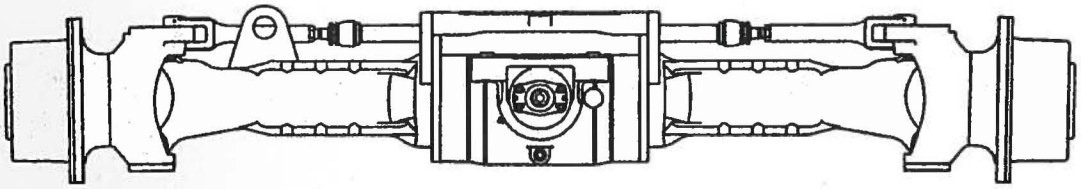
235477

T9

FRONT & REAR AXLE PARTS BOOK TH528



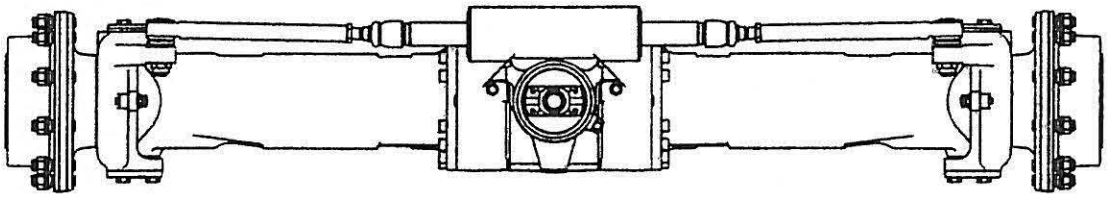
SPICER PS-6052 SERIES
7-229-471 STEERING CYLINDER

TEREX HANDLERS
455 N. Superior Ave., Baraga, MI 49908
PH: (906) 353-6675; FAX: (906) 353-7543
INTERNET: http://www.sqshooter.com

