















# P.T.O. PRODUCT LISTING

## **MH6 KIT PROGRAM - CONT'D...**

**Foot Notes:** (\*) These kits do not include an air protection valve in them. It is recommended that you have this valve in your PTO air installation. If needed, order number (MPN600205) or (M118365X) KIT.

SHIFTER KIT OPTION	
PART#	
<b>M902299X</b>	AIR SHIFTER TOP KIT POS.1-4
<b>M902300X</b>	AIR SHIFTER TOP KIT POS.2-3
<b>M902099X</b>	WIRE SHIFTER TOP KIT POS.1-4
<b>M903599X</b>	WIRE SHIFTER TOP KIT POS.2-3



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# P.T.O. PRODUCT LISTING

## MH8 KIT PROGRAM

(PTO SERIES)	(RATIO GEAR)	(KIT)	(OPT.)	(SHIFTER)	(ASSEMBLY)	(OUTPUT)
MH8S	C	KIT	X	?	1	RA

EXAMPLE		
STEP #1	SERIES	MH8SCKITX
STEP #2	ARRANGEMENTS	1
STEP #3	OUTPUT	RA
PART # MH8SCKITX-1RA (TOTAL)		
OPTIONAL		
	INPUT GEAR	01
	SHIFTER	M902299X

STEP #1	SERIES
MH8SCKITX	"C" RATIO KIT (STD. STUD KIT)
MH8SEKITX	"E" RATIO KIT (STD. STUD KIT)
MH8SJKITX	"J" RATIO KIT (STD. STUD KIT)
MH8SOKITX	"O" RATIO KIT (STD. STUD KIT)
MH8SRKITX	"R" RATIO KIT (STD. STUD KIT)
MH8SSKITX	"S" RATIO KIT (STD. STUD KIT)
MH8STKITX	"T" RATIO KIT (STD. STUD KIT)
MH8DCKITX	"C" RATIO KIT (DEEP MT. STUD KIT)
MH8DEKITX	"E" RATIO KIT (DEEP MT. STUD KIT)
MH8DJKITX	"J" RATIO KIT (DEEP MT. STUD KIT)
MH8DOKITX	"O" RATIO KIT (DEEP MT. STUD KIT)
MH8DRKITX	"R" RATIO KIT (DEEP MT. STUD KIT)
MH8DSKITX	"S" RATIO KIT (DEEP MT. STUD KIT)
MH8DTKITX	"T" RATIO KIT (DEEP MT. STUD KIT)
MH8GCKITX	"C" RATIO KIT (METRIC STUD KIT)
MH8GEKITX	"E" RATIO KIT (METRIC STUD KIT)
MH8GJKITX	"J" RATIO KIT (METRIC STUD KIT)
MH8GOKITX	"O" RATIO KIT (METRIC STUD KIT)
MH8GRKITX	"R" RATIO KIT (METRIC STUD KIT)
MH8GSKITX	"S" RATIO KIT (METRIC STUD KIT)
MH8GTKITX	"T" RATIO KIT (METRIC STUD KIT)

ARRANGEMENTS	
STEP #2	
1	RIGHT FORWARD
2	RIGHT REAR
3	LEFT FORWARD
4	LEFT REAR

OUTPUTS	
STEP #3	
GA	7/8" SAE "B" ROTATABLE/GREASEABLE
GB	1" SAE "B" ROTATABLE/GREASEABLE
RA	7/8" SAE "B" ROTATABLE FLANGE
RB	1" SAE "B" ROTATABLE FLANGE
SD	7/8" SAE "B" 2 BOLT FLANGE
SE	SAE 1 1/4" ROUND SHAFT
SF	SAE "A" 5/8" 9 SPLINE SHAFT
TP	TYRONE PUMP 7/8 13 TOOTH

INPUT GEARS (OPTIONAL)	
PART#	
01X	INPUT GEAR KIT
02X	INPUT GEAR KIT
05X	INPUT GEAR KIT
06X	INPUT GEAR KIT
08X	INPUT GEAR KIT
11X	INPUT GEAR KIT
17X	INPUT GEAR KIT
18X	INPUT GEAR KIT
21X	INPUT GEAR KIT
24X	INPUT GEAR KIT
27X	INPUT GEAR KIT
28X	INPUT GEAR KIT
33X	INPUT GEAR KIT
34X	INPUT GEAR KIT
42X	INPUT GEAR KIT
50X	INPUT GEAR KIT
52X	INPUT GEAR KIT
60X	INPUT GEAR KIT

