Illustrated Parts Manual

Illustrated Parts Manual

Models

450A & 450AJ

Series II

SN 0300065080 THROUGH
0300123999
&
PRIOR TO
SN 1300006000

*See Revision Log Page for exceptions

3121243

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FIGURE 2-24. GEAR PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**GEAR PUMP ASSEMBLY**	
		Ref	**Usage:**	
	3600318	Ref	**Caterpillar Engine Machines (All Machines)**	
	3600318	Ref	**Deutz Engine Machines (USA Built Machines) (SN 0300065080 through 0300077682)**	
	3600408	Ref	**Deutz Engine Machines (USA Built Machines) (SN 0300077683 through 0300123999)**	
	3600318	Ref	**Deutz Engine Machines (Belgium Built Machines)**	
	3600318	Ref	**Ford Engine Machines (USA Built Machines) (SN 0300065080 through 0300078472)**	
	3600408	Ref	**Ford Engine Machines (USA Built Machines) (SN 0300078473 through 0300123999)**	
	3600441	Ref	**GM Engine Machines (All Machines)**	
	3600318	Ref	**Perkins Engine Machines (All Machines)**	
	3600318	Ref	**GEAR PUMP ASSEMBLY**	B
1	7023929	1	Seal Kit (Not Shown)	
		Ref	**Note: Seal kit is Only serviceable part for this item**	
		Ref	**GEAR PUMP SUB-ASSEMBLY**	
	3600408	Ref	**Deutz Engine Machines (USA Built Machines) (SN 0300077683 through 0300123999)**	A
	3600408	Ref	**Ford Engine Machines (SN 0300078473 through 0300123999)**	A
	3600441	Ref	**GM Engine Machines**	A
101	2170316	1	Fitting, Tee	
102	2170808	AR	Fitting, Tee Options:	
102		Ref	Deutz and Ford Engine Machines	
102		Ref	GM Engine Machines	
103	3600318	1	Gear Pump Assembly	
103	7023929	1	Seal Kit - 3600318 Pump	
104	4641199	2	Valve, Check	
		Ref	**(Note: Seal kit is Only serviceable part for this item.)**	

