A TEREX BRAND

# Parts Manual

Serial Number Range

## HANDY LIFT

from SN 2482-101 to 2492-2811

Part No. 22187GT
Rev: B.21
September 2024

## 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

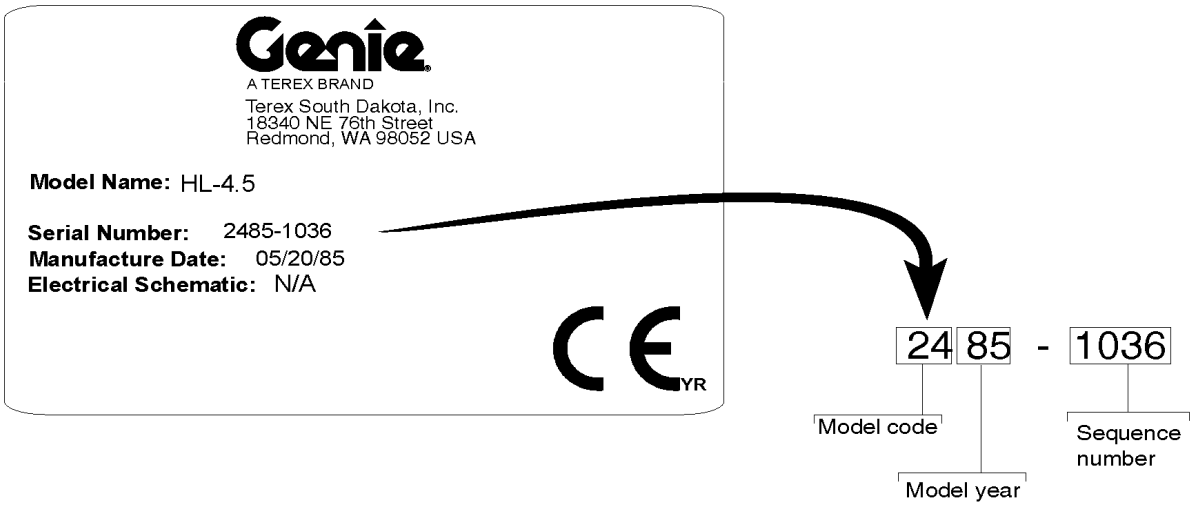
Go to http://www.genielift.com

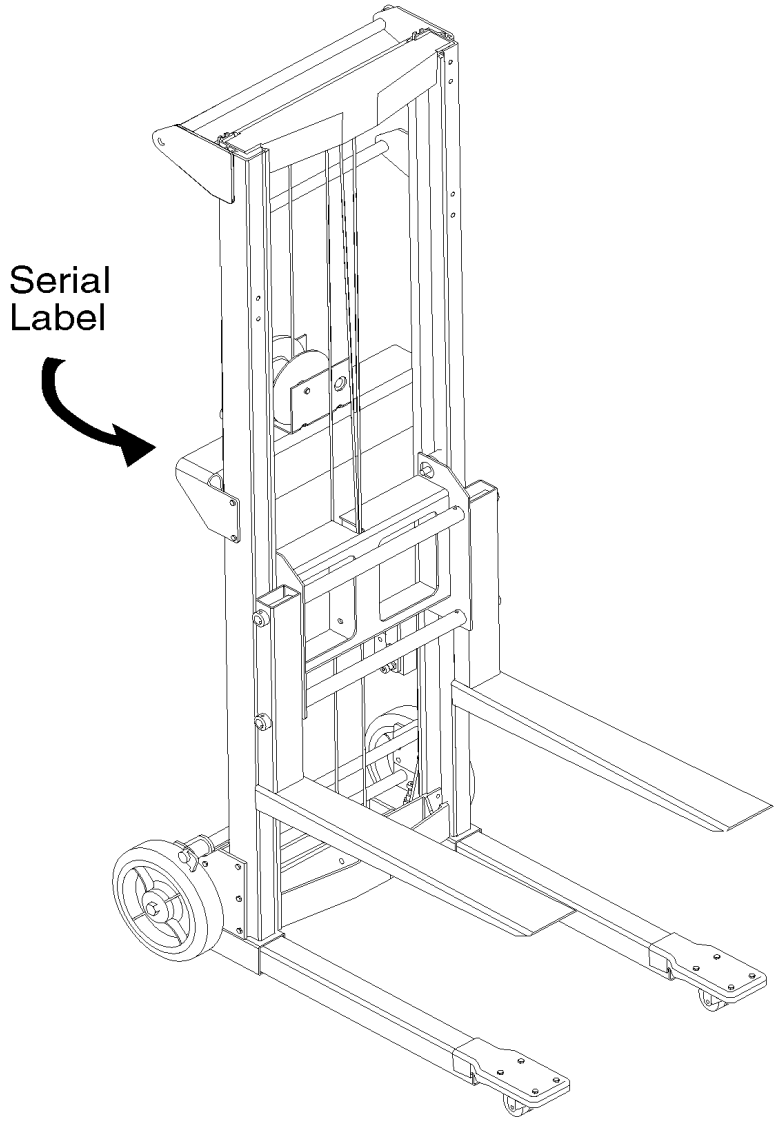
Use the links to locate Operator's, Parts, Maintenance, and Service and Repair Manuals.

