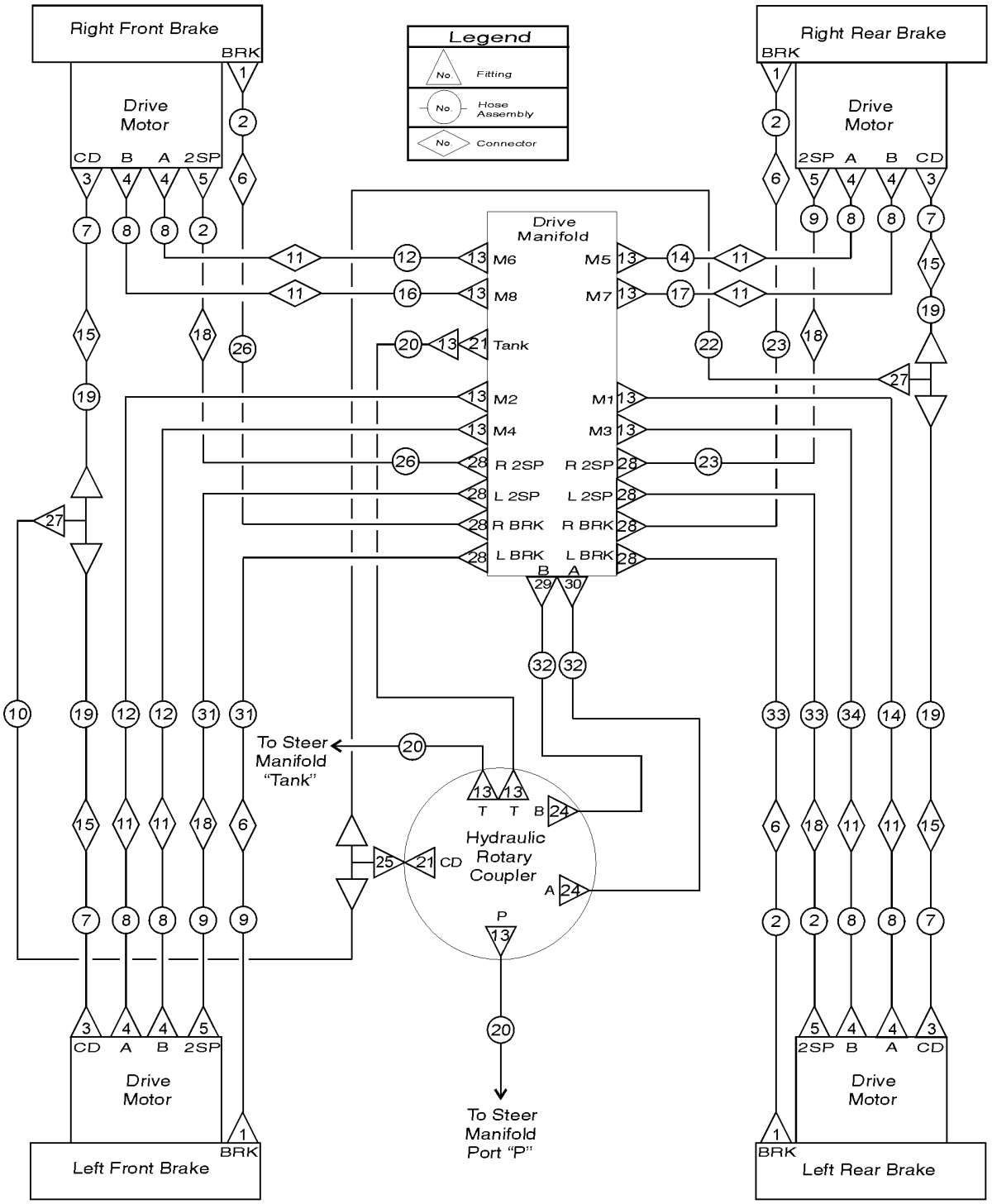


Item	Part No.	Description	Qty.
1	49141-2963GT	HOSE ASSY,1/2,45 FEM,STR FEM** components: 48822, 48826 and 48756 @ 27 inches	2
2	48933GT	CONN,520120-8	4
3	48905GT	CONN,520120-4	4
4	48912GT	CONN,520120-4-6***	10
5	49117-5835GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 56 inches	2
6	49116-10937GT	HOSE ASSY,1/4,45 FEM,STR FEM** components: 48800, 48801 and 48751 @ 107 inches	2
7	49117-6435GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 62 inches	2
8	48911GT	ELBOW,90D,520220-4-6***	6
9	49117-5035GT	HOSE ASSY,1/4,90 FEM,STR FEM** components: 48800, 48802 and 48751 @ 48 inches	2
10	48997GT	NIPPLE,DIAGNOSTIC,#4	1
11	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
12	48963GT	FITTING,ELBOW,45D,520320-12	6
13	48960GT	FITTING,CONN,520120-12***	3
14	94374-3130GT	HOSE ASSY,3/4,90 FEM,STR FEM components: 48801, 48846 and 94358 @ 28 inches	2
15	49151-2473GT	HOSE ASSY,3/4,STR FEM,STR FEM components: 48841, 48841 and 48761 @ 22 inches	1
16	48934GT	CONN,LONG,520122-8	1
17	48937GT	ELBOW,45D,520320-8	1
18	49141-7163GT	HOSE ASSY,1/2,45 FEM, STR FEM components: 48822, 48826 and 48756 @ 69 inches	1
19	49141-7663GT	HOSE ASSY,1/2,45 FEM, STR FEM components: 48822, 48826 and 48756 @ 74 inches	1
20	61610GT	CONN,LONG,520122-12***	6
21	106665-6829GT	HOSE ASSY,3/4 LG90 FEM,STR FEM components: 48843, 48841 and 94358 @ 65 inches	2
22	106665-7029GT	HOSE ASSY,3/4 LG90 FEM,STR FEM components: 48843, 48841 and 94358 @ 67 inches	2
23	48905GT	CONN,520120-4	4
24	49117-8791GT	HOSE ASSY,1/4,90 FEM, STR FEM components: 48800, 48802 and 48751 @ 86 inches	1
25	49119-7778GT	HOSE ASSY,1/4,STR FEM,STR FEM components: 48800, 48800 and 48751 @ 76 inches	1
26	49117-8091GT	HOSE ASSY,1/4,90 FEM, STR FEM components: 48800, 48802 and 48751 @ 79 inches	1
27	49119-7478GT	HOSE ASSY,1/4,STR FEM,STR FEM components: 48800, 48800 and 48751 @ 73 inches	1


Axle Extend Cylinder
BRK
Left Rear Drive Motor
CD B A 2SP
Right Rear Drive Motor
2SP A B CD
Drive Manifold
L
R
L2
R2
M1
M5
M3
M7
CDL
CDR
T
Test
A
B
Legend
No.
Fitting
Hose Assembly
Hydraulic Rotary Coupler
2A
5
Steer Manifold
T
P
RAR
TP
RAE
FLR
FRR
FLB
FRB
FAE
FAR
Axle Extend Cylinder
Left Front Steer Cylinder
Right Front Steer Cylinder

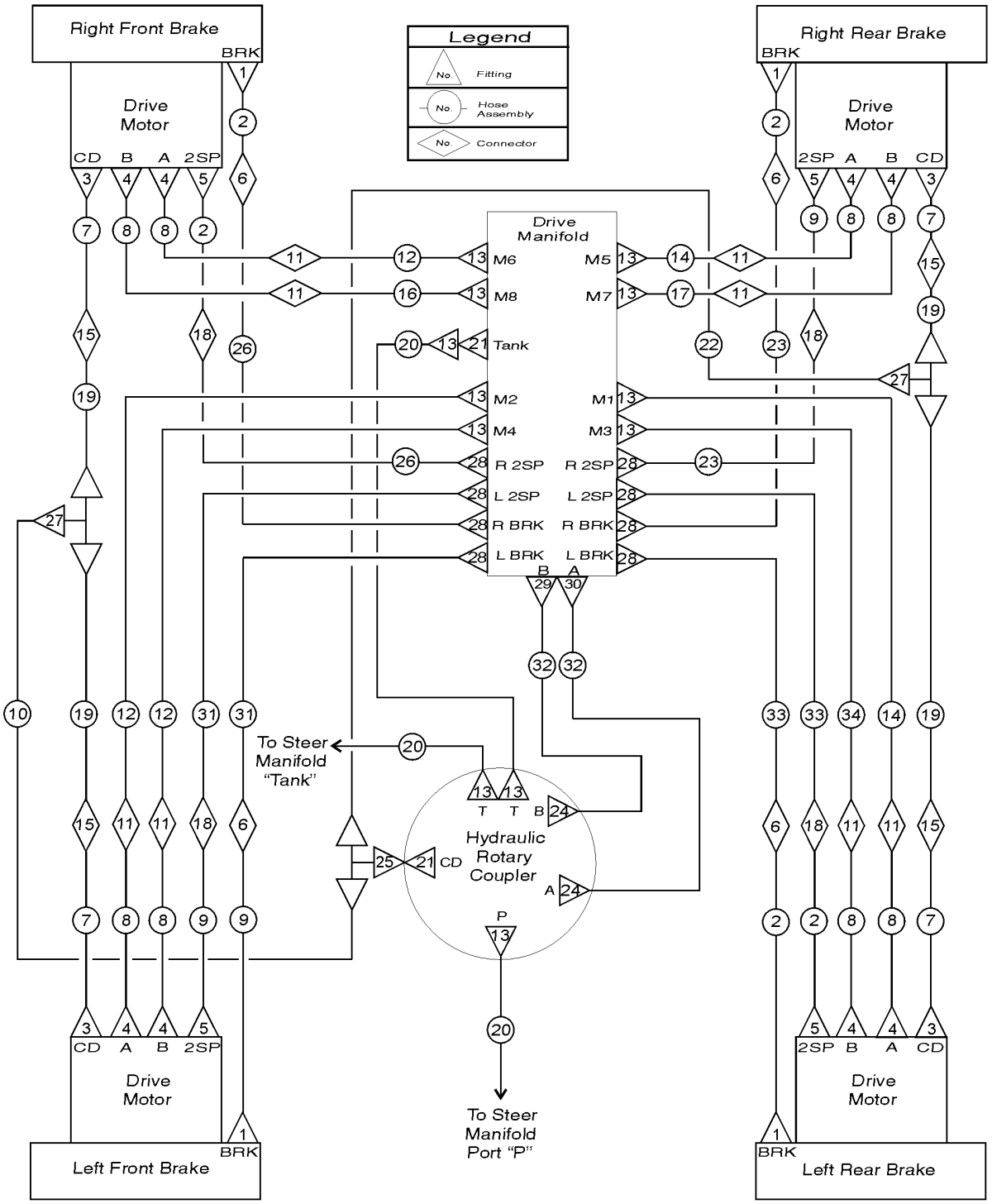
Item	Part No.	Description	Qty.
1	49141-2963GT	HOSE ASSY,1/2,45 FEM,STR FEM** components: 48822, 48826 and 48756 @ 27 inches	2
2	48933GT	CONN,520120-8	4
3	48905GT	CONN,520120-4	4
4	48912GT	CONN,520120-4-6***	10
5	49117-5835GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 56 inches	2
6	49116-10937GT	HOSE ASSY,1/4,45 FEM,STR FEM** components: 48800, 48801 and 48751 @ 107 inches	2
7	49117-6435GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 62 inches	2
8	48911GT	ELBOW,90D,520220-4-6***	6
9	49117-5035GT	HOSE ASSY,1/4,90 FEM,STR FEM** components: 48800, 48802 and 48751 @ 48 inches	2
10	48997GT	NIPPLE,DIAGNOSTIC,#4	1
11	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***	1
12	48963GT	FITTING,ELBOW,45D,520320-12	6
13	48960GT	FITTING,CONN,520120-12***	3
14	94374-3130GT	HOSE ASSY,3/4,90 FEM,STR FEM components: 48801, 48846 and 94358 @ 28 inches	2
15	49151-2473GT	HOSE ASSY,3/4,STR FEM,STR FEM components: 48841, 48841 and 48761 @ 22 inches	1
16	48934GT	CONN,LONG,520122-8	1
17	48937GT	ELBOW,45D,520320-8	1
18	49141-7163GT	HOSE ASSY,1/2,45 FEM, STR FEM components: 48822, 48826 and 48756 @ 69 inches	1
19	49141-7663GT	HOSE ASSY,1/2,45 FEM, STR FEM components: 48822, 48826 and 48756 @ 74 inches	1
20	61610GT	CONN,LONG,520122-12***	6
21	106665-6829GT	HOSE ASSY,3/4 LG90 FEM,STR FEM components: 48843, 48841 and 94358 @ 65 inches	2
22	106665-7029GT	HOSE ASSY,3/4 LG90 FEM,STR FEM components: 48843, 48841 and 94358 @ 67 inches	2
23	48905GT	CONN,520120-4	4
24	49117-8791GT	HOSE ASSY,1/4,90 FEM, STR FEM components: 48800, 48802 and 48751 @ 86 inches	1
25	49119-7778GT	HOSE ASSY,1/4,STR FEM,STR FEM components: 48800, 48800 and 48751 @ 76 inches	1
26	49117-8091GT	HOSE ASSY,1/4,90 FEM, STR FEM components: 48800, 48802 and 48751 @ 79 inches	1
27	49119-7478GT	HOSE ASSY,1/4,STR FEM,STR FEM components: 48800, 48800 and 48751 @ 73 inches	1