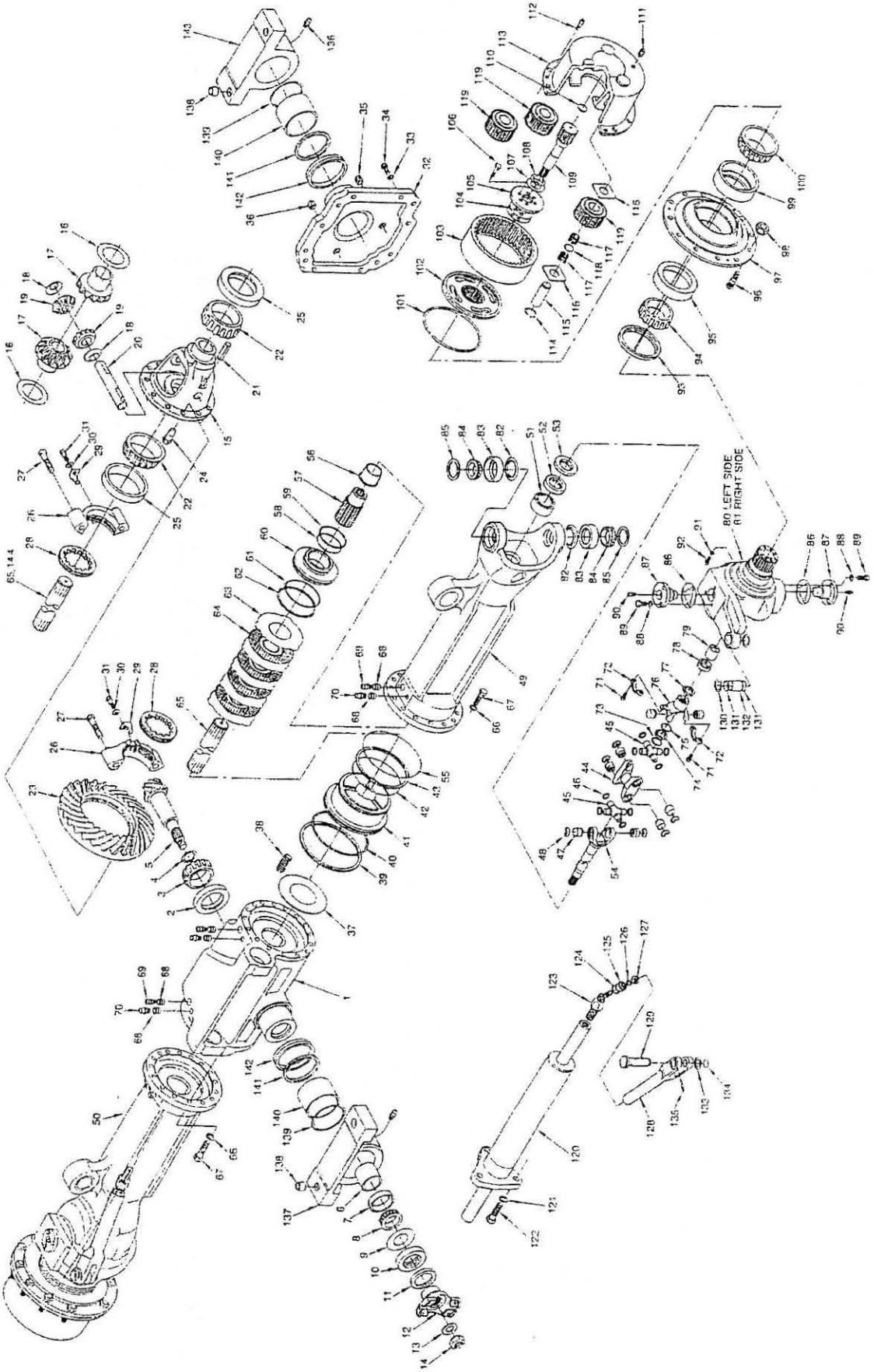
AXLE PARTS ORDERING GUIDE

WHEN ORDERING FROM THIS BOOK USE THE
FIGURE BELOW AS A REFERENCE IN DETERMINING
LEFT OR RIGHT HAND SIDE

L.H. R.H.



LOOKING STRAIGHT AT AXLE END YOKE



1 PAGE NUMBER	PS-6052 AXLE ASSEMBLY / 7-229-360 TH528	DRAWING NUMBER	P4-2015

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-392	CARRIER SUB ASSEMBLY	1
2	7-229-393	BEARING / CUP	1
3	7-229-394	BEARING / CONE	1
4	7-229-395	SHIM	1
5	7-229-396	GEAR & PINION ASSY (WITH ITEM 23)	1
6	7-229-397	SPACER	1
7	7-229-398	BEARING / CUP	1
8	7-229-399	BEARING / CONE	1
9	7-229-176	THRUST WASHER	1
10	7-229-285	OIL SEAL	1
11	7-229-136	DEFLECTOR	1
12	7-229-400	END YOKE	1
13	7-229-133	WASHER / PINION NUT	1
14	7-229-132	NUT / PINION	1
15	7-229-401	DIFFERENTIAL STANDARD CASE	1
16	7-229-168	THRUST WASHER	2
17	7-229-402	DIFFERENTIAL GEAR	2
18	7-229-403	THRUST WASHER	2
19	7-229-404	DIFFERENTIAL PINION	2
20	7-229-405	SHAFT / DIFFERENTIAL	1
21	7-229-406	ROLL PIN	1
22	7-229-407	BEARING / CONE	2
23	7-229-396	GEAR & PINION ASSY (WITH ITEM 5)	1
24	7-229-160	DRIVE GEAR SCREW	12
25	7-229-408	BEARING / CUP	2
26	7-229-409	BEARING CAP	2
27	7-229-410	HEX BOLT	4
28	7-229-411	ADJUSTING RING	2
29	7-229-163	ADJUSTING RING CLIP	2
30	7-229-164	FLAT WASHER	2
31	7-229-165	HEX BOLT	2
32	7-229-412	CARRIER COVER	1
33	7-229-173	FLAT WASHER	12
34	7-229-228	HEX BOLT	12
35	7-229-175	PIPE PLUG	1
36	7-229-175	PIPE PLUG	1
37	7-229-413	PLATE / SPRING BACKING	2
38	7-229-414	COMPRESSION SPRING	20
39	7-229-382	GLIDE RING / INNER	2
40	7-229-381	O-RING	2
41	7-229-415	PISTON	2
42	7-229-383	O-RING	2
43	7-229-384	GLIDE RING / OUTER	2
44	7-229-416	YOKE CENTER	2
45	7-229-417	U-JOINT CROSS	4
46	7-229-418	SEAL ASSEMBLY	16
47	7-229-256	BEARING RACE ASSY	16
48	7-229-419	SNAP RING	12
49	7-229-420	AXLE HOUSING / RIGHT SIDE	1
50	7-229-421	AXLE HOUSING / LEFT SIDE	1
51	7-229-193	SPINDLE BUSHING	2
52	7-229-192	OIL SEAL	2