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22187GT Rev B.21 September 2024
First Edition, Second Printing

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Printed on recycled paper


Genie
A TEREX BRAND
Terex South Dakota, Inc.
18340 NE 76th Street
Redmond, WA 98052 USA
Model Name: HL-4.5
Serial Number: 2485-1036
Manufacture Date: 05/20/85
Electrical Schematic: N/A
CE YR
24 85 - 1036
Model code
Model year
Sequence number


Serial Label

## 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 for *Genie Handy Lift Models.*

| Description | Part No. |
|---|---|
| Carriage Weldment | 6040 |
| Fork Weldment | 5313 |
| Pulley with Bearing | 5054 |
| Cable Assemble 4.5 | 5299 |
| Cable Assemble 3.5 | 5312 |
| Winch Assemble | 5109 |
| Winch, Handle | 16342 |
| Cable Keeper Kit | 6190 |
| Roller | 5117 |
| Roller Bolt | 21280 |
| Leg Weldment | 5261 |

## 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 | 31587 |

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 |
|---|---|---|---|
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**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)

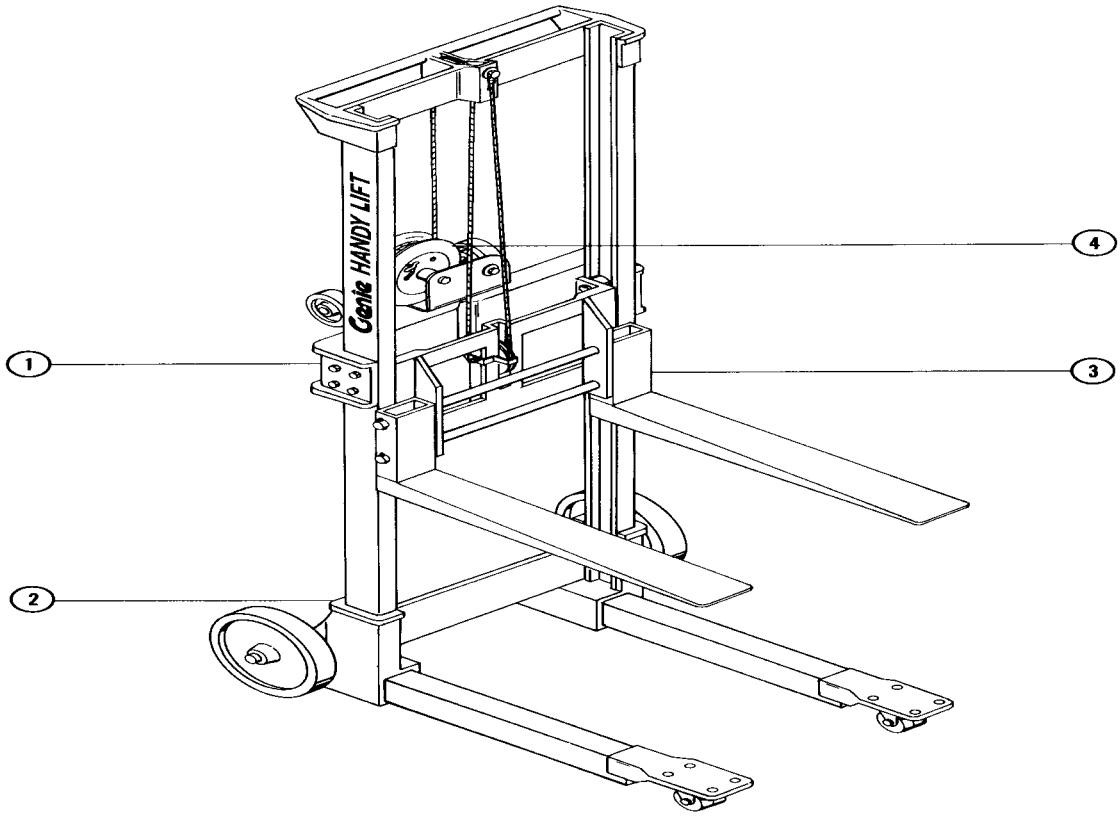
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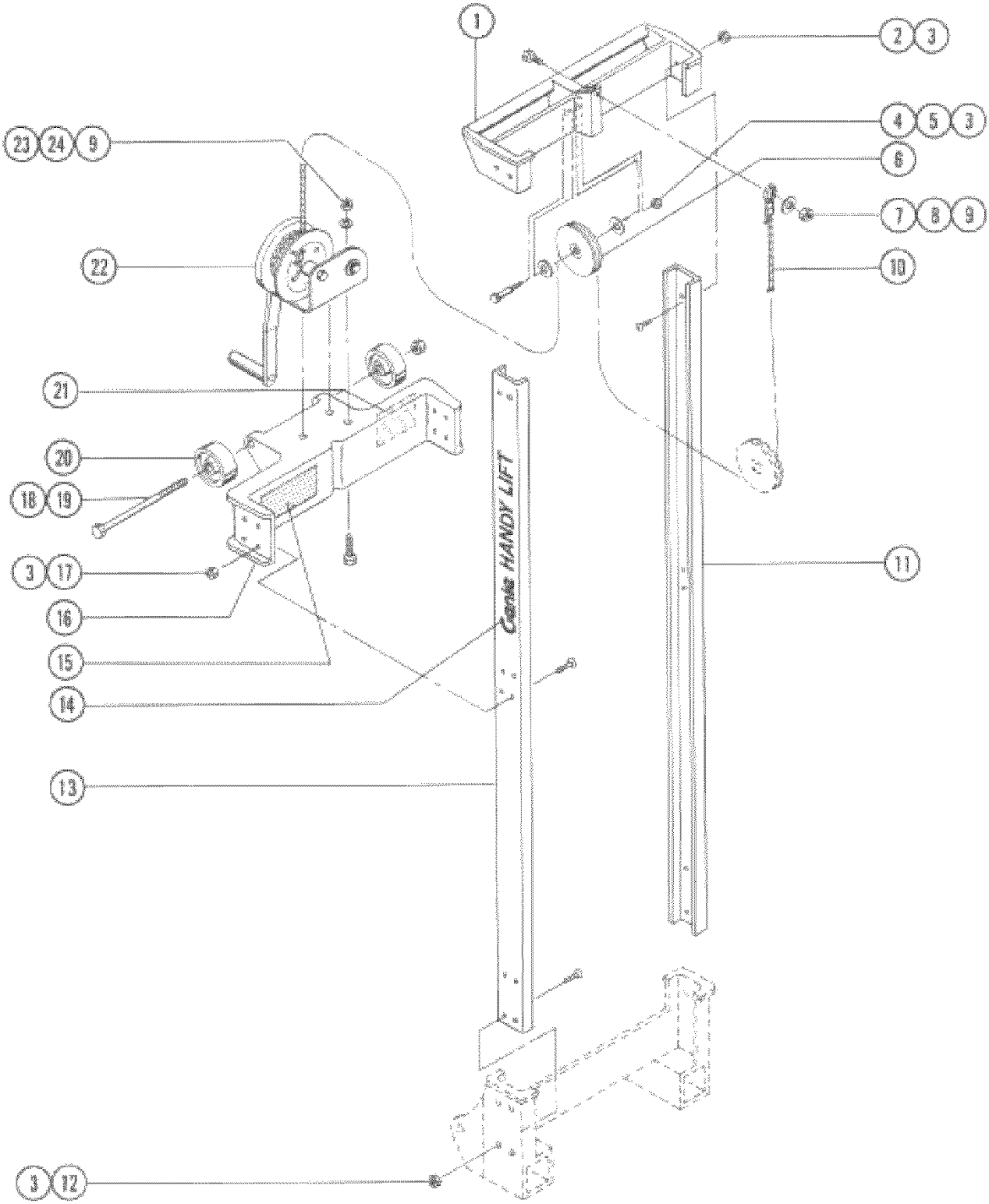
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101.1 Overview, Genie Handy Lift