712.1 Hydraulic Hoses and Fittings - Drive System, 4WD, S-100HD



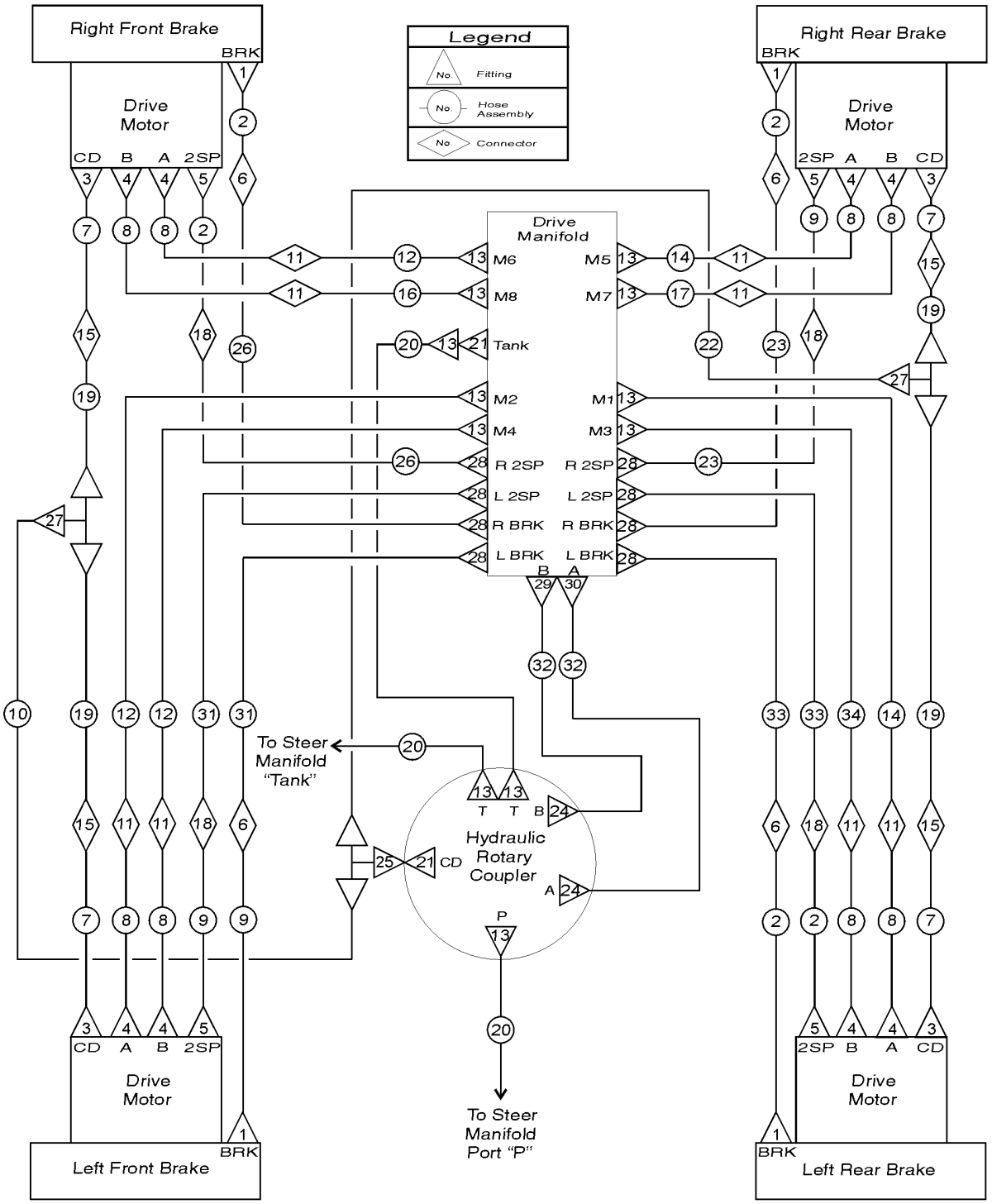
Item	Part No.	Description	Qty.
A-	49612GT	O-RING KIT (ORFS FITTINGS)	
B-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48912GT	CONN,520120-4-6***	4
2	49116-5337-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 51 inches	6
3	48933GT	CONN,520120-8	
4	48948GT	CONN,520120-8-12	8
5	48904GT	ELBOW, 90D, 520220-4	4
6	61268GT	CONN,BULKHEAD,520801,-4	4
7	49141-5663GT	HOSE ASSY,1/2 STR FEM,45 DEG** components: 48822, 48826 and 48756 @ 54 inches	4
8	61143-5463-SGT	HOSE ASSY 1/2" 45 FEM,STR FEM components: 48822, 48826 and 56777 @ 52 inches	8
9	49116-6037-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 58 inches	2
10	49183-4092GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 39 inches	1
11	48894GT	CONN,BULKHEAD,520601-8	8
12	61143-11263GT	HOSE ASSY,1/2,45 FEM STR FEM components: 48822, 48826 and 56777 @ 110 inches	3
13	48933GT	CONN,520120-8	12
14	75278-5529-SGT	HOSE ASSY,1/2,90 FEM,STR FEM components: 48822, 48827 and 56777 @ 53 inches	2
15	61346GT	CONN,BULKHEAD,520801,-8	4
16	61143-11563-SGT	HOSE ASSY,1/2,45 FEM STR FEM components: 48822, 48826 and 56777 @ 113 inches	1
17	75278-5729GT	HOSE ASSY,1/2,90 FEM,STR FEM components: 48822, 48827 and 56777 @ 55 inches	
18	61269GT	UNION,BULKHEAD,ORFS,520601,-4	4
19	49183-5792GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 56 inches	4
20	49141-2963-SGT	HOSE ASSY,1/2,45 FEM,STR FEM components: 48822, 48826 and 48756 @ 54 inches	3
21	75613GT	CONN,090136-12-8	2
22	49183-3292GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 31 inches	1
23	49117-5835GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 56 inches	2
24	48963GT	FITTING,ELBOW,45D,520320-12	2
25	48936GT	TEE,BRANCH,520429-8	1
26	49116-11537-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 113 inches	2

712.1 Hydraulic Hoses and Fittings - Drive System, 4WD, S-100HD



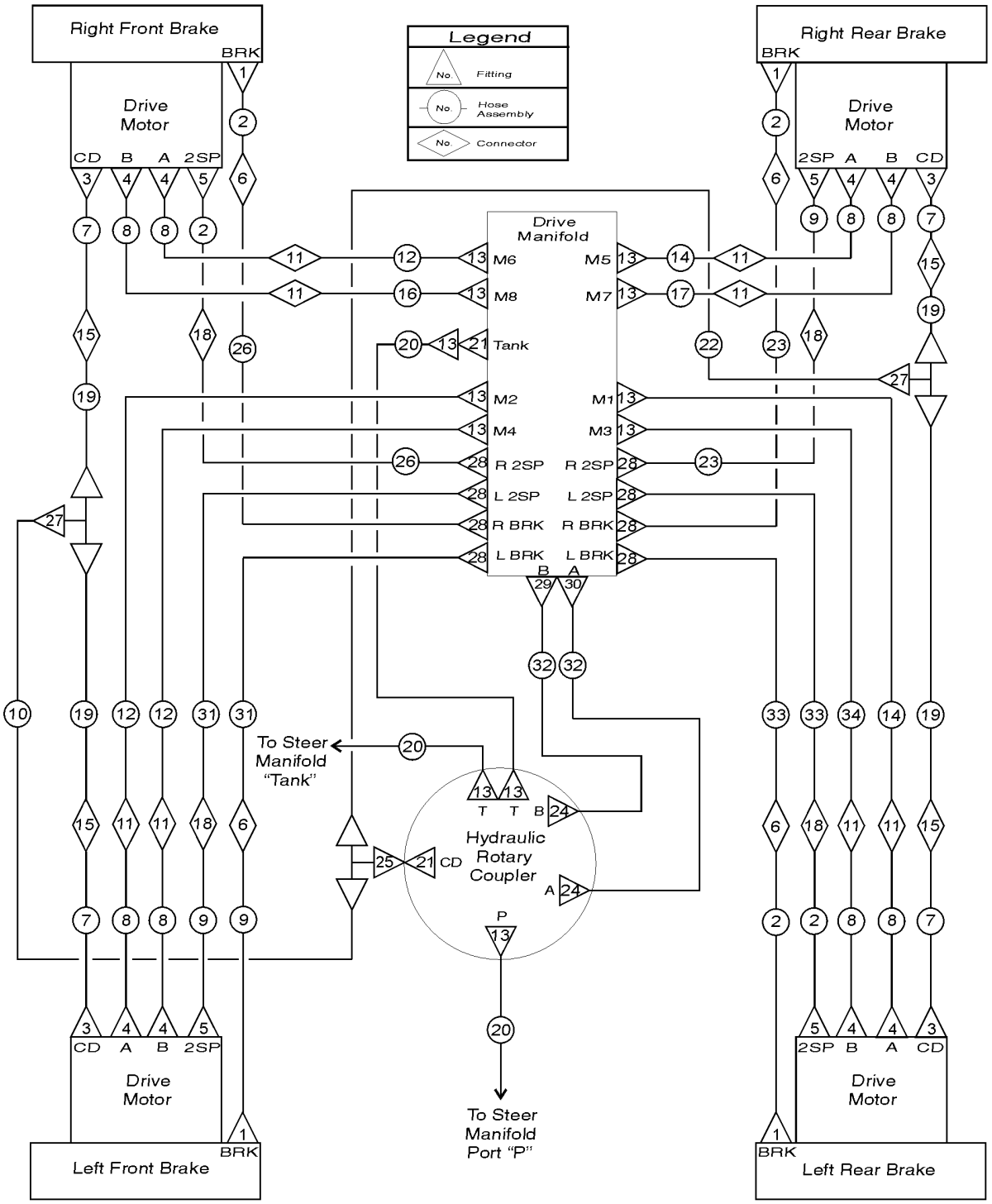
Item	Part No.	Description	Qty.
27	75612GT	TEE,BULKHEAD,52N9959-8	2
28	48905GT	CONN,520120-4	8
29	61610GT	CONN,LONG,520122-12***	1
30	48960GT	FITTING,CONN,520120-12***	1
31	49116-10937-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 107 inches	
32	94374-3130GT	HOSE ASSY,3/4,90 FEM,STR FEM components: 48841, 48846 and 94358 @ 28 inches	2
33	49117-5935GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 57 inches	
34	75278-6029GT	HOSE ASSY,1/2,90 FEM,STR FEM** components: 48822, 48827 and 56777 @ 58 inches	