CONTROLLER KITS (OPTIONAL)	
PART#	
A*	SINGLE CONTROLLER KIT
L	LEVER CLEVIS
M	CONSTANT MESH
N	NO CONTROLLER
S*	DUAL CONTROLLER W/KICKOUT
T*	DUAL CONTROLLER W/O KICKOUT
W	WIRE
(*)	Air Protection Kit



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SHIFTER KIT OPTIONS	
PART #	
M902299X	AIR SHIFTER TOP KIT POS.1-4
M902300X	AIR SHIFTER TOP KIT POS.2-3
M902099X	WIRE SHIFTER TOP KIT POS.1-4
M903599X	WIRESHIFTER TOP KIT POS.2-3



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METARIS #	ALTERNATE #	DESCRIPTION
M4023782132	MWA-012	PUMP TO FLANGE WASHER
M6032	M6032	6 BOLT STEEL SHIM .032 THICKNESS
M6062	M6062	6 BOLT STEEL SHIM .062 THICKNESS
M6093	M6093	6 BOLT STEEL SHIM .093 THICKNESS
M6125	M6125	6 BOLT STEEL SHIM .125 THICKNESS
M6140	M6140	6 BOLT STEEL SHIM .140 THICKNESS
M6165	M6165	6 BOLT STEEL SHIM .165 THICKNESS
M6187	M6187	6 BOLT STEEL SHIM .187 THICKNESS
M6200	M6200	6 BOLT STEEL SHIM .200 THICKNESS
M6240	M6240	6 BOLT STEEL SHIM .240 THICKNESS
M6350	M6350	6 BOLT STEEL SHIM .350 THICKNESS
M6450	M6450	6 BOLT STEEL SHIM .450 THICKNESS
M6500	M6500	6 BOLT STEEL SHIM .500 THICKNESS
M6800	M6800	6 BOLT STEEL SHIM .800 THICKNESS
M8062	M8062	8 BOLT STEEL SHIM .062 THICKNESS
M8093	M8093	8 BOLT STEEL SHIM .093 THICKNESS
M81005	M81005	8 BOLT STEEL SHIM .1005 THICKNESS
M8190	M8190	8 BOLT STEEL SHIM .190 THICKNESS
M8248	M8248	8 BOLT STEEL SHIM .248 THICKNESS
M8375	M8375	8 BOLT STEEL SHIM .375 THICKNESS
M8600	M8600	8 BOLT STEEL SHIM .600 THICKNESS
M8700	M8700	8 BOLT STEEL SHIM .700 THICKNESS
MPN100191	MR-792	MHD8 (O-01) SINGLE OUTPUT GEAR
MPN100192	MR-791	MHD8 (O-01) DOUBLE INPUT GEAR
MPN100736	MSK-011X	SEAL KIT FOR AIR SHIFTER
MPN600000	MBU221	CONSTANT MESH SMALL BUSHING
MPN600001	MBU211	CONSTANT MESH LARGE BUSHING
MPN600002	MGA6010	6 BOLT GASKET .010 THICKNESS
MPN600003	MGA6015	6 BOLT GASKET .015 THICKNESS
MPN600004	MGA6032	6 BOLT GASKET .032 THICKNESS
MPN600005	MHS1000	6 BOLT HOUSING