| *Item* | *Part No.* | *Description* | *Qty.* |
|---|---|---|---|
| 1 | | Frame Assembly Refer to 201.1 | |
| 2 | | Base Assembly Refer to 301.1 | |
| 3 | | Carriage Assembly Refer to 401.1 | |
| 4 | | Winch Assembly Refer to 501.1 | |
| 4 | | Accessories Refer to 601.1 | |

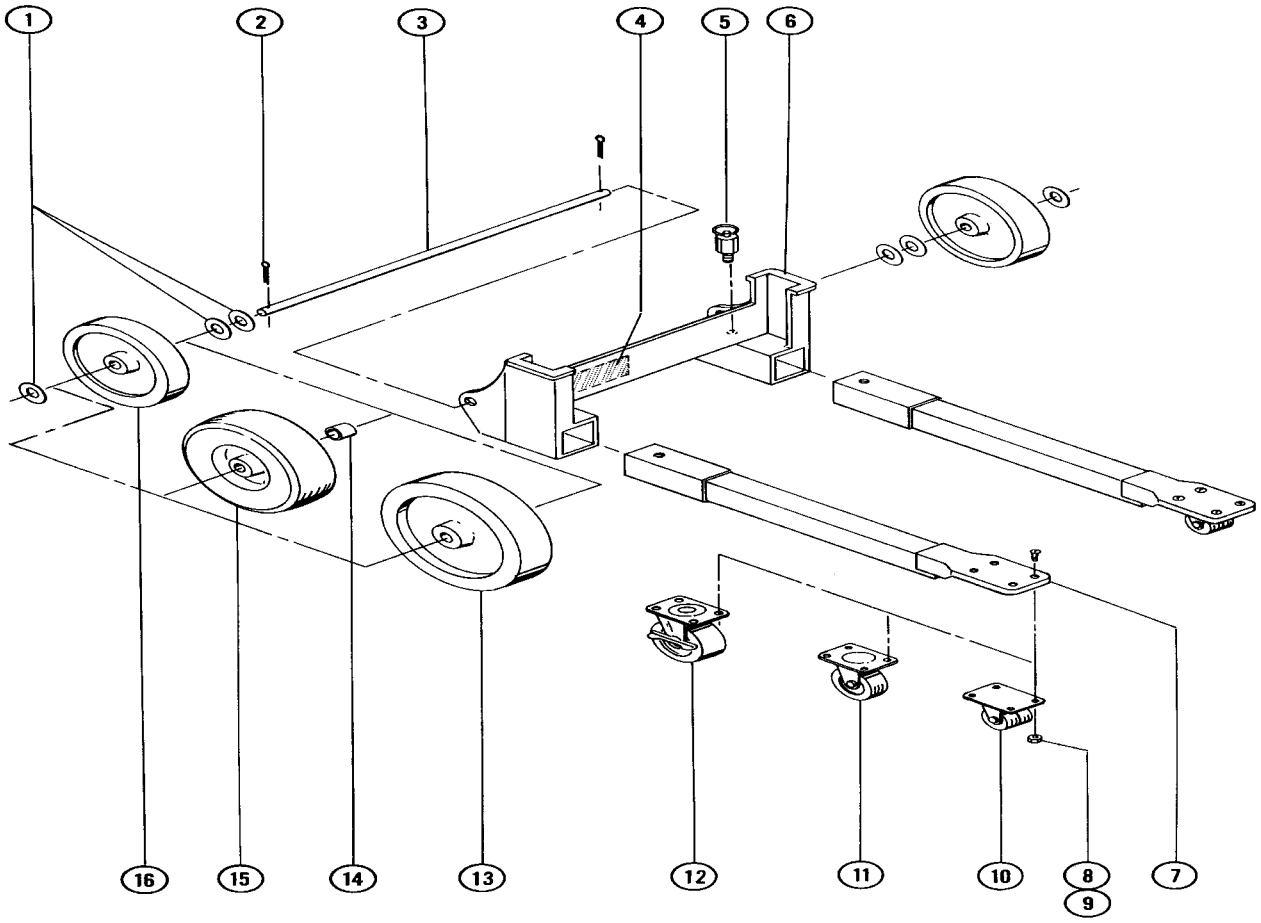
102.1 Frame Assembly



102.1 Frame Assembly

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | | HANDLE CASTING<br>(component no longer available) | 1 |
| 2 | 6090GT | SCREW, HHC, 1/4-20 X .75 | 4 |
| 3 | 6889GT | NUT,LP NYLOCK,1/4-20 | 21 |
| 4 | 5311GT | SCREW,SHS,1/4-20 X 1.25 | 1 |
| 5 | 13066GT | WASHER,FLAT,.5 HARDENED | 2 |
| 6 | 5054GT | PULLEY ASSEMBLY, HL | 1 |
| 7 | 6175GT | SCREW,HHC,3/8-16 X 1 | 1 |
| 8 | 6097GT | WASHER, FLAT, USS, 3/8", Y | 4 |
| 9 | 4828GT | NUT, NYLOCK, 3/8-16 | 4 |
| 10 | 5299GT | CABLE ASSEMBLY-HL4.5**<br>Model 4.5 | 1 |
| 10 | 5299GT | CABLE ASSEMBLY-HL4.5**<br>Model 3.5 (cable replacement coupler , 12402) | 1 |
| 11 | | CHANNEL,LH-HL4.5 FRAME---62.5"<br>Model 4.5; no longer available | 1 |
| 11 | 5016GT | Frame - L H<br>Model 3.5 | 1 |
| 12 | 21671GT | SCREW,FHS,1/4-20 X .88 | 8 |
| 13 | | CHANNEL,RH-HL4.5 FRAME---62.5"<br>Model 4.5; no longer available | 1 |
| 13 | 5015GT | Frame - R H<br>Model 3.5 | 1 |
| 14 | 5304GT | DECAL,"GENIE HANDY LIFT" | 2 |
| 15 | 5189GT | DECAL,CAUTION" | 1 |
| 16 | | WINCH CASTING,GL/HL,DRILLED<br>Part is no longer available | 1 |
| 17 | 14182GT | SCREW,FHS,1/4-20 X 1 | 8 |
| 18 | 14181GT | SCREW,HHC,1/2-13 X 12 GRD.2 | 1 |
| 19 | 6086GT | NUT,LP NYLOCK,1/2-13 | 1 |
| 20 | 57784GT | WHEEL,POLYOLEFIN,4X1.25,1/2 | 2 |
| 21 | 5301GT | DECAL,HANDY LIFT OPER.INST.<br>Model 4.5 | 1 |
| 22 | | Winch Assembly, Refer to Figure 5 | 1 |
| 23 | 6019GT | SCREW,HHC,3/8-16 X 1.25 GRD 5 | 3 |
| 24 | 6021GT | WASHER, LOCK, .375 | 3 |