712.2 Hydraulic Hoses and Fittings - Drive System, 4WD, S-120HD



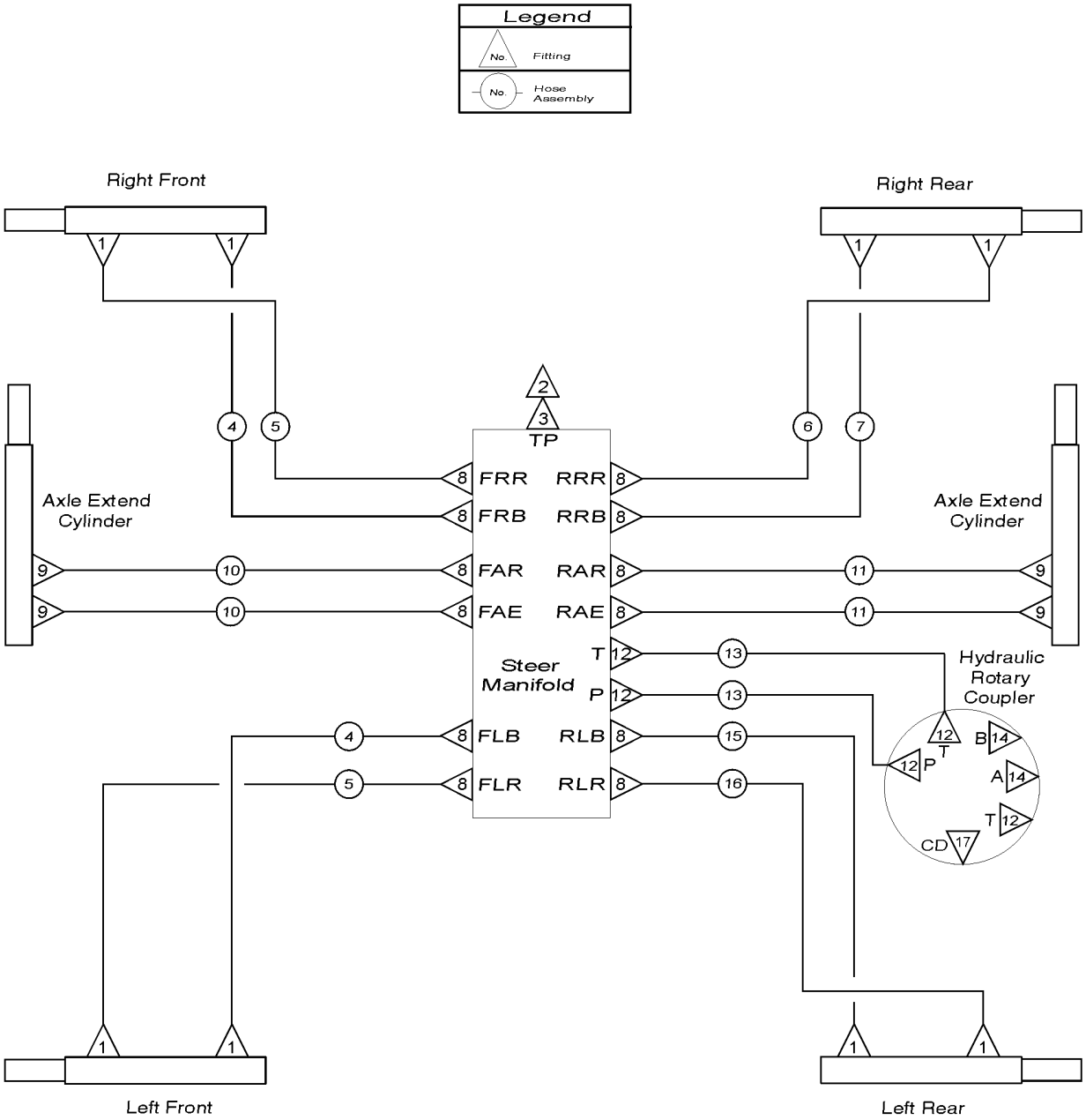
Item	Part No.	Description	Qty.
A-	49612GT	O-RING KIT (ORFS FITTINGS)	
B-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48912GT	CONN,520120-4-6***	4
2	49116-5337-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 51 inches	6
3	48933GT	CONN,520120-8	
4	48948GT	CONN,520120-8-12	8
5	48904GT	ELBOW, 90D, 520220-4	4
6	61268GT	CONN,BULKHEAD,520801,-4	4
7	49141-5663GT	HOSE ASSY,1/2 STR FEM,45 DEG** components: 48822, 48826 and 48756 @ 54 inches	4
8	61143-5463-SGT	HOSE ASSY 1/2" 45 FEM,STR FEM components: 48822, 48826 and 56777 @ 52 inches	8
9	49116-6037-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 58 inches	2
10	49183-4092GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 39 inches	1
11	48894GT	CONN,BULKHEAD,520601-8	8
12	61143-11263GT	HOSE ASSY,1/2,45 FEM STR FEM components: 48822, 48826 and 56777 @ 110 inches	3
13	48933GT	CONN,520120-8	12
14	75278-5529-SGT	HOSE ASSY,1/2,90 FEM,STR FEM components: 48822, 48827 and 56777 @ 53 inches	2
15	61346GT	CONN,BULKHEAD,520801,-8	4
16	61143-11563-SGT	HOSE ASSY,1/2,45 FEM STR FEM components: 48822, 48826 and 56777 @ 113 inches	1
17	75278-5729GT	HOSE ASSY,1/2,90 FEM,STR FEM components: 48822, 48827 and 56777 @ 55 inches	
18	61269GT	UNION,BULKHEAD,ORFS,520601,-4	4
19	49183-5792GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 56 inches	4
20	49141-2963-SGT	HOSE ASSY,1/2,45 FEM,STR FEM components: 48822, 48826 and 48756 @ 54 inches	3
21	75613GT	CONN,090136-12-8	2
22	49183-3292GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 31 inches	1
23	49117-5835GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 56 inches	2
24	48963GT	FITTING,ELBOW,45D,520320-12	2
25	48936GT	TEE,BRANCH,520429-8	1
26	49116-11537-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 113 inches	2

712.2 Hydraulic Hoses and Fittings - Drive System, 4WD, S-120HD



Item	Part No.	Description	Qty.
27	75612GT	TEE,BULKHEAD,52N9959-8	2
28	48905GT	CONN,520120-4	8
29	61610GT	CONN,LONG,520122-12***	1
30	48960GT	FITTING,CONN,520120-12***	1
31	49116-10937-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 107 inches	
32	94374-3130GT	HOSE ASSY,3/4,90 FEM,STR FEM components: 48841, 48846 and 94358 @ 28 inches	2
33	49117-5935GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 57 inches	
34	75278-6029GT	HOSE ASSY,1/2,90 FEM,STR FEM** components: 48822, 48827 and 56777 @ 58 inches	

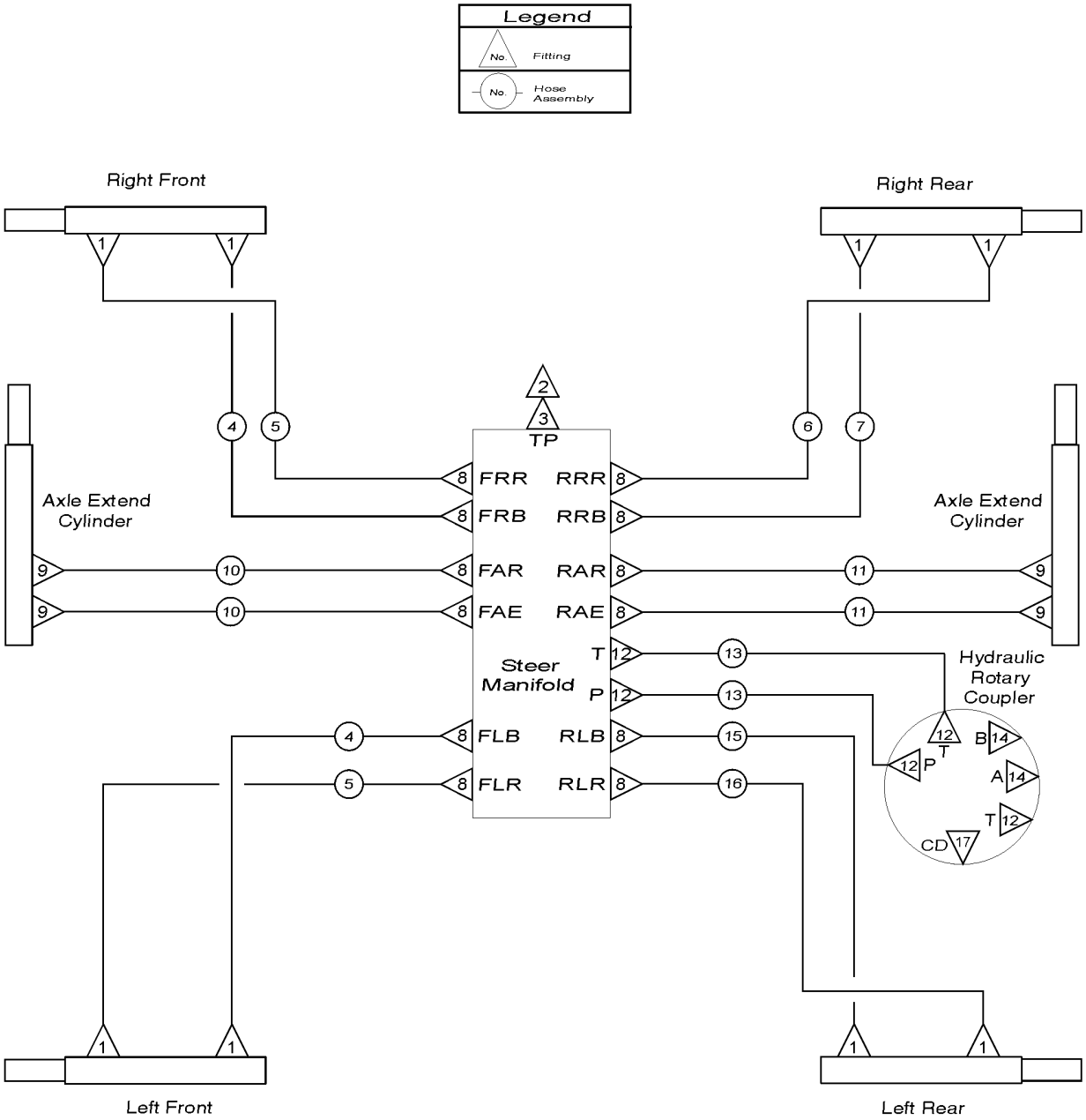
713.1 Hydraulic Hoses and Fittings - Steer System, 4WD, S-100HD



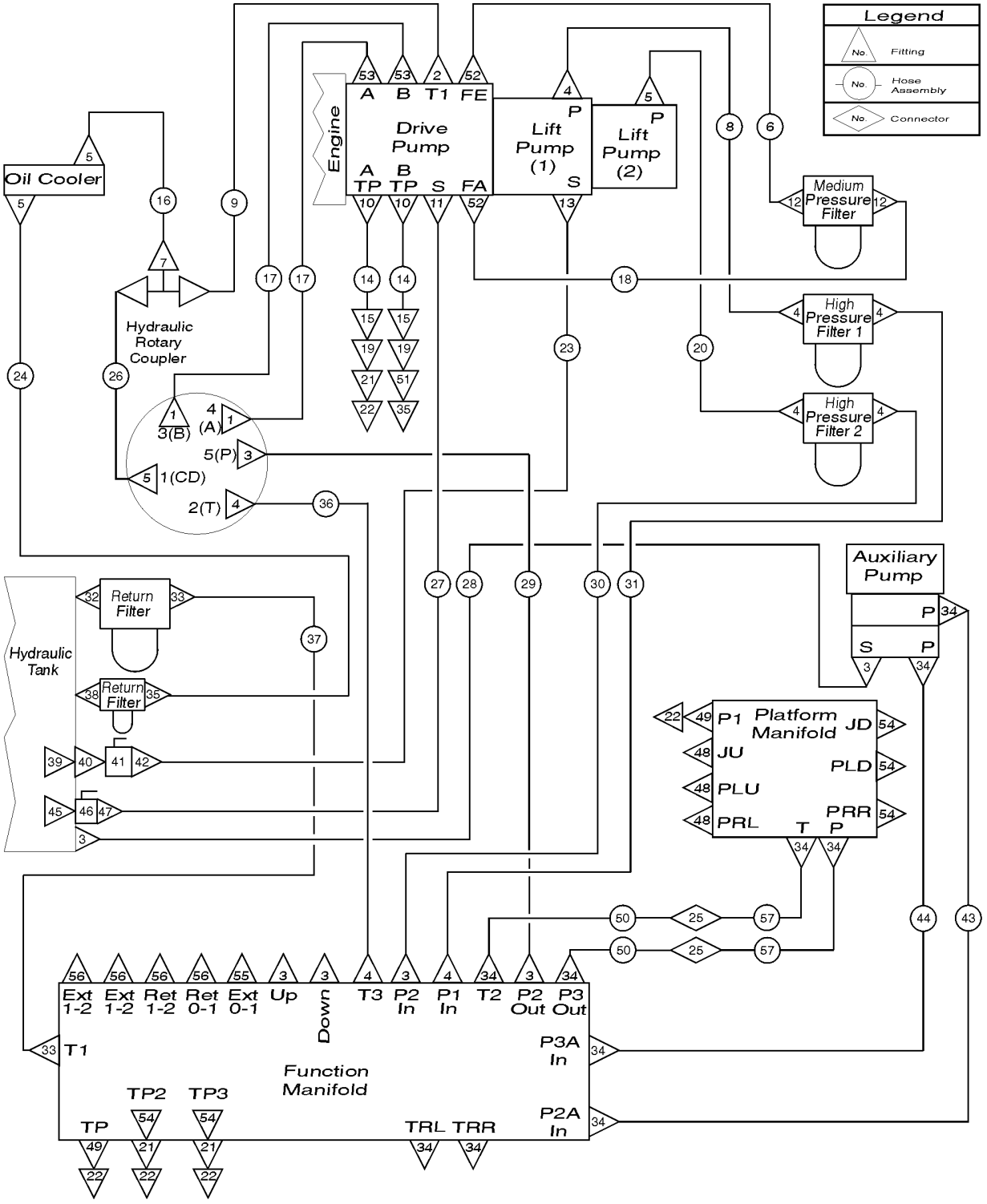
713.1 Hydraulic Hoses and Fittings - Steer System, 4WD, S-100HD

Item	Part No.	Description	Qty.
A-	49612GT	O-RING KIT (ORFS FITTINGS)	
B-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48911GT	ELBOW,90D,520220-4-6***	8
2	48880GT	CAP,DIAGNOSTIC NIPPLE	1
3	48997GT	NIPPLE,DIAGNOSTIC,#4	1
3-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
4	49117-5035-SGT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 48 inches	2
5	49117-6435GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 62 inches	2
6	49116-12237GT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 120 inches	1
7	49116-10937-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 107 inches	1
8	48912GT	CONN,520120-4-6***	12
9	48905GT	CONN,520120-4	4
10	49117-5835GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 56 inches	2
11	49119-10678GT	HOSE ASSY,1/4,STR FEM,STR FEM components: 48800, 48800 and 48751 @ 105 inches	2
12	48933GT	CONN,520120-8	5
13	49141-2963-SGT	HOSE ASSY,1/2,45 FEM,STR FEM components: 48822, 48826 and 48756 @ 27 inches	2
14	48963GT	FITTING,ELBOW,45D,520320-12	2
15	49116-10337GT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 101 inches	1
16	49116-11537-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 113 inches	1
17	75613GT	CONN,090136-12-8	1