ITEM	NUMBER	DESCRIPTION	REQD
53	7-229-303	OIL SEAL	2
54	7-229-422	SHAFT / INNER YOKE	2
55	7-229-389	O-RING	2
56	7-229-423	FLANGE BUSHING	2
57	7-229-424	SPLINED COUPLING	2
58	7-229-387	O-RING / OUTER	2
59	7-229-388	GLIDE RING / OUTER	2
60	7-229-425	SERVICE PISTON	2
61	7-229-385	O-RING / INNER	2
62	7-229-386	GLIDE RING / INNER	2
63	7-229-390	PLATE / LINING STOP	10
64	7-229-391	FRICTION DISC ASSEMBLY	8
65	7-229-426	RIGHT AXLE SHAFT	1
66	7-229-173	FLAT WASHER	32
67	7-229-428	HEX BOLT	32
68	7-229-110	SEAT INSERT	4
69	7-229-111	BLEEDER SCREW	4
70	7-229-112	HYDRAULIC BRAKE FITTING	4
71	7-229-430	FLANGE SCREW	8
72	7-229-429	BEARING STRAP	4
73	7-229-431	SNAP RING	1
74	7-229-432	SPACER	1
75	7-229-433	O-RING	1
76	7-229-434	END YOKE	1
77	7-229-380	OIL SEAL	1
78	7-229-187	OIL SEAL	2
79	7-229-435	SPINDLE BUSHING	2
80	7-229-436	STEERING KNUCKLE / LEFT	1
81	7-229-437	STEERING KNUCKLE / RIGHT	1
82	7-229-438	GREASE RETAINER	4
83	7-229-398	BEARING / CUP	2
84	7-229-399	BEARING / CONE	4
85	7-229-439	OIL SEAL	4
86	SEE TABLE	SHIMS (ITEMS 145-150)	REF
87	7-229-441	CAP / KING PIN	4
88	7-229-173	FLAT WASHER	12
89	7-229-442	HEX BOLT	12
90	7-229-69	GREASE FITTING	4
91	7-229-173	FLAT WASHER	2
92	7-229-443	STOP BOLT	2
93	7-229-379	OIL SEAL	1
94	7-229-108	BEARING / CONE	1
95	7-229-107	BEARING / CUP	1
96	7-229-371	BOLT / WHEEL	10
97	7-229-447	WHEEL HUB	1
98	7-229-104	NUT / 3/4-16 RH	20
99	7-229-299	BEARING / CUP	1
100	7-229-102	BEARING / CONE	1
101	7-229-450	SNAP RING	1
102	7-229-451	PLANETARY HUB	1
103	7-229-452	PLANETARY RING GEAR	1