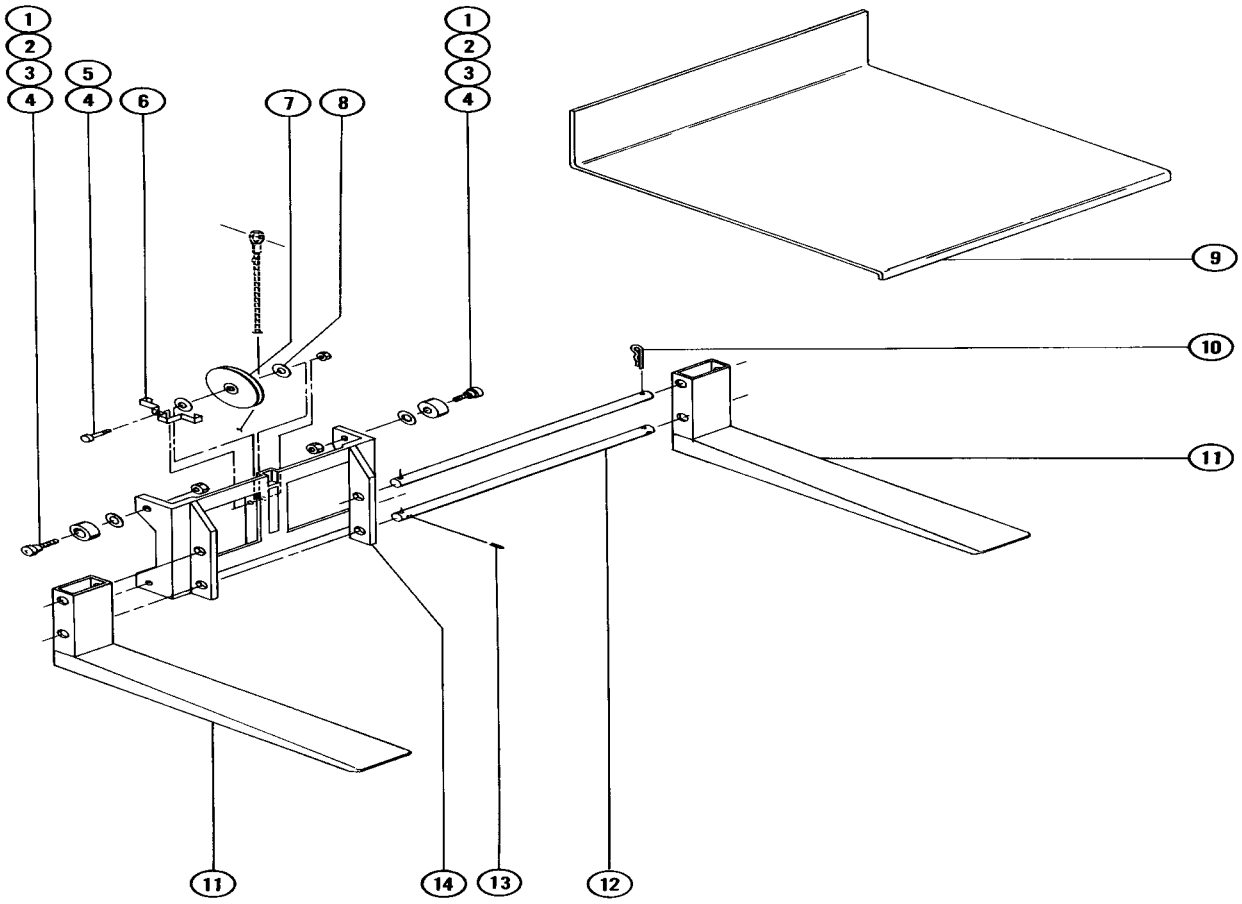
103.1 Base Assembly



103.1 Base Assembly

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 6035GT | WASHER,FLAT,USS,5/8",Y | 6 |
| 2 | 6094GT | PIN,COTTER,.125 X 1 | 2 |
| 3 | 5212ZGT | AXLE-.625 X 24",ZINC (GL/HL) | 1 |
| 3 | 5351ZGT | AXLE,PNEU.OPT.27.25 X.625 ZINC | 1 |
| 4 | | Serial Number Plate (Consult factory for ordering) | 1 |
| 5 | 6277GT | PIN,LOCK,SHORT W/PULL RING | 2 |
| 6 | 5103GT | BASE CASTING,GL/HL--DRILLED | 1 |
| 7 | 5261GT | LEG WELDMENT--HL | 2 |
| 8 | 10107GT | SCREW,HHC,5/16-18 X .75 | 8 |
| 9 | 6002GT | NUT, LP NYLOCK, 5/16-18 | 8 |
| 10 | 6415GT | CASTER, PL SW DUAL 2.0 X 1.88 | 2 |
| 11 | 6219GT | CASTER, PL SW 3.0 X 1.25 | 2 |
| 12 | 6109GT | CASTER,PL SW W/SB 4 X 1.25*** | 2 |
| 13 | 5309GT | WHEEL,HR-12X3,1"BB W/.62SLEEVE | 2 |
| 14 | 19091GT | CONDUIT-.78" FP AXLE SPACER | 2 |
| 15 | 80677GT | WHEEL,PNEUMATIC,10",5/8" HUB | 2 |
| 16 | 33852GT | WHEEL, 8 X.625 X 1.625 | 2 |