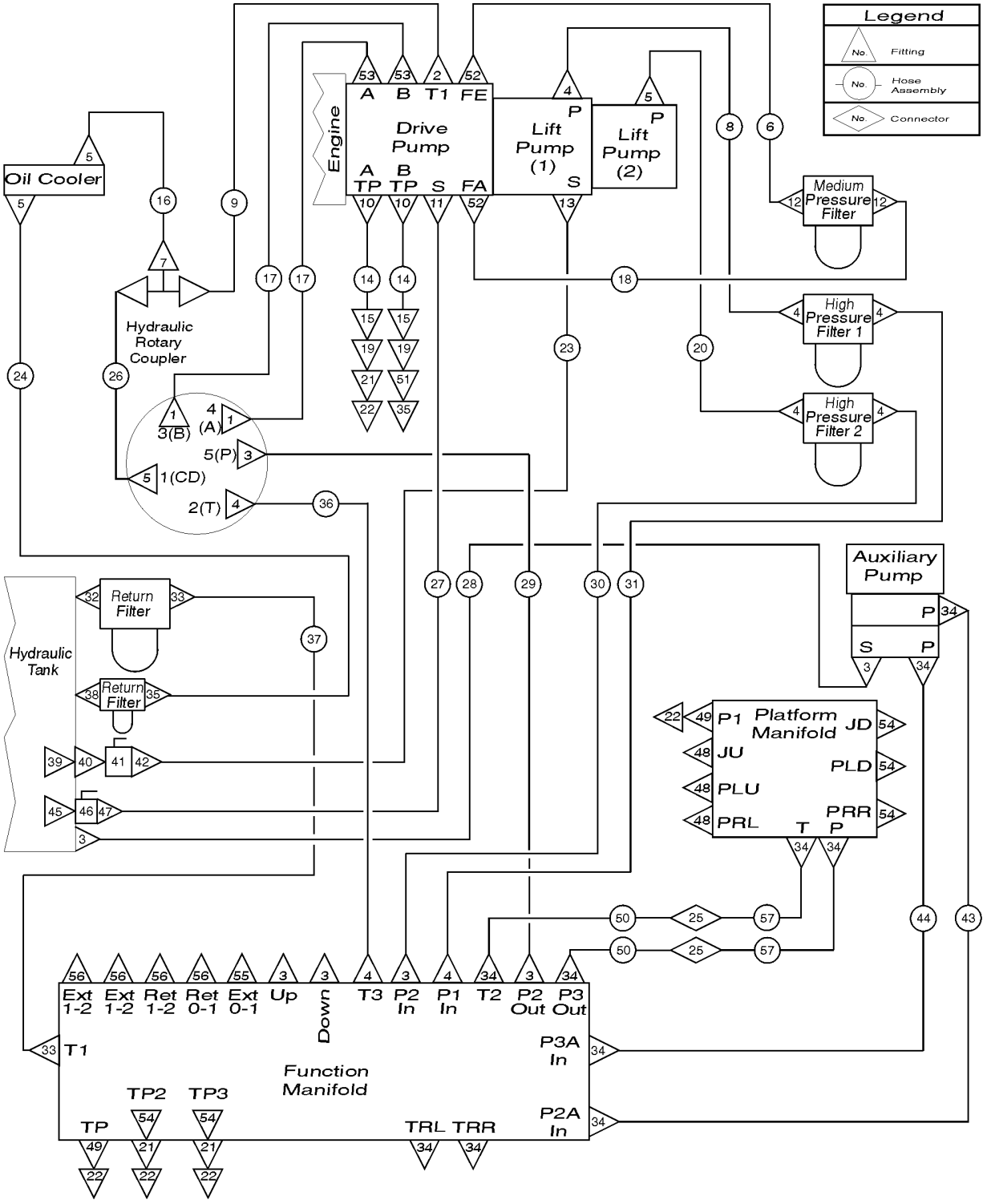
713.2 Hydraulic Hoses and Fittings - Steer System, 4WD, S-120HD



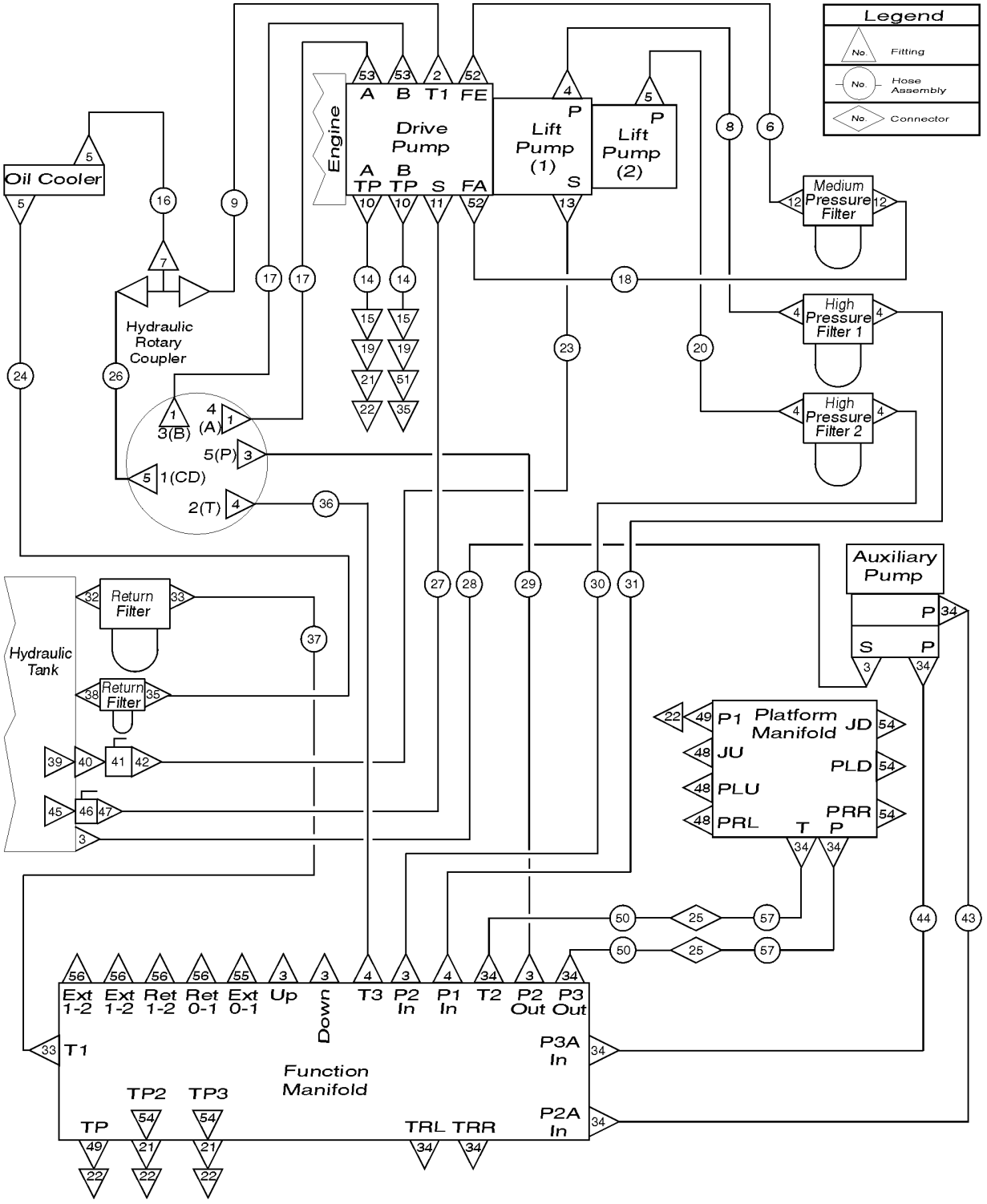
Item	Part No.	Description	Qty.
A-	49612GT	O-RING KIT (ORFS FITTINGS)	
B-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48911GT	ELBOW,90D,520220-4-6***	8
2	48880GT	CAP,DIAGNOSTIC NIPPLE	1
3	48997GT	NIPPLE,DIAGNOSTIC,#4	1
3-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
4	49117-5035-SGT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 48 inches	2
5	49117-6435GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 62 inches	2
6	49116-12237GT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 120 inches	1
7	49116-10937-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 107 inches	1
8	48912GT	CONN,520120-4-6***	12
9	48905GT	CONN,520120-4	4
10	49117-5835GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 56 inches	2
11	49119-10678GT	HOSE ASSY,1/4,STR FEM,STR FEM components: 48800, 48800 and 48751 @ 105 inches	2
12	48933GT	CONN,520120-8	5
13	49141-2963-SGT	HOSE ASSY,1/2,45 FEM,STR FEM components: 48822, 48826 and 48756 @ 27 inches	2
14	48963GT	FITTING,ELBOW,45D,520320-12	2
15	49116-10337GT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 101 inches	1
16	49116-11537-SGT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 113 inches	1
17	75613GT	CONN,090136-12-8	1


Legend
No. Fitting
No. Hose Assembly
No. Connector
Engine
Drive Pump
A B T1 FE
A B S FA
TP TP
Lift Pump (1)
Lift Pump (2)
Oil Cooler
Hydraulic Rotary Coupler
Medium Pressure Filter
High Pressure Filter 1
High Pressure Filter 2
1(CD)
2(T)
3(B)
4(A)
5(P)
Hydraulic Tank
Return Filter
Return Filter
Auxiliary Pump
Platform Manifold
P1
JU
PLU
PRL
JD
PLD
PRR
T
P
Function Manifold
Ext 1-2
Ext 1-2
Ret 1-2
Ret 0-1
Ext 0-1
Up
Down
T3
P2 In
P1 In
T2
P2 Out
P3 Out
T1
TP2
TP3
TP
TRL
TRR
P3A In
P2A In

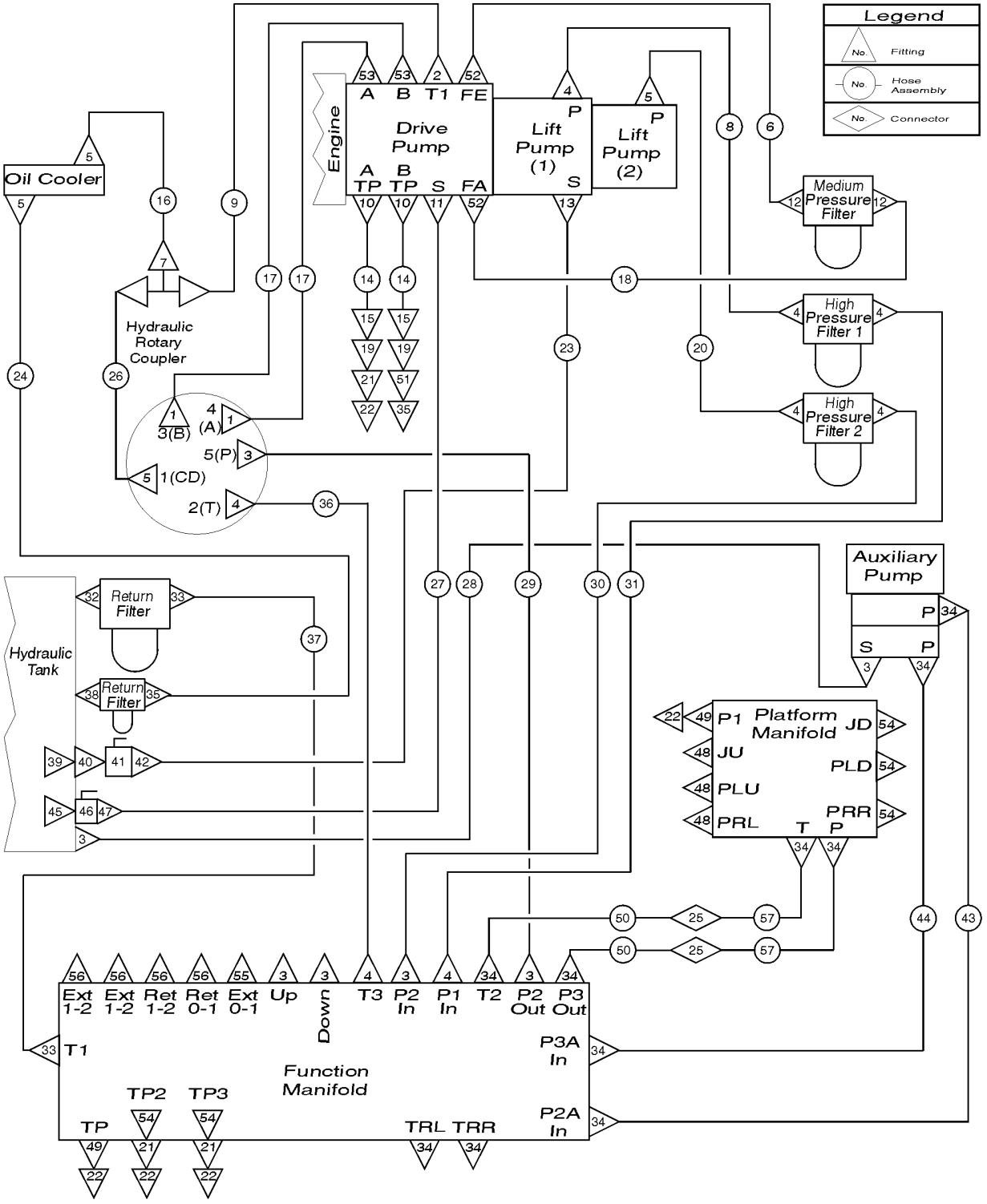
Item	Part No.	Description	Qty.
-	49612GT	O-RING KIT (ORFS FITTINGS)	
-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48963GT	FITTING,ELBOW,45D,520320-12	2
2	48959GT	FITTING,ELBOW,90D,520220-12	1
3	48933GT	CONN,520120-8	8
4	48960GT	FITTING,CONN,520120-12***	8
5	48948GT	CONN,520120-8-12	1
6	49143-2135GT	HOSE ASSY,1/2,90 FEM,STR FEMD* components: 48826, 48827 and 48756 @ 19 inches	1
7	228157GT	TEE,BULKHEAD,	1
8	61073-3230GT	HOSE ASSY,3/4,90 FEM,STR FEM** components: 48841, 48846 and 48762 @ 29 inches	1
9	94374-8929GT	HOSE ASSY,3/4,90 FEM,STR FEM components: 48841, 48846 and 94358 @ 87 inches	1
10	48905GT	CONN,520120-4	2
11	48984GT	CONN,520120-16	1
12	228156GT	FITTING,ELBOW,90D,	2
13	61352GT	KIT,FLANGE CODE 61 -20	1
14	75518-2272GT	HOSE ASSY,1/4" STR MALE STR FE components: 48800, 75628 and 48772 @ 20 inches	2
15	75574GT	NUT,BULKHEAD,520118-4	2
16	49151-1532GT	HOSE ASSY,3/4,STR FEM,STR FEM components: 48841, 48846 and 94358 @ 14 inches	1
17	94374-5530GT	HOSE ASSY,3/4,90 FEM,STR FEM** components: 48846, 48841 and 94358 @ 52 inches	2
18	49143-2779GT	HOSE ASSY,1/2,90 FEM,STR FEM components: 48826, 48827 and 48756 @ 25 inches	1
19	56233GT	O-RING,ORFS,-4	2
20	49143-3529GT	HOSE ASSY,1/2,90 FEM,STR FEM** components: 48826, 48827 and 48756 @ 33 inches	1
21	49207GT	NIPPLE, DIAGNOSTIC, ORFS, FM, SWIV	3
22	48880GT	CAP,DIAGNOSTIC NIPPLE	5
23	75288-5538GT	HOSE ASSY 1 1/2",90 FL FEMSTR* components: 61130, 61336 and 61328 @ 50 inches	1
24	94374-10115GT	HOSE ASSY,3/4,90 FEM,STR FEM components: 48841, 48846 and 94358 @ 100 inches	1
25	48924GT	CONN,BULKHEAD,520601-6	2
26	49141-2663GT	HOSE ASSY,1/2,45 FEM,STR FEM components: 48822, 48826 and 48756 @ 24 inches	1