ITEM	NUMBER	DESCRIPTION	REQD
104	SEE TABLE	SHIMS (SEE ITEMS 151-156)	REF
105	7-229-459	RETAINING PLATE	1
106	7-229-228	HEX BOLT	12
107	7-229-460	THRUST WASHER	1
108	7-229-461	THRUST WASHER	1
109	7-229-462	INPUT GEAR	1
110	7-229-88	WASHER / DRIVE FLANGE	1
111	7-229-175	PLUG / PIPE	2
112	7-229-463	SCREW / SOCKET HEAD	2
113	7-229-464	PLANETARY DRIVE FLANGE	1
114	7-229-465	SNAP RING	3
115	7-229-466	SHAFT / PLANET GEAR	3
116	7-229-467	WASHER / DRIVE FLANGE	6
117	7-229-468	NEEDLE BEARING	6
118	7-229-469	THRUST WASHER	3
119	7-229-470	GEAR	3
120	7-229-471	STEERING CYLINDER ASSEMBLY	1
121	7-229-173	FLAT WASHER	3
122	7-229-228	HEX BOLT	3
123	7-229-472	SOCKET ASSEMBLY	2
124	7-229-473	LARGE RETAINING WIRE	2
125	7-229-474	BOOT	2
126	7-229-475	SMALL RETAINING WIRE	2
127	7-229-476	JAM NUT	2
128	7-229-477	STEERING ARM	2
129	7-229-478	CLEVIS PIN	2
130	7-229-479	SHIM (AS REQUIRED)	REF
131	7-229-370	O-RING	4
132	7-229-480	BUSHING	1
133	7-229-481	FLAT WASHER	2
134	7-229-482	SNAP RING	2
135	7-229-292	DOWEL PIN	2
136	7-229-69	GREASE FITTING	2
137	7-229-483	TRUNNION BEAM / REAR	1
138	7-229-484	LOCATING PIN	4
139	7-229-485	O-RING	2
140	7-229-486	SPINDLE BUSHING	2
141	7-229-362	BEARING THRUST WASHER	2
142	7-229-376	GREASE SEAL	2
143	7-229-487	TRUNNION BEAM / FRONT	1
144	7-229-427	LEFT AXLE SHAFT (NOT SHOWN)	1

SHIM TABLES

ITEM 86

ITEM	NUMBER	DESCRIPTION	REQD
145	7-229-440	SHIM / .002 (AS REQUIRED)	REF
146	7-229-504	SHIM / .005 (AS REQUIRED)	REF
147	7-229-505	SHIM / .010 (AS REQUIRED)	REF
148	7-229-506	SHIM / .015 (AS REQUIRED)	REF
149	7-229-507	SHIM / .030 (AS REQUIRED)	REF
150	7-229-508	SHIM / .060 (AS REQUIRED)	REF

ITEM 104

ITEM	NUMBER	DESCRIPTION	REQD
151	7-229-453	SHIM / .003 (AS REQUIRED)	REF
152	7-229-454	SHIM / .002 (AS REQUIRED)	REF
153	7-229-455	SHIM / .005 (AS REQUIRED)	REF
154	7-229-456	SHIM / .010 (AS REQUIRED)	REF
155	7-229-457	SHIM / .020 (AS REQUIRED)	REF
156	7-229-458	SHIM / .030 (AS REQUIRED)	REF

KITS & SUBASSEMBLIES

ITEM	NUMBER	DESCRIPTION	REQD
157	7-229-488	CARRIER ASSEMBLY (ITEMS 1-31)	1
158	7-229-489	DIFFERENTIAL CASE ASSY (ITEMS 15-21)	1
159	7-229-490	DIFFERENTIAL CASE KIT (ITEMS 16-21)	REF
160	7-229-491	GEAR & PINION KIT (ITEMS 17-19)	REF
161	7-229-492	END YOKE ASSEMBLY (ITEMS 11, 12)	1
162	7-229-493	SHAFT & JOINT ASSY (ITEMS 45,47,48, 157)	2
163	7-229-202	CROSS ASSEMBLY (ITEMS 45, 46)	2
164	7-229-494	L.H. STEER KNUCKLE ASSY (ITEMS 78-80, 132)	1
165	7-229-495	R.H. STEER KNUCKLE ASSY (ITEMS 78,79,81,132)	1
166	7-229-496	REAR TRUNNION ASSY (ITEMS 136-140)	1
167	7-229-497	FRONT TRUNNION ASSY (ITEMS 136,138-140,143)	1
168	7-229-498	WHEEL END ASSY (ITEMS 100,104-107,112,163-167)	2
169	7-229-499	PLANETARY GEAR ASSY (ITEMS 110, 113-119)	1
170	7-229-500	HUB ASSEMBLY (ITEMS 93-97, 99)	1
171	7-229-501	RING GEAR ASSEMBLY (ITEMS 101-103)	1
172	7-229-502	OUTPUT SHAFT ASSEMBLY (ITEMS 108-109)	1
173	7-229-503	YOKE ASSEMBLY (ITEMS 74, 77)	1