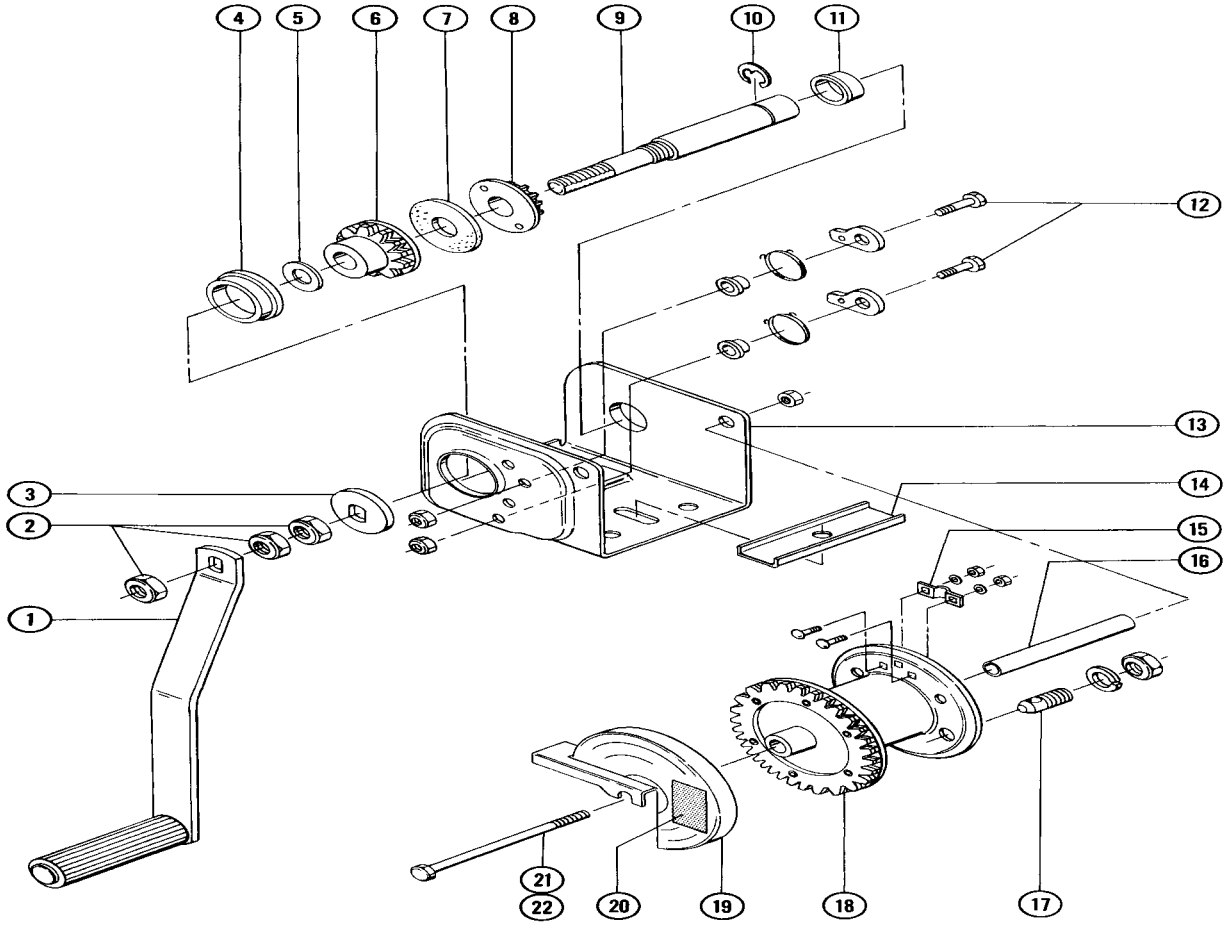
104.1 Carriage Assembly



104.1 Carriage Assembly

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| 1 | 21280GT | BOLT-ROLLER,3/8-24 X 1.69-ZINC | 2 |
| 2 | 5117GT | ROLLER,NYLATRON, 1.437" O.D. | 2 |
| 3 | 7268GT | WASHER,SHIM,.375 X.625X.033 ST | 2 |
| 4 | 5408GT | NUT,LP NYLOCK,3/8-24 | 2 |
| 5 | 5311GT | SCREW,SHS,1/4-20 X 1.25 | 2 |
| 6 | 5345GT | CLIP-CABLE RETAINER | 1 |
| 7 | 5054GT | PULLEY ASSEMBLY, HL | 1 |
| 8 | 13066GT | WASHER,FLAT,.5 HARDENED | 2 |
| 9 | 5308GT | OBS.SEE 5403 (LOAD PLAT) | 1 |
| 10 | 5135GT | CLIP,HAIR PIN .094 X 2.5 | 2 |
| 11 | 5313GT | FORK WELDMENT -HANDY LIFT | 2 |
| 12 | 5350ZGT | FORK SUPT.TUBE, H.L.,ZINC-19.5 | 2 |
| 13 | 6142GT | PIN,ROLL,.125 X 1.25 | 2 |
| 14 | | HL CARRIAGE CASTING<br>(no longer available) | 1 |