Legend
No. Fitting
No. Hose Assembly
No. Connector
Engine
Drive Pump
A B T1 FE
A B S FA
TP TP
Lift Pump (1)
Lift Pump (2)
P
S
Oil Cooler
Hydraulic Rotary Coupler
Medium Pressure Filter
High Pressure Filter 1
High Pressure Filter 2
3(B)
(A)
5(P)
1(CD)
2(T)
Hydraulic Tank
Return Filter
Return Filter
Auxiliary Pump
Platform Manifold
P1
JU
PLU
PRL
JD
PLD
PRR
T
P
Ext 1-2
Ext 1-2
Ret 1-2
Ret 0-1
Ext 0-1
Up
Down
T3
P2 In
P1 In
T2
P2 Out
P3 Out
T1
Function Manifold
P3A In
P2A In
TP2
TP3
TP
TRL
TRR

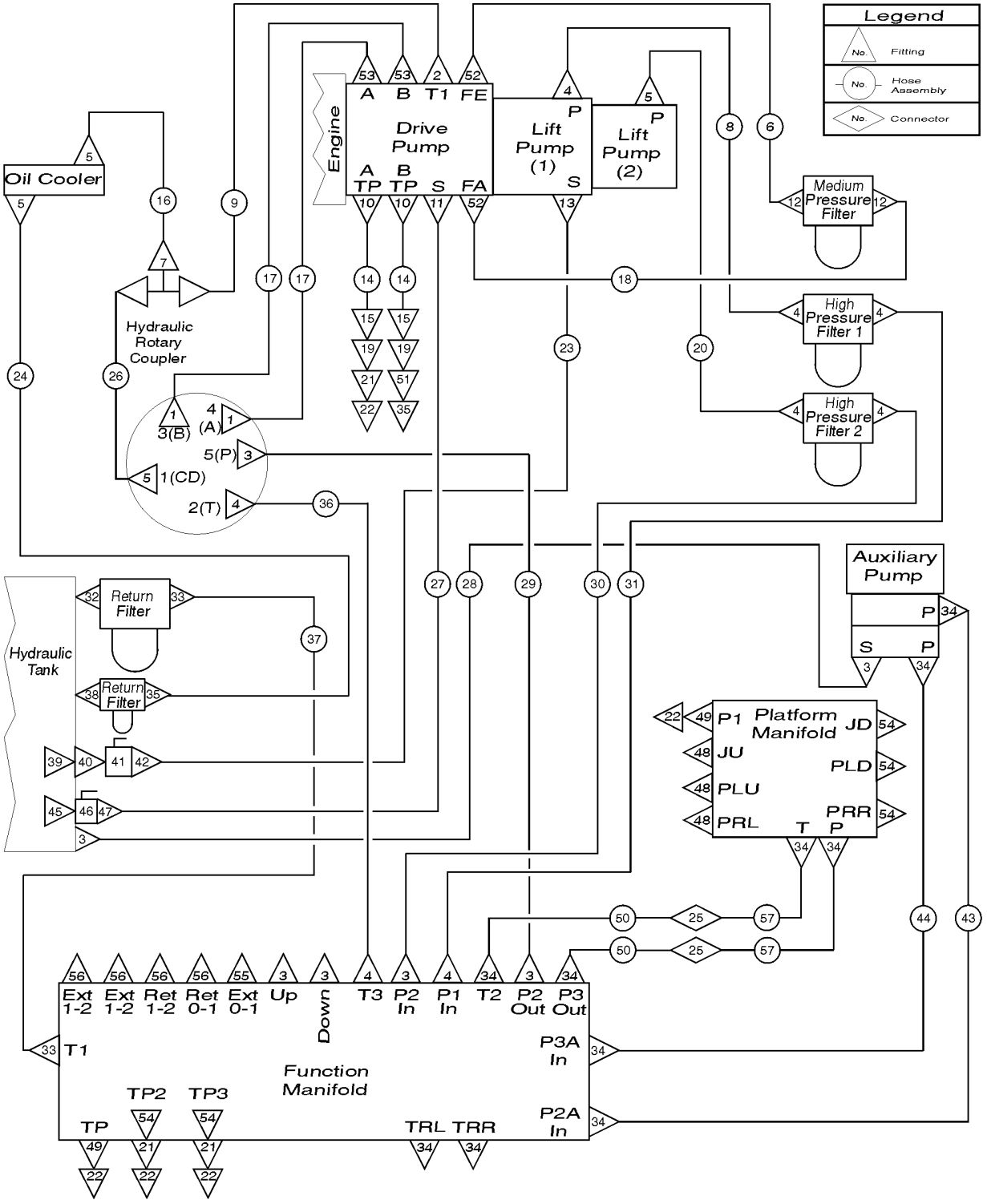
Item	Part No.	Description	Qty.
27	49159-6118GT	HOSE ASSY,1" 90 FEM,STR FEM*** components: 48854, 48855 and 48764 @ 57 inches	1
28	49143-3829GT	HOSE ASSY,1/2,90 FEM,STR FEMM* components: 48826, 48827 and 48756 @ 36 inches	1
29	49141-4263GT	HOSE ASSY,1/2,45 FEM,STR FEM components: 48822, 48826 and 48756 @ 40 inches	1
30	49143-6329GT	HOSE ASSY,1/2,90 FEM,STR FEMM components: 48826, 48827 and 48756 @ 61 inches	1
31	61073-6230GT	HOSE ASSY,3/4" 90 FEM STR FEM components: 48841, 48846 and 48762 @ 59 inches	1
32	61263GT	UNION,STR.THREAD 20	1
33	75654GT	CONN,520120-20	2
34	48916GT	CONN,520120-6	10
35	48880GT	CAP,DIAGNOSTIC NIPPLE	1
36	49149-4726GT	HOSE ASSY,3/4,45 FEM,STR FEM components: 48841, 48845 and 48761 @ 44 inches	1
37	75657-2515GT	HOSE ASSY,1-1/4"90DEG FEM,90DF components: 75655, 75655 and 75656 @ 18.75 inches	1
38	75971GT	UNION,STR.THREAD-8	1
39	75257GT	STRAINER ASSY,#24 O-RING	1
40	75254GT	UNION,STR.THREAD 24***	1
41	75256GT	VALVE BALL,24 FSAE-24 FSAE***	1
42	61083GT	CONN,520120-24	1
43	49126-1783GT	HOSE ASSY,3/8,45 FEM,STR FEM components: 48812, 48815 and 48753 @ 15.5 inches, (to SN S100HDD-314)	1
43B	1330046GT	ASSY,HOSE,HYD,-6,3000,STR,STR components: 48812, 48812 and 48753 @ 15.5 inches, (from SN S100HDD-315)	1
44	49126-1633GT	HOSE ASSY,3/8,45 FEM,STR FEM components: 48812, 48815 and 48753 @ 14 inches, (to SN S100HDD-314)	1
44B	1330045GT	ASSY,HOSE,HYD,-6,3000,STR,90 components: 48812, 48816 and 48753 @ 12 inches, (from SN S100HDD-315)	1
45	75253GT	STRAINER ASSY,#16 O-RING	1
46	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	1
47	48985GT	ELBOW,45D,520320-16	1
48	61259GT	ELBOW,90D,LONG,521520-4	3
49	48997GT	NIPPLE,DIAGNOSTIC,#4	2
50	49130-55982GT	HOSE ASSY, 3/8 (S-3200) components: 48812, 48812 and 48753 @ 558 inches	2
50-	49130-85882GT	HOSE ASSY 3/8,STR FEM,STR FEM (S-3800) components: 48812, 48812 and 48753 @ 857 inches	
51		HARNESS,PRESSURE TRANSDUCER OBSOLETE; USE UNTIL EXHAUSTED (contact customer service)	1


Legend
No. Fitting
No. Hose Assembly
No. Connector
Engine
Drive Pump
A B T1 FE
A B S FA
TP TP
Lift Pump (1)
Lift Pump (2)
Oil Cooler
Hydraulic Rotary Coupler
Medium Pressure Filter
High Pressure Filter 1
High Pressure Filter 2
1(CD)
2(T)
3(B)
4(A)
5(P)
Hydraulic Tank
Return Filter
Return Filter
Auxiliary Pump
Platform Manifold
P1
JU
PLU
PRL
JD
PLD
PRR
T
P
Function Manifold
Ext 1-2
Ext 1-2
Ret 1-2
Ret 0-1
Ext 0-1
Up
Down
T3
P2 In
P1 In
T2
P2 Out
P3 Out
T1
TP2
TP3
TP
TRL
TRR
P3A In
P2A In

Item	Part No.	Description	Qty.
52	48946GT	CONN,520120-8-10	2
53	48978GT	ELBOW,45D,520320-12-16	2
54	48904GT	ELBOW, 90D, 520220-4	5
55	48960GT	FITTING,CONN,520120-12***	1
56	48933GT	CONN,520120-8	4
57	49130-86582GT	HOSE ASSY 3/8,STR FEM,STR FEM components: 48812, 48812 and 48753 @ 864 inches	2