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METARIS #	ALTERNATE #	DESCRIPTION
MPN600006	MHS1010	6 BOLT DEEP MOUNT HOUSING
MPN600008	M118373	SINGLE CAB CONTROLLER
MPN600009	M902099-1/4	MECHANICAL SHIFTER (COMPLETE ASSEMBLY) POS.1 & 4
MPN600010	M902299-1/4	AIR SHIFTER (COMPLETE ASSEMBLY) POS.1 & 4
MPN600011	M903599-2/3	MECHANICAL SHIFTER (COMPLETE ASSEMBLY) POS.2 & 3
MPN600012	M902899-2/3	AIR SHIFTER (COMPLETE ASSEMBLY) POS.2 & 3
MPN600013	MAP-002	END PLUG
MPN600015	MAP-131	PLUG
MPN600016	MAS-003	ALLEN HEAD SCREW
MPN600017	MAS-004	ALLEN HEAD SCREW
MPN600018	MAS008	AIR COVER ALLEN SCREW
MPN600019	MAS009	SHIFTER COVER ALLEN SCREWS
MPN600020	MAS030	ALLEN BOLT TYRONE FLANGE
MPN600021	MAS-099	ALLEN HEAD SCREW
MPN600022	MAV295	DUAL CONTROLLER W/ KICK-OUT
MPN600023	MAV295M	DUAL CONTROLLER W/O KICK-OUT
MPN600024	MBU009	AIR SHIFTER BAR BUSHING
MPN600025	MBU321	AIR SHIFTER BUSHING
MPN600026	MBU-601	BUSHING
MPN600027	MBU-611	BUSHING
MPN600028	MBU-761	BUSHING
MPN600029	MBU981	FORK BUSHING
MPN600030	MCB-331	CABLE BRACKET
MPN600031	MCC-471	WIRE HOLDING CLIP
MPN600032	MCK005X	CONVERSION TO "CONSTANT MESH"
MPN600033	MCP-022	SWITCH PLUG
MPN600034	MCP151	WIRE SHIFTER HOUSING COVER PLUG
MPN600036	MCS025	PUMP TO FLANGE CAP SCREW
MPN600037	MCS011	END COVER CAP SCREW
MPN600039	MEC931	END COVER CAP
MPN600040	MFI216E	AIR SHIFTER TUBE 90 DEGREE AIR FITTING



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METARIS #	ALTERNATE #	DESCRIPTION
MPN600041	MFI216S	AIR SHIFTER TUBE STRAIGHT AIR FITTING
MPN600042	MFL451	"A" FLANGE HOUSING
MPN600043	MFL491	TYRONE FLANGE HOUSING
MPN600044	MFL911	ROTATABLE FLANGE
MPN600045	MGA091	PUMP TO FLANGE GASKET
MPN600046	MGA130	"TP" FLANGE GASKET
MPN600047	MGA291	"A" FLANGE GASKET
MPN600048	MGA4015EC	END CAP COVER GASKET
MPN600049	MGA4015SC	SHIFTER COVER GASKET
MPN600050	MGA8010	8 BOLT GASKET .010 THICKNESS
MPN600051	MGA8015	8 BOLT GASKET .015 THICKNESS
MPN600052	MGA8032	8 BOLT GASKET .032 THICKNESS
MPN600053	MR-653	"E" UPPER INPUT RATIO GEAR
MPN600054	MR-654	"E" BOTTOM OUTPUT RATIO GEAR
MPN600055	MR-655	"J" UPPER INPUT RATIO GEAR
MPN600056	MR-656	"J" BOTTOM OUTPUT RATIO GEAR
MPN600057	MR-657	"O" UPPER INPUT RATIO GEAR
MPN600058	MR-658	"O" BOTTOM OUTPUT RATIO GEAR
MPN600059	MR-659	"T" UPPER INPUT RATIO GEAR
MPN600060	MR-660	"T" BOTTOM OUTPUT RATIO GEAR
MPN600061	MR-675	(01) UNIVERSAL INPUT GEAR
MPN600062	MR-676	(21) ZED/FINPUT GEAR
MPN600063	MR-677	(05) SPICER INPUT GEAR
MPN600064	MR-679	(06) EATON/FULLER INPUT GEAR
MPN600065	MR-680	(17) EATON/FULLER INPUT GEAR
MPN600066	MR-682	(8) SPICER INPUT GEAR
MPN600067	MR-683	(2) UNIVERSAL INPUT GEAR
MPN600068	MR-686	"C" UPPER INPUT RATIO GEAR
MPN600069	MR-687	"C" BOTTOM OUTPUT RATIO GEAR
MPN600070	MR-692	(27) EATON/FULLER INPUT GEAR
MPN600071	MR-694	(50) ZED/F INPUT GEAR