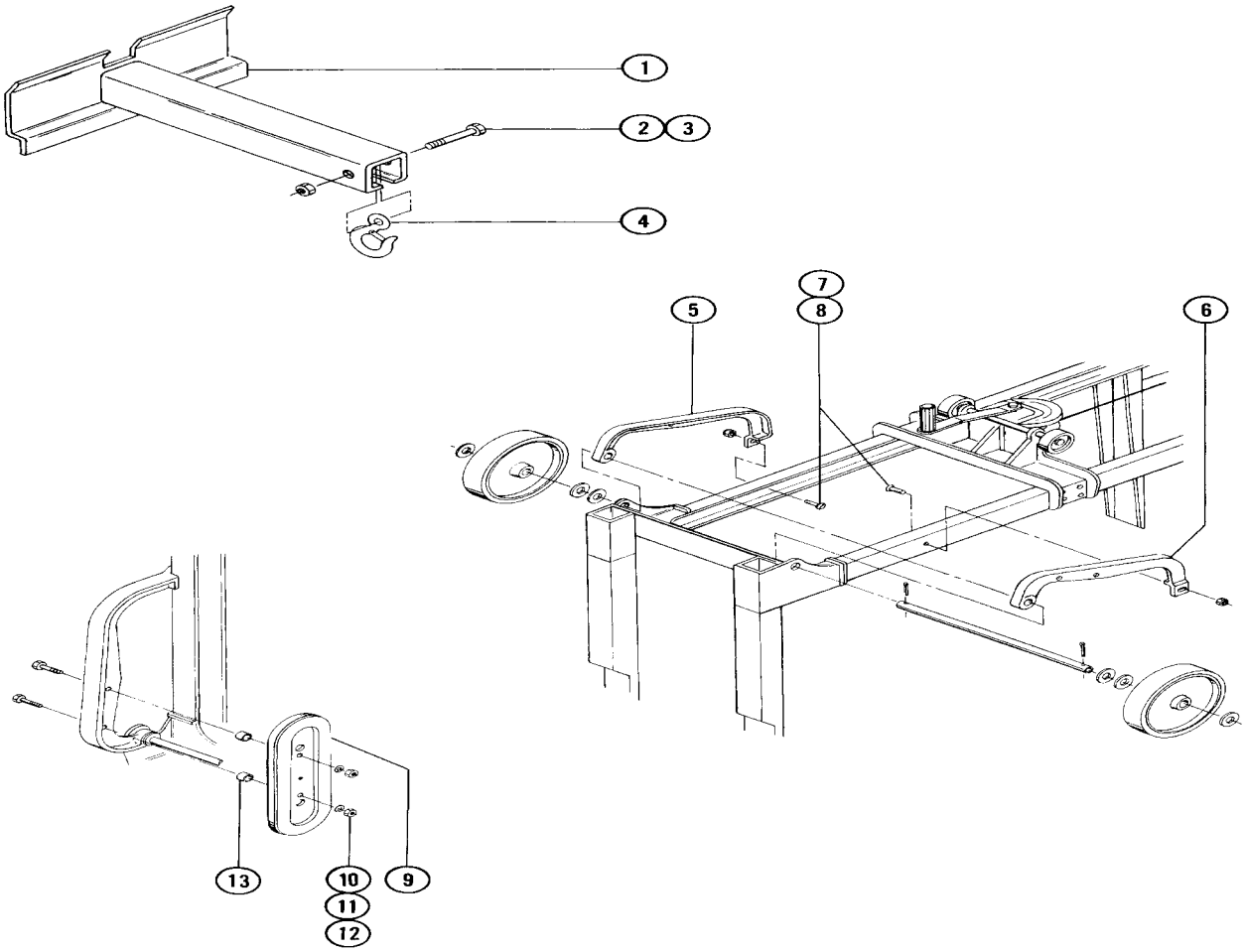
105.1 Winch Assembly



105.1 Winch Assembly

| Item | Part No. | Description | Qty. |
|---|---|---|---|
| | 5109GT | WINCH ASSEMBLY-GL/HL KX1051 | |
| 1 | 16342GT | WINCH HANDLE-O.A.LENGTH-11" | 1 |
| 2 | 6034GT | NUT,HEX,JAM,1/2-13 | 3 |
| 3 | 14189GT | PINION PLATE (KX/KH-1051,1050) | 1 |
| 4 | 6204GT | BUSHING, LARGE PINION, FULTON | 1 |
| 5 | 14190GT | WASHER,THRUST, KX-1050,1051 | 1 |
| 6 | 14191GT | RATCHET GEAR ASSY, K-1050,1051 | 1 |
| 7 | 5157GT | FRICTION DISC, KX-1000,050,051 | 1 |
| 8 | | PINION GEAR ASSY, KX-1050,1051 (14193)<br>component no longer available | 1 |
| 9 | 14194GT | PINION SHAFT, KX-1050,1051 | 1 |
| 10 | | RETAINING RING (6200)<br>(not sold separately) | 1 |
| 11 | 1256081GT | SERVICE KIT,PINION SHAFT-K1550 (1256081)<br>component no longer available | 2 |
| 12 | 5156GT | RATCHET KIT,K-1000 SERIES,935<br>including Bolt (1), Pawl (1), Spring (1), Nut (1) | 2 |
| 13 | | Winch Housing (not a Service Part) | 1 |
| 14 | 1280486GT | PLATE, WINCH REINFORCEMENT, FLAT | 1 |
| 15 | 6190GT | CABLE KEEP.KIT (BRACKET TYPE)*<br>including Nut (2), Lockwasher (2), Keeper Clip (2), Nut (2) | 2 |
| 16 | | SPACER, DRUM BOLT, K-1000,1050 (5320)<br>component no longer available | 1 |
| 17 | 9134GT | CABLE KEEP.KIT (THREADED STUD) | 1 |
| 18 | | Drum Assembly (not a Service Part) | 1 |
| 19 | | COVER, DRUM, KX-1000,050,051 (5376)<br>component no longer available | 1 |
| 20 | 5343GT | DECAL,MAINT. LUBRICATION, YLW | 1 |
| 21 | 6326GT | SCREW,HHC,3/8-16 X 3 | 1 |
| 22 | 12012GT | NUT,LOCK,3/8-16 | 1 |

106.1 Accessories



| Item | Part No. | Description | Qty. |
|---|---|---|---|
| | | STAIR GLIDE PKG GL-(ACCESSORY)<br>(PN 5401 is no longer available as service part) | 1 |
| | 5140GT | LOAD BOOM-HANDY LIFT<br>Includes Index No.'s 1, 2, 3, & 4 | |
| 1 | 12765GT | HANDY LIFT BOOM WELDMENT | 1 |
| 2 | 6024GT | NUT,NYLOCK,5/8-11 | 1 |
| 3 | 13004GT | SCREW,HHC,5/8-11 X 3 GRD.8 | 1 |
| 4 | 12764GT | EYE HOOK-3/4 TON W/LATCH | 1 |