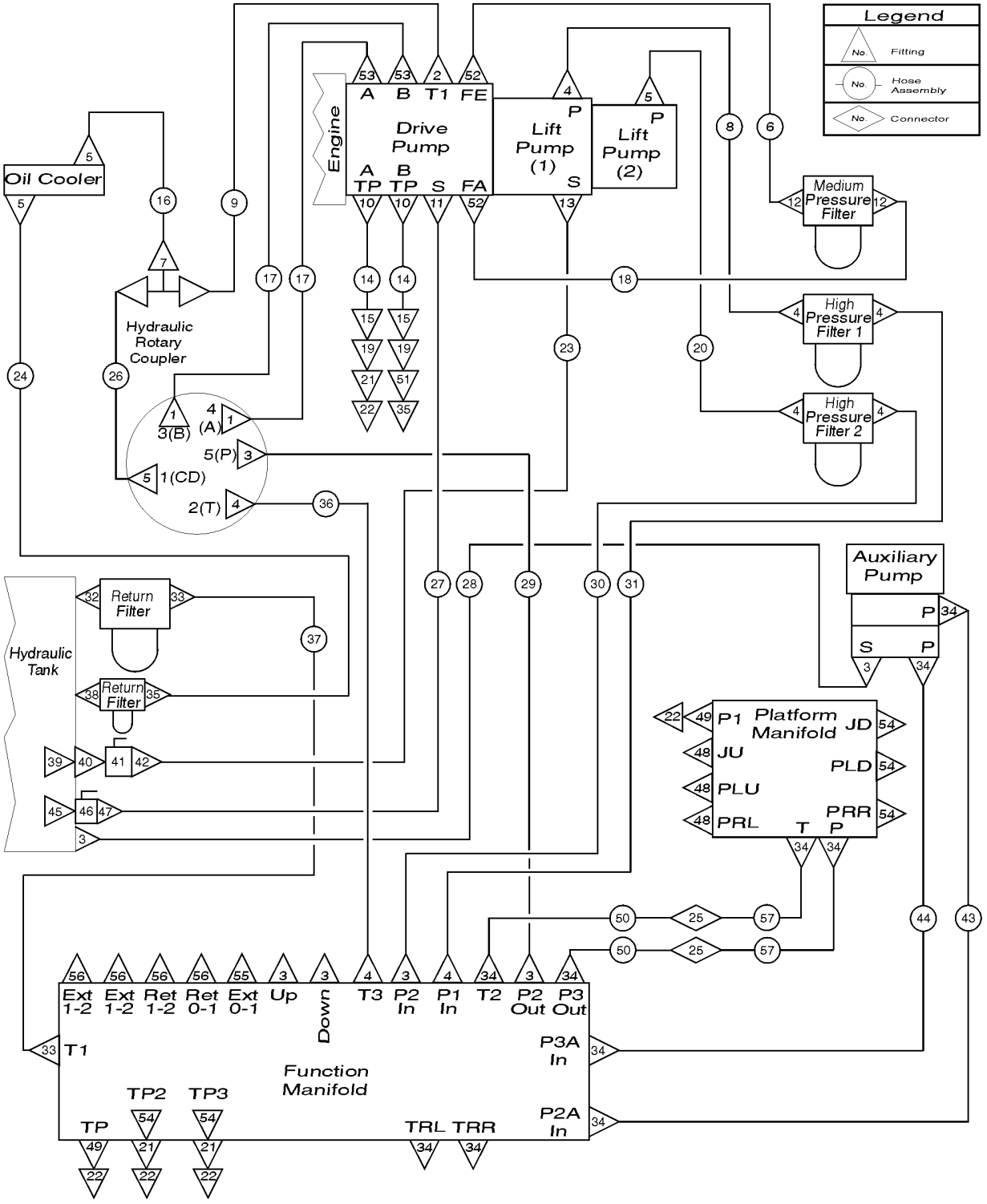

Legend
No. Fitting
No. Hose Assembly
No. Connector
Engine
Drive Pump
A B T1 FE
A B S FA
TP TP
Lift Pump (1)
Lift Pump (2)
P
S
Oil Cooler
Hydraulic Rotary Coupler
Medium Pressure Filter
High Pressure Filter 1
High Pressure Filter 2
3(B)
(A)
5(P)
1(CD)
2(T)
Hydraulic Tank
Return Filter
Return Filter
Auxiliary Pump
Platform Manifold
P1
JU
PLU
PRL
JD
PLD
PRR
T
P
Ext 1-2
Ext 1-2
Ret 1-2
Ret 0-1
Ext 0-1
Up
Down
T3
P2 In
P1 In
T2
P2 Out
P3 Out
T1
Function Manifold
P3A In
P2A In
TP2
TP3
TP
TRL
TRR

Item	Part No.	Description	Qty.
-	49612GT	O-RING KIT (ORFS FITTINGS)	
-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48963GT	FITTING,ELBOW,45D,520320-12	2
2	48959GT	FITTING,ELBOW,90D,520220-12	1
3	48933GT	CONN,520120-8	8
4	48960GT	FITTING,CONN,520120-12***	8
5	48948GT	CONN,520120-8-12	1
6	49143-2135GT	HOSE ASSY,1/2,90 FEM,STR FEMD* components: 48826, 48827 and 48756 @ 19 inches	1
7	228157GT	TEE,BULKHEAD,	1
8	61073-3230GT	HOSE ASSY,3/4,90 FEM,STR FEM** components: 48841, 48846 and 48762 @ 29 inches	1
9	94374-8929GT	HOSE ASSY,3/4,90 FEM,STR FEM components: 48841, 48846 and 94358 @ 87 inches	1
10	48905GT	CONN,520120-4	2
11	48984GT	CONN,520120-16	1
12	228156GT	FITTING,ELBOW,90D,	2
13	61352GT	KIT,FLANGE CODE 61 -20	1
14	75518-2272GT	HOSE ASSY,1/4" STR MALE STR FE components: 48800, 75628 and 48772 @ 20 inches	2
15	75574GT	NUT,BULKHEAD,520118-4	2
16	49151-1532GT	HOSE ASSY,3/4,STR FEM,STR FEM components: 48841, 48846 and 94358 @ 14 inches	1
17	94374-5530GT	HOSE ASSY,3/4,90 FEM,STR FEM** components: 48846, 48841 and 94358 @ 52 inches	2
18	49143-2779GT	HOSE ASSY,1/2,90 FEM,STR FEM components: 48826, 48827 and 48756 @ 25 inches	1
19	56233GT	O-RING,ORFS,-4	2
20	49143-3529GT	HOSE ASSY,1/2,90 FEM,STR FEM** components: 48826, 48827 and 48756 @ 33 inches	1
21	49207GT	NIPPLE, DIAGNOSTIC, ORFS, FM, SWIV	3
22	48880GT	CAP,DIAGNOSTIC NIPPLE	5
23	75288-5538GT	HOSE ASSY 1 1/2",90 FL FEMSTR* components: 61130, 61336 and 61328 @ 50 inches	1
24	94374-10115GT	HOSE ASSY,3/4,90 FEM,STR FEM components: 48841, 48846 and 94358 @ 100 inches	1
25	48924GT	CONN,BULKHEAD,520601-6	2
26	49141-2663GT	HOSE ASSY,1/2,45 FEM,STR FEM components: 48822, 48826 and 48756 @ 24 inches	1

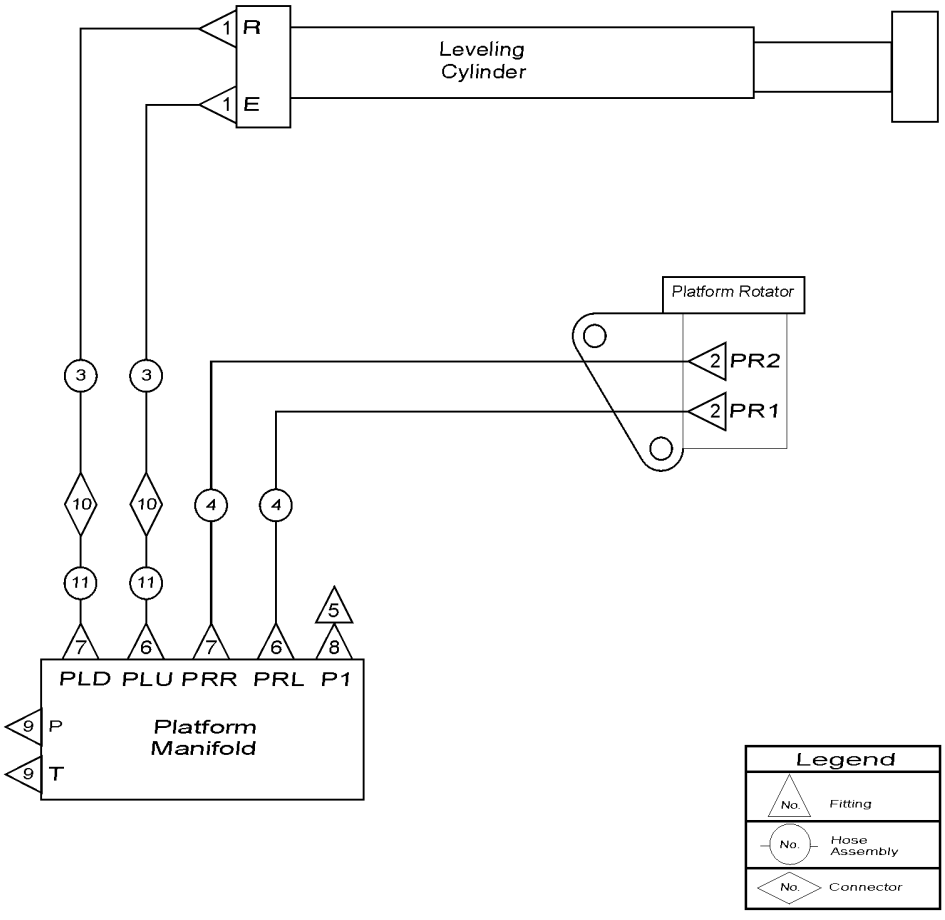

Legend
No. Fitting
No. Hose Assembly
No. Connector
Engine
Drive Pump
A B T1 FE
A B S FA
TP TP
Lift Pump (1)
Lift Pump (2)
Oil Cooler
Hydraulic Rotary Coupler
Medium Pressure Filter
High Pressure Filter 1
High Pressure Filter 2
1(CD)
2(T)
3(B)
4(A)
5(P)
Hydraulic Tank
Return Filter
Return Filter
Auxiliary Pump
Platform Manifold
P1
JU
PLU
PRL
JD
PLD
PRR
T
P
Function Manifold
Ext 1-2
Ext 1-2
Ret 1-2
Ret 0-1
Ext 0-1
Up
Down
T3
P2 In
P1 In
T2
P2 Out
P3 Out
T1
TP2
TP3
TP
TRL
TRR
P3A In
P2A In

Item	Part No.	Description	Qty.
27	49159-6118GT	HOSE ASSY,1" 90 FEM,STR FEM*** components: 48854, 48855 and 48764 @ 57 inches	1
28	49143-3829GT	HOSE ASSY,1/2,90 FEM,STR FEMM* components: 48826, 48827 and 48756 @ 36 inches	1
29	49141-4263GT	HOSE ASSY,1/2,45 FEM,STR FEM components: 48822, 48826 and 48756 @ 40 inches	1
30	49143-6329GT	HOSE ASSY,1/2,90 FEM,STR FEMM components: 48826, 48827 and 48756 @ 61 inches	1
31	61073-6230GT	HOSE ASSY,3/4" 90 FEM STR FEM components: 48841, 48846 and 48762 @ 59 inches	1
32	61263GT	UNION,STR.THREAD 20	1
33	75654GT	CONN,520120-20	2
34	48916GT	CONN,520120-6	10
35	48880GT	CAP,DIAGNOSTIC NIPPLE	1
36	49149-4726GT	HOSE ASSY,3/4,45 FEM,STR FEM components: 48841, 48845 and 48761 @ 44 inches	1
37	75657-2515GT	HOSE ASSY,1-1/4"90DEG FEM,90DF components: 75655, 75655 and 75656 @ 18.75 inches	1
38	75971GT	UNION,STR.THREAD-8	1
39	75257GT	STRAINER ASSY,#24 O-RING	1
40	75254GT	UNION,STR.THREAD 24***	1
41	75256GT	VALVE BALL,24 FSAE-24 FSAE***	1
42	61083GT	CONN,520120-24	1
43	49126-1783GT	HOSE ASSY,3/8,45 FEM,STR FEM components: 48812, 48815 and 48753 @ 15.5 inches, (to SN S120HDD-314)	1
43B	1330046GT	ASSY,HOSE,HYD,-6,3000,STR,STR components: 48812, 48812 and 48753 @ 15.5 inches, (from SN S120HDD-315)	1
44	49126-1633GT	HOSE ASSY,3/8,45 FEM,STR FEM components: 48812, 48815 and 48753 @ 14 inches, (to SN S120HDD-314)	1
44B	1330045GT	ASSY,HOSE,HYD,-6,3000,STR,90 components: 48812, 48816 and 48753 @ 12 inches, (from SN S120HDD-315)	1
45	75253GT	STRAINER ASSY,#16 O-RING	1
46	48996GT	VALVE, BALL, 16 MSAE-16 FSAE	1
47	48985GT	ELBOW,45D,520320-16	1
48	61259GT	ELBOW,90D,LONG,521520-4	3
49	48997GT	NIPPLE,DIAGNOSTIC,#4	2
50	49130-55982GT	HOSE ASSY, 3/8 (S-3200) components: 48812, 48812 and 48753 @ 558 inches	2
50-	49130-85882GT	HOSE ASSY 3/8,STR FEM,STR FEM (S-3800) components: 48812, 48812 and 48753 @ 857 inches	
51		HARNESS,PRESSURE TRANSDUCER OBSOLETE; USE UNTIL EXHAUSTED (contact customer service)	1