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FIGURE 3-6. MAIN BOOM ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**USA Built Machines use SNs 03xxxxxxxx.**	
		Ref	**Belgium Built Machines use SNs 13xxxxxxxx.**	
		Ref	**MAIN BOOM ASSEMBLY OPTIONS (USA BUILT MACHINES)**	
	0801288	Ref	**450A Series II**	C
	0801312	Ref	**450AJ Series II**	4-C
1	0100011	AR	Compound, Locking	
2	0630401	2	Bolt, Carriage 5/16in-18NC x 2in	
3	0641605	8	Bolt 3/8in-16NC x 5/8in	
4	0641606	22	Bolt 3/8in-16NC x 3/4in	
5	0641607	4	Bolt 3/8in-16NC x 7/8in	
6	0641608	4	Bolt 3/8in-16NC x 1in	
7	0641818	4	Bolt 1/2in-13NC x 2-1/4in	
8		Ref	Base Weldment Options:	
8	0801289	1	Base Weldment (450A Series II)	
8	0801260	1	Base Weldment (450AJ Series II)	
8A	0961950	2	Bearing	
9		Ref	Fly Weldment Options:	
9	0801290	1	Fly Weldment (450A Series II)	
9	0801192	1	Fly Weldment (450AJ Series II)	
10	0961948	2	Bearing	
11	1180227	NLA	Power Track for 450A Series II (Original Equipment) (Use p/n 1001225902)	
11	1001099838	NLA	Power Track for 450A Series II (Service Replacement) (Use p/n 1001225902)	
11	1001225902	1	Power Track for 450A Series II (Service Replacement)	
		Ref	**Note: Original Equipment Power Track may have been replaced with a Service Replacement. Visually identify the power track before ordering parts.**	
11A		Ref	Gemco Replacement Parts:	
11A	7006139	AR	Repair Section for p/n 1180227 (was p/n 7006187)	
11A	7006156	1	Rod, Carrier for p/n 1180227	
11A	7006151	2 pr	Feet, Mounting for p/n 1180227	
11A	7006152	AR	Pin Kit for p/n 1180227 (Includes 1 Link Pin, 4 Different Size Washers and 1 Retaining Ring) (was p/n 7006177)	
11B		Ref	Gortrac Replacement Parts:	
11B	70001996	AR	Repair Section for p/n 1001099838 (Includes 1 Pin Assembly for each end)	
11B	70001998	2 pr	Mounting Foot Kit for p/n 1001099838 (Includes Both Pair of Feet)	
11B	70006269	AR	Repair Section for p/n 1001225902 (Includes 1 Pin Assembly for each end)	
11B	70006280	2 pr	Mounting Foot Kit for p/n 1001225902 (Includes Both Pair of Feet)	
12	1180352	NLA	Power Track for 450AJ Series II (Use p/n 1001099833)	
12	1001099833	1	Power Track for 450AJ Series II (Service Replacement)	
		Ref	**Note: Original Equipment Power Track may have been replaced with a Service Replacement. Visually identify the power track before ordering parts.**	
12A		Ref	Gemco Replacement Parts:	
12A	7006139	AR	Repair Section for p/n 1180352	
12A	7006151	2 pr	Feet, Mounting for p/n 1180352	
12A	7006152	AR	Pin Kit for p/n 1180352 (Includes 1 Link Pin, 4 Different Size	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2300004	Ref	Machines without Arctic Package	
	2300041	Ref	Machines with Arctic Package	
	2300016	Ref	Hydraulic Fluid (Drive Hubs/System)	
	3020021	Ref	Engine Coupling Grease	
		Ref	Engine Oil	
	3020016	Ref	Motor Oil Mobil Delvac MX 15W-40 (Machines Without Arctic Package)	
	3020044	Ref	Motor Oil Mobil 0W-40 (Machines With Arctic Package)	
	2300014	Ref	Mobil 424	
	2300027	Ref	Mobil 224H Bio	
	2300029	Ref	Mobil EAL ISO 46 Bio	
	2300016	Ref	Mobil DTE 13M	
	2300019	Ref	Quaker State Quintolubric 888-46 Fire Resistant	
	2300039	Ref	Exxon Univis Hvl 26 (Machines with Arctic Package)	
		Ref	**Footswitch Shield Installation**	
	4060959	Ref	USA Built Machines **(SN 0300065080 through 0300081557)**	
	4060959	Ref	Belgium Built Machines **(Prior to SN 1300000603)**	
	3380652	Ref	USA Built Machines **(SN 0300081558 through 0300123999)**	
	3380652	Ref	Belgium Built Machines **(SN 1300000603 through 1300006000)**	
		Ref	**Generator Add-on Kit Optionss:**	
	1001227348	Ref	7500W Generator Add-on Kit (Deutz Engines) **(SN 0300075503 through 0300124000)**	
	1001227349	Ref	7500W Generator Add-on Kit (GM Engines)	
	0271548	Ref	**Glow Plug Installation (Deutz Engine Machines)**	
	1001094475	Ref	**Hourmeter for Generator Installation**	
	1001148971	Ref	**Lanyard (Bolt-On) Kit Installation**	
		Ref	**Oil Cooler Installation (Deutz and GM Engines)**	
	0275004	Ref	Oil Cooler Installation **(SN 0300065080 through 0300113121)**	
	1001096182	Ref	Oil Cooler Installation **(SN 0300113122 through 0300123999)**	
	0271528	Ref	**Oxy/Acetylene Lines to Platform Installation**	
	0258703	Ref	**Platform Console Cover Installation**	
	1001205175	Ref	**Platform Console Cover Kit**	
		Ref	**Platform Entry Kit**	
	1001142504	Ref	**Replace Swing Gate with Drop Bar Kit**	
	1001142505	Ref	**Replace Drop Bar with Swing Gate Kit**	
		Ref	**Platform Mesh Installations (Side Entry Platforms) (ANSI Specs)**	
	0273148	Ref	**30in X 6ft (76cm x 1.83m) (Mesh to Top Rail)**	
	1001140315	Ref	**30in X 5ft (76cm x 1.52m) (Mesh to Mid Rail)**	
	0273146	Ref	**30in X 5ft (76cm x 1.22m) (Mesh to Top Rail)**	
	1001140318	Ref	**30in X 4ft (76cm x 1.52m) (Mesh to Mid Rail)**	
	0273147	Ref	**30in X 4ft (76cm x 1.22m) (Mesh to Top Rail)**	
	0274095	Ref	**Platform Top Rail Extension**	
	1001149560	Ref	**SkyGuard Complete Installation Kit (ADE/Non-UGM Equipped Machines)**	
	1001143256	Ref	**SkyGuard Optional Blue Beacon Light Installation Kit**	
	1001228964	Ref	**Telematic Retrofit Harness Kit (Machines with UGM)**	
		Ref	**Tools for Service**	
	2901443	Ref	Analyzer Kit	
	8896941	Ref	Wire Stripper	
	7002821	Ref	Wire Crimper (To install wire ends to wires)	
	7002823	Ref	Pin/Socket Extractor - Universal (To Remove Pins/Sockets from	

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