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METARIS #	ALTERNATE #	DESCRIPTION
MPN600072	MR-695	(24) MACK INPUT GEAR
MPN600073	MR-696	(34) SPICER INPUT GEAR
MPN600074	MR-697	(33) SPICER INPUT GEAR
MPN600075	MR-699	(11) CHEVY/SPICER INPUT GEAR
MPN600076	MR-700	(52) ZED/F INPUT GEAR
MPN600077	MR-705	"B" BOTTOM OUTPUT RATIO GEAR FOR "01" & "24"
MPN600078	MR-706	"B" UPPER RATIO & INPUT GEAR "01"
MPN600079	MR-729	"R" UPPER INPUT RATIO GEAR
MPN600080	MR-730	"R" BOTTOM OUTPUT RATIO GEAR
MPN600081	MR-731	"S" UPPER INPUT RATIO GEAR
MPN600082	MR-732	"S" BOTTOM OUTPUT RATIO GEAR
MPN600085	MR-756	"B" UPPER RATIO & INPUT GEAR "24"
MPN600086	MR-771	(28) FULLER INPUT GEAR
MPN600089	MHS2000	8 BOLT HOUSING
MPN600090	MHS2010	8 BOLT DEEP MOUNT HOUSING
MPN600091	MIP-531	IDLER PIN
MPN600092	MLV-321	LEVER BRACKET
MPN600093	MLV-341	LEVER
MPN600094	MNU003	NYLOCK NUTS FOR FLANGE
MPN600095	MNU-004	JAM NUT
MPN600096	MNU-008	NYLOCK NUT
MPN600097	MNU-481	WIRE CLIP NUT
MPN600098	MNU-491	CLAMPING NUT FOR WIRE
MPN600099	MOC662	OPEN END CAP FOR "SE" OUTPUT
MPN600100	MOR022	IDLER SHAFT O RING
MPN600101	MOR029	PISTON COVER O RING
MPN600102	MOR045	SHIFTER BAR O RING
MPN600105	MOS071	5/8" 9 SPLINE OUTPUT SHAFT
MPN600106	MOS235	1.25" ROUND OUTPUT SHAFT
MPN600107	MOS791	7/8 13 SPLINE OUTPUT SHAFT
MPN600108	MOS861	1" 15 SPLINE OUTPUT SHAFT



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METARIS #	ALTERNATE #	DESCRIPTION
MPN600109	MPB001	CABLE SHIFTER TOP POPPETT BALL
MPN600110	MPC701	AIR SHIFTER PISTON COVER
MPN600111	MPL-025	PLUG
MPN600112	MPN851/841	PRELOAD NUT TO SET INPUT GEAR
MPN600114	MRB003	NON-THRUST SIDE OUTPUT SHAFT BEARING
MPN600115	MRB004	THRUST SIDE OUTPUT SHAFT BEARING
MPN600117	MRB023	INPUT GEAR BEARING
MPN600118	MRB-035	INPUT BEARING FOR "B" RATIO
MPN600119	MSB-072	SHIFTING SHAFT
MPN600120	MSB251	AIR SHIFTER BAR
MPN600121	MSE007	OUTPUT SHAFT SEAL
MPN600122	MSE016	TYRONE FLANGE SEAL
MPN600123	MSE-017	SHAFT SEAL
MPN600124	MSF631	SHIFT FORK
MPN600126	MSH371	AIR SHIFTER HOUSING
MPN600127	MSH391	CABLE SHIFTER HOUSING
MPN600128	MSP019	CABLE SHIFT TOP RETAINER SPRING
MPN600129	MSP056	AIR SHIFTER PISTON SPRING
MPN600130	MSP-131	ROD SPACER
MPN600131	MSP-491	BEARING SPACER FOR "A" RATIO
MPN600132	MSR001	INPUT GEAR SNAP RING
MPN600133	MSR005	OUTPUT SHAFT INTERNAL SNAP RING
MPN600134	MSR013	"SE" END CAP SNAP RING
MPN600135	MSS-005	SET SCREW
MPN600136	MST026	STUD FOR ROTATABLE FLANGE
MPN600138	MSW002	AIR SHIFTER SENDING SWITCH
MPN600140	MSK599X	MECHANICAL SWITCH SENDING UNIT KIT
MPN600141	MWA001	WASHER "A" FLANGE
MPN600142	MWA002	AIR SHIFT SENDING SWITCH COPPER WASHER
MPN600143	MWA-003	ALUMINUM WASHER
MPN600144	MWA-004	WASHER