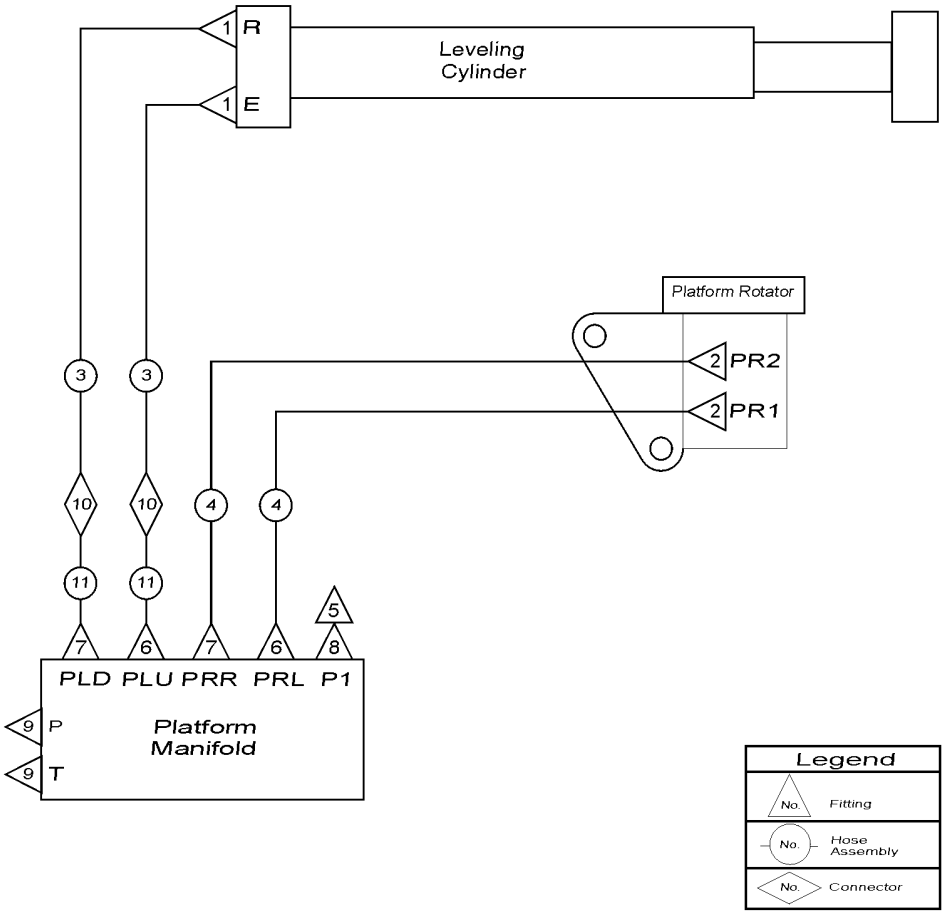
714.2 Engine and Hydraulic Tank, S-120HD



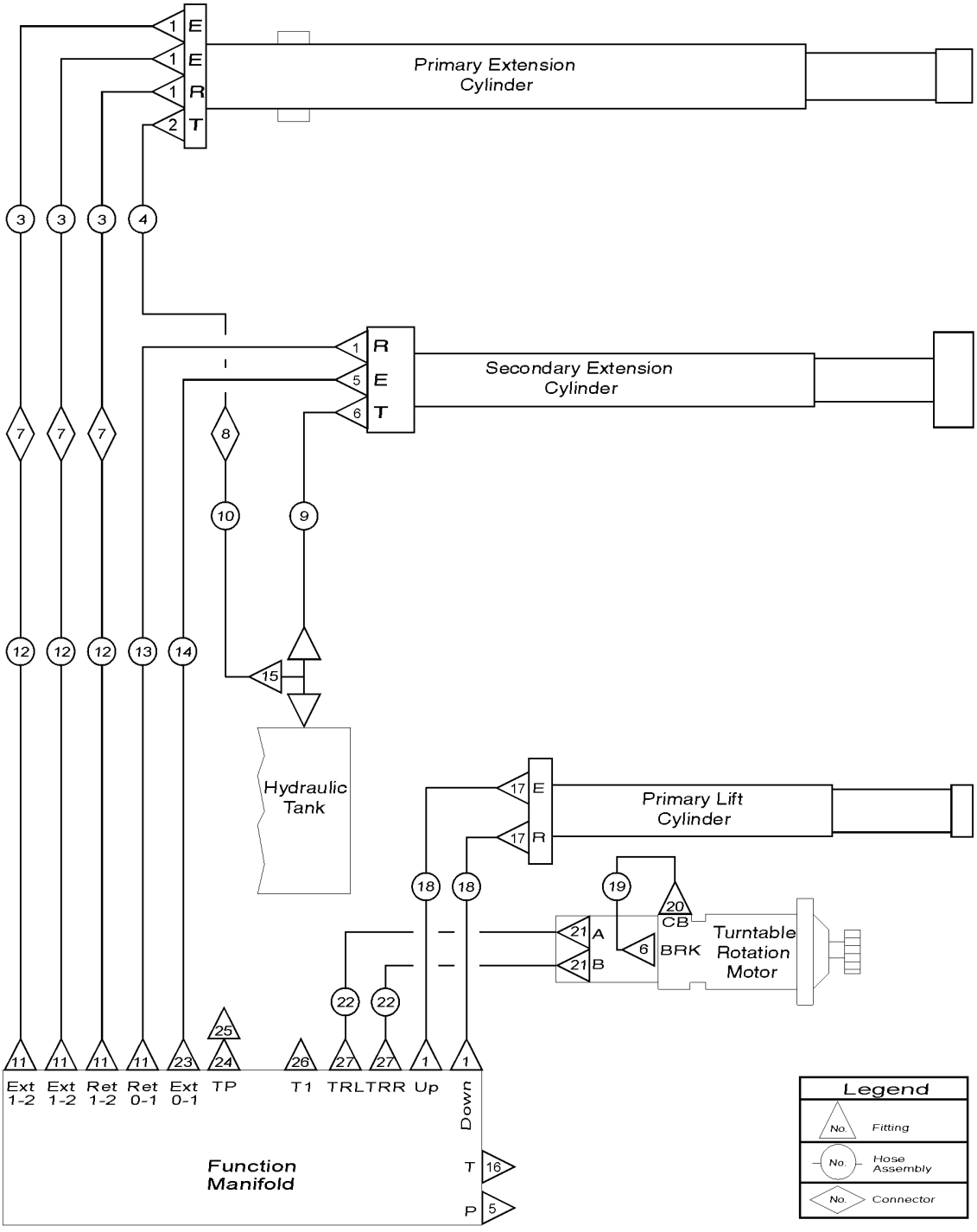
Item	Part No.	Description	Qty.
52	48946GT	CONN,520120-8-10	2
53	48978GT	ELBOW,45D,520320-12-16	2
54	48904GT	ELBOW, 90D, 520220-4	5
55	48960GT	FITTING,CONN,520120-12***	1
56	48933GT	CONN,520120-8	4
57	49130-86582GT	HOSE ASSY 3/8,STR FEM,STR FEM components: 48812, 48812 and 48753 @ 864 inches	2


1 R
1 E
Leveling Cylinder
Platform Rotator
2 PR2
2 PR1
3
3
10
10
4
4
11
11
5
7
6
7
6
8
PLD PLU PRR PRL P1
9 P
9 T
Platform Manifold
Legend
No. Fitting
No. Hose Assembly
No. Connector

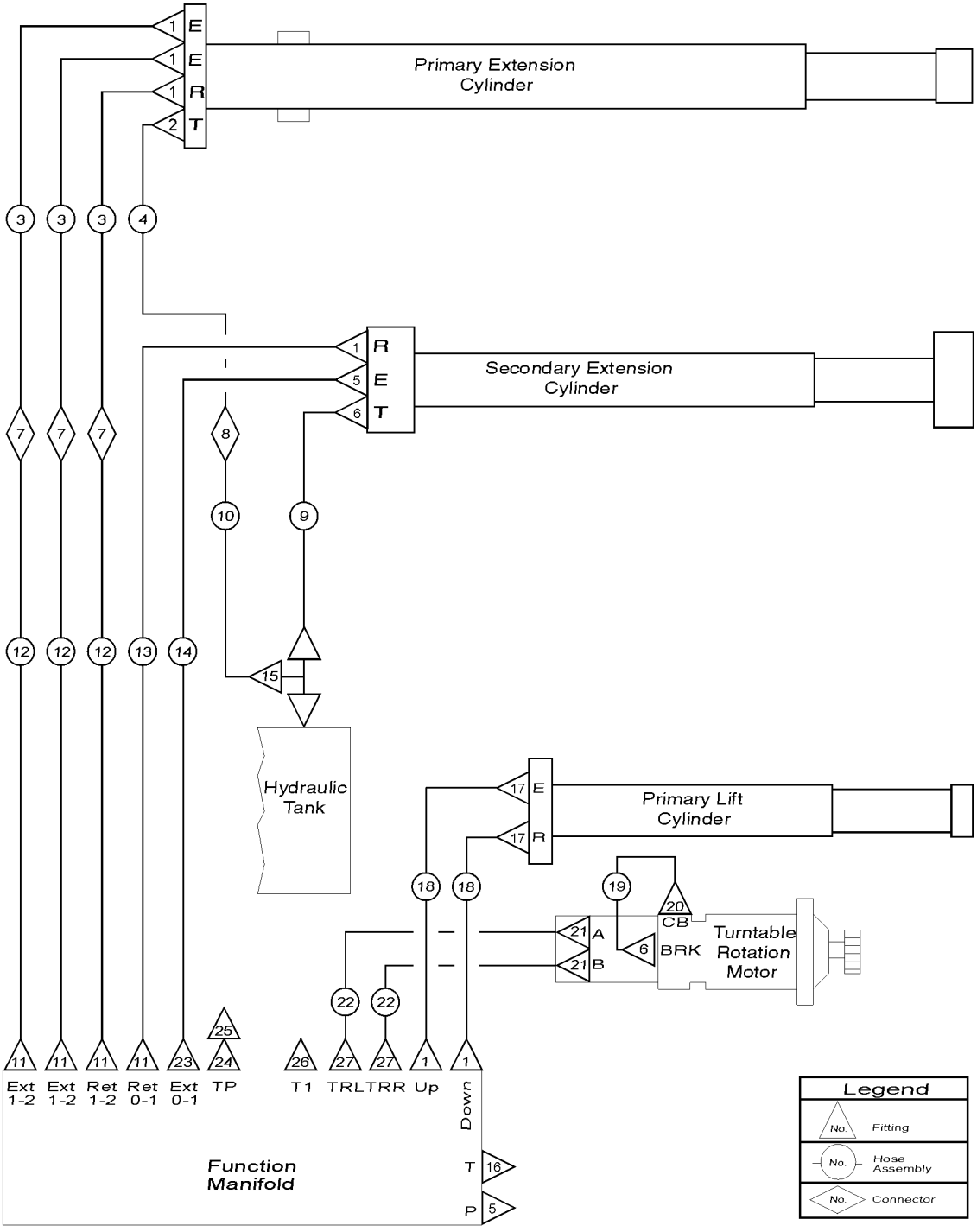
Item	Part No.	Description	Qty.
1	48912GT	CONN,520120-4-6***	2
2	48907GT	ELBOW,45D,520320-4	2
3	49117-3191GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 30 inches	
4	49119-3878GT	HOSE ASSY,1/4,STR FEM,STR FEM components: 48800, 48800 and 48751 @ 37 inches	2
5	48880GT	CAP,DIAGNOSTIC NIPPLE	1
6	61259GT	ELBOW,90D,LONG,521520-4	2
7	48904GT	ELBOW, 90D, 520220-4	2
8	48997GT	NIPPLE,DIAGNOSTIC,#4	1
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
9	48915GT	ELBOW,90D,520220-6	2
10	61079GT	ELBOW,90D,BULKHEAD,520701-4	2
11	49117-5591GT	HOSE ASSY,1/4,90 FEM,STR FEM** components: 48800, 48802 and 48751 @ 54 inches	2


1 R
1 E
Leveling Cylinder
Platform Rotator
2 PR2
2 PR1
3
3
10
10
4
4
11
11
5
7
6
7
6
8
PLD PLU PRR PRL P1
9 P
9 T
Platform Manifold
Legend
No. Fitting
No. Hose Assembly
No. Connector