| 5 | | STAIR GLIDE-LEFT, GL/HL<br>(PN 5226 is no longer available as service part) | 1 |
| 6 | | STAIR GLIDE-RIGHT, GL/HL<br>(PN 5225 is no longer available as service part) | 1 |
| 7 | 8514GT | SCREW,FHS,1/4-20 X .75 | 2 |
| 8 | 6091GT | NUT, NYLOCK, 1/4-20 | 2 |
| 8 | 5186GT | STAIR ROLLER PKG.-(ACCESSORY)<br>Includes Index No.'s 9, 10, 11, 12, 13 & 14 | 2 |
| 9 | 15180GT | STAIR ROLLER-DRILLED | 2 |
| 10 | 6708GT | SCREW,HHC,3/8-16 X 2.25 | 4 |
| 11 | 6021GT | WASHER, LOCK, .375 | 4 |
| 12 | 4828GT | NUT, NYLOCK, 3/8-16 | 4 |
| 13 | 5101GT | TUBE-GLIDE ROLLER SPACER-.938" | 4 |

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| 5109GT | 17 | 6708GT | 19 | | |
| 5117GT | 15 | 6889GT | 11 | | |
| 5135GT | 15 | 7268GT | 15 | | |
| 5140GT | 19 | 8514GT | 19 | | |
| 5156GT | 17 | 9134GT | 17 | | |
| 5157GT | 17 | 10107GT | 13 | | |
| 5186GT | 19 | 12012GT | 17 | | |
| 5189GT | 11 | 12764GT | 19 | | |
| 5212ZGT | 13 | 12765GT | 19 | | |
| 5261GT | 13 | 13004GT | 19 | | |
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| 5301GT | 11 | 14181GT | 11 | | |
| 5304GT | 11 | 14182GT | 11 | | |
| 5308GT | 15 | 14189GT | 17 | | |
| 5309GT | 13 | 14190GT | 17 | | |
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| 5313GT | 15 | 14194GT | 17 | | |
| 5343GT | 17 | 15180GT | 19 | | |
| 5345GT | 15 | 16342GT | 17 | | |
| 5350ZGT | 15 | 19091GT | 13 | | |
| 5351ZGT | 13 | 21280GT | 15 | | |
| 5408GT | 15 | 21671GT | 11 | | |
| 6002GT | 13 | 33852GT | 13 | | |
| 6019GT | 11 | 57784GT | 11 | | |
| 6021GT | 11, 19 | 80677GT | 13 | | |
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| 6034GT | 17 | 1280486GT | 17 | | |
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| 6086GT | 11 | | | | |
| 6090GT | 11 | | | | |
| 6091GT | 19 | | | | |
| 6094GT | 13 | | | | |
| 6097GT | 11 | | | | |
| 6109GT | 13 | | | | |
| 6142GT | 15 | | | | |
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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.



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