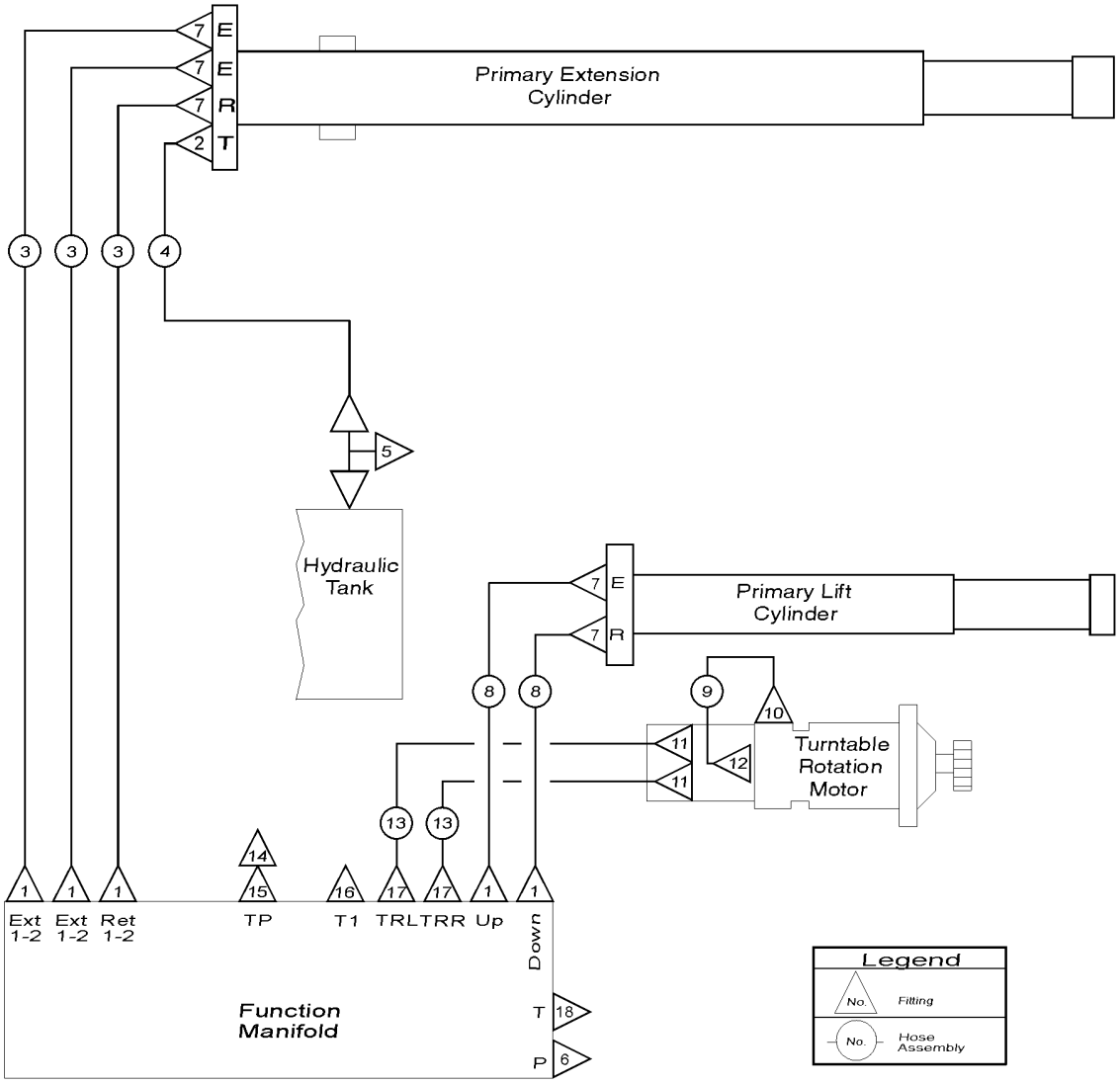
Item	Part No.	Description	Qty.
1	48912GT	CONN,520120-4-6***	2
2	48907GT	ELBOW,45D,520320-4	2
3	49117-3191GT	HOSE ASSY,1/4,90 FEM,STR FEM components: 48800, 48802 and 48751 @ 30 inches	
4	49119-3878GT	HOSE ASSY,1/4,STR FEM,STR FEM components: 48800, 48800 and 48751 @ 37 inches	2
5	48880GT	CAP,DIAGNOSTIC NIPPLE	1
6	61259GT	ELBOW,90D,LONG,521520-4	2
7	48904GT	ELBOW, 90D, 520220-4	2
8	48997GT	NIPPLE,DIAGNOSTIC,#4	1
8-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
9	48915GT	ELBOW,90D,520220-6	2
10	61079GT	ELBOW,90D,BULKHEAD,520701-4	2
11	49117-5591GT	HOSE ASSY,1/4,90 FEM,STR FEM** components: 48800, 48802 and 48751 @ 54 inches	2


Primary Extension Cylinder
Secondary Extension Cylinder
Hydraulic Tank
Primary Lift Cylinder
Turntable Rotation Motor
CB
BRK
Function Manifold
Ext 1-2
Ext 1-2
Ret 1-2
Ret 0-1
Ext 0-1
TP
T1
TRL
TRR
Up
Down
T
P
Legend
Fitting
Hose Assembly
Connector

Item	Part No.	Description	Qty.
-	49612GT	O-RING KIT (ORFS FITTINGS)	
-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48933GT	CONN,520120-8	6
2	48907GT	ELBOW,45D,520320-4	1
3	49143-42290GT	HOSE ASSY,1/2,90 FEM,STR FEMM components: 48822, 48827 and 48756 @ 420 inches	3
4	49116-42237GT	HOSE ASSY,1/4,45 FEM,STR FEM components: 48800, 48801 and 48751 @ 420 inches	1
5	48960GT	FITTING,CONN,520120-12***	2
6	48905GT	CONN,520120-4	2
7	48894GT	CONN,BULKHEAD,520601-8	3
8	61269GT	UNION,BULKHEAD,ORFS,520601,-4	1
9	49118-23308GT	HOSE ASSEMBLY components: 48800, 48811 and 48751 @ 231 inches	
10	49120-55181GT	HOSE ASSEMBLY,1/4" components: 48800, 48810 and 48751 @ 550 inches	1
11	48933GT	CONN,520120-8	
12	49183-53592GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 534inches	
13	49183-20752GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 208 inches	1
14	61074-20748GT	HOSE ASSEMBLY,3/4" components: 48841, 48841 and 48762 @ 205.2 inches	1
15	48918GT	TEE,RUN,520428-6	
16	48983GT	ELBOW,90D,520220-16	1
17	48937GT	ELBOW,45D,520320-8	2
18	49183-10692GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 105 inches	2
19	49117-1391GT	HOSE ASSEMBLY-1/4" (#89) components: 48800, 48802 and 48751 @ 12 inches	1
20	48904GT	ELBOW, 90D, 520220-4	1
21	48931GT	CONN,520120-6-10	2
22	49128-3109-SGT	HOSE ASSEMBLY,3/8 components: 48812, 48816 and 48753 @ 29 inches	2
23	48960GT	FITTING,CONN,520120-12***	
24	48997GT	NIPPLE,DIAGNOSTIC,#4	1
24-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
25	48880GT	CAP,DIAGNOSTIC NIPPLE	1

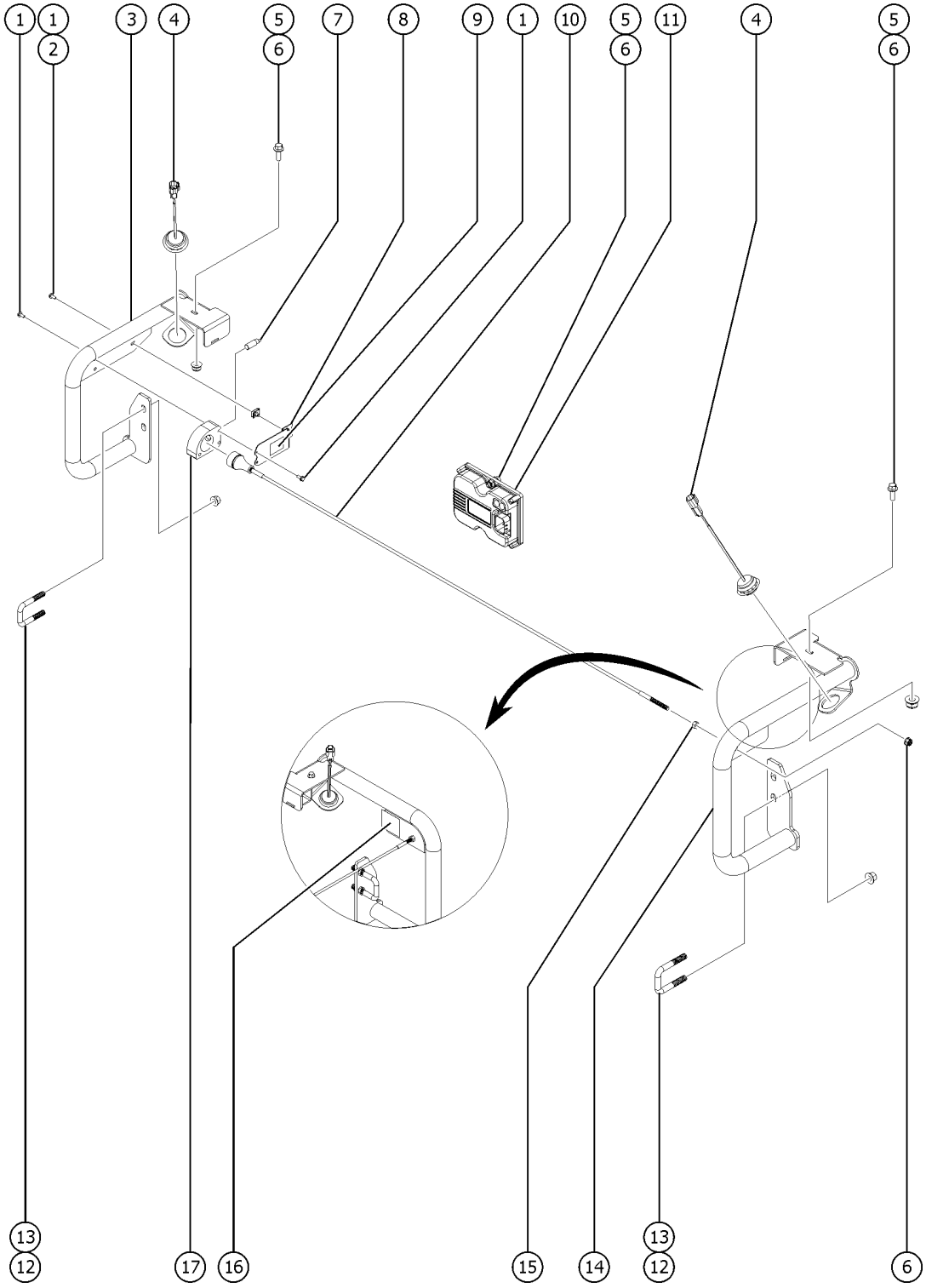

Primary Extension Cylinder
Secondary Extension Cylinder
Hydraulic Tank
Primary Lift Cylinder
Turntable Rotation Motor
BRK
CB
Ext 1-2
Ext 1-2
Ret 1-2
Ret 0-1
Ext 0-1
TP
T1
TRL
TRR
Up
Down
Function Manifold
T
P
Legend
Fitting
Hose Assembly
Connector

Item	Part No.	Description	Qty.
26	61260GT	REDUCER,520123-20-12	1
27	48916GT	CONN,520120-6	2


Primary Extension Cylinder
Primary Lift Cylinder
Hydraulic Tank
Turntable Rotation Motor
Function Manifold
Ext 1-2
Ext 1-2
Ret 1-2
TP
T1
TRL
TRR
Up
Down
T
P
Legend
Fitting
Hose Assembly

Item	Part No.	Description	Qty.
-	49612GT	O-RING KIT (ORFS FITTINGS)	
-	49613GT	PLUG AND CAP KIT-SERVICE,ORFS*	
1	48933GT	CONN,520120-8	5
2	48907GT	ELBOW,45D,520320-4	1
3	49183-12192GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 120 inches	3
4	49120-12981GT	HOSE ASSY,1/4" STR FEM STR FEM components: 48800, 48810 and 48751 @ 128 inches	1
5	48918GT	TEE,RUN,520428-6	
5-	59335GT	CAP,520112-6	
6	48960GT	FITTING,CONN,520120-12***	1
7	48937GT	ELBOW,45D,520320-8	6
8	49183-10692GT	HOSE ASSY,1/2,STR FEM,STR FEM components: 48822, 48822 and 48756 @ 105 inches	2
9	49117-1391GT	HOSE ASSEMBLY-1/4" (#89) components: 48800, 48802 and 48751 @ 12 inches	1
10	48904GT	ELBOW, 90D, 520220-4	1
11	48931GT	CONN,520120-6-10	2
12	48905GT	CONN,520120-4	2
13	49128-3109-SGT	HOSE ASSEMBLY,3/8 components: 48812, 48816 and 48753 @ 29 inches	
14	48880GT	CAP,DIAGNOSTIC NIPPLE	1
15	48997GT	NIPPLE,DIAGNOSTIC,#4	1
15-	20224GT	DIAGNOSTIC FEMALE Q-DSCNT	
16	61260GT	REDUCER,520123-20-12	1
17	48916GT	CONN,520120-6	2
18	48983GT	ELBOW,90D,520220-16	1

801.1 Contact Alarm Option



Item	Part No.	Description	Qty.
A	1310489GT	HARNESS, CONTACT ALARM, ALC1000	1
1	1264934GT	SCREW,HHF,10-24X.5	6
2	73575GT	SPRING CLIP,10-24,.025-.125X.468,ZAG	1
3	1313307GT	WELDMENT, LEFT CONTACT ALARM, LARGE	1
4	1308384GT	ASSY, LIGHTS, 12/24 V CONTACT ALARM, AMBER	2
5	824078GT	SCREW,HHF,1/4-20X.75,8,ZAG	3
6	1277924GT	NUT,NYLOCK FLG,1/4-20,F,ZAG	4
7	1278119GT	ASSEMBLY,SENSOR, PROX,CONTACT ALARM	1
8	1277873GT	FORMING, SENSOR HOLDER	1
9	1278542GT	DECAL, INSTRUCTION, CONTACT ALARM	1
10	1306900GT	CONTACT ALARM WIRE ASSY, LARGE	1
11	1308388GT	MODULE, CONTACT ALARM GEN II, CURTIS 1352-4002	1
12	1313305GT	U-BOLT, FLATTENED, ?1.5 X 3/8 UNC,ZAG	2
13	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG	4
14	1313301GT	WELDMENT, RIGHT CONTACT ALARM, LARGE	1
15	1261184GT	NUT,1/4-20,8,ZAG	1
16	1278982GT	DECAL, INSTRUCTION, ACTUATOR SWITCH SOCKET	1
17	1306899GT	HOLDER, SENSOR	1

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California Proposition 65

⚠ WARNING

Operating, servicing and maintaining this equipment, passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.

Distributed By:

Parts Manual
S-100HD, S-120HD

from SN S100HD14D-200 to S100HD16D-229
from SN S120HD14D-201 to S120HD16D-229
from SN S100HDD-230
from SN S120HDD-230

Part No. 1256212GT
Rev A27

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