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METARIS #	ALTERNATE #	DESCRIPTION
MPN600145	MWA-005	WASHER TYRONE FLANGE
MPN600147	MWA-010	CABLE SHIFT COPPER WASHER
MPN600148	MWA-009	END CAP WASHER
MPN600149	MWA-016	CABLE SHIFT SENDING SWITCH COPPER WASHER
MPN600150	MWA-431	ANTI FRICTION WASHER
MPN600151	MWK-516	5/16 WOODRUFF KEY
MPN600152	MAS042	ALLEN HEAD BOLT TYRONE FLANGE
MPN600153	MCM399	CONSTANT MESH KIT
MPN600155	MCS020	PTO MOUNTING CAP SCREW
MPN600156	MCS021	8 BOLT CAP SCREW (METRIC)
MPN600157	MCS029	8 BOLT DEEP MOUNT CAP SCREW (STD.)
MPN600159	MHS641	180° ADAPTER GEAR HOUSING
MPN600160	MOS091	7/8" 13 SPLINE TYRONE OUTPUT SHAFT
MPN600162	MWA-020	6 BOLT MOUNTING WASHER
MPN600165	MHO-1004	1/4" AIR HOSE
MPN600166	MHS651	45° ADAPTER ADAPTER HOUSING
MPN600171	MFI-44N	NIPPLE 1/4" x 1/4"
MPN600174	MFI-24T	1/8" x 1/4" TUBE FITTING FOR CONTROLLER
MPN600175	MST084	MOUNTING STUD 8 BOLT STD.
MPN600176	EE4-306-10	10' WIRE FOR WIRE SHIFTER TOP
MPN600177	NP-177	SINGLE CONTROLLER NAME PLATE
MPN600178	MFH-12A	IN-LINE FUSE HOLDER
MPN600179	MLI-750	PILOT LIGHT ASSY. FOR SINGLE CONTROLLER
MPN600181	MOR-090	SENDING UNIT O-RING
MPN600183	MMS-463	MACHINE SCREW FOR SINGLE CONTROLLER
MPN600184	MNU-6028	MACHINE SCREW NUT FOR SINGLE CONTROLLER
MPN600185	MWA-614	LOCK WASHER FOR SINGLE CONTROLLER
MPN600190	MRB005	INPUT BEARING FOR "A" RATIO GEAR
MPN600191	MR-42	(42) FULLER MIDRANGE INPUT GEAR
MPN600192	MR-60	(60) ALLISON INPUT GEAR
MPN600193	MST-423-12	MOUNTING STUD 3/8 x 1.625



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METARIS #	ALTERNATE #	DESCRIPTION
MPN600195	MST-423-18	MOUNTING STUD 3/8 x 2.000
MPN600196	MST-423-20	MOUNTING STUD 3/8 x 2.125
MPN600197	MST-423-22	MOUNTING STUD 3/8 x 2.50
MPN600198	MST-423-24	MOUNTING STUD 3/8 x 2.375
MPN600199	MST-423-26	MOUNTING STUD 3/8 x 2.50
MPN600200	MST-423-28	MOUNTING STUD 3/8 x 2.625
MPN600201	MST-423-30	MOUNTING STUD 3/8 x 2.750
MPN600202	MH101X	SINGLE CAB CONTROLLER KIT
MPN600203	MH201X	DUAL CONTROLLER KIT WITH KICK-OUT KIT
MPN600204	MH202X	DUAL CONTROLLER WITHOUT KICK-OUT KIT
MPN600208	MST-423-16	MOUNTING STUD 3/8 x 1.875
MPN600210	MWA-018	8 BOLT MOUNTING WASHER
MPN600211	MAP144	AIR SHIFTER ADAPTER PLUG
MPN600213	MSR-099	SNAP RING IDLER PIN
MPN600214	MH8170-200X	8 BOLT STANDARD STUD MOUNTING KIT
MPN600215	MH8170-201X	8 BOLT (DEEP MOUNT) STANDARD STUD MOUNTING KIT
MPN600216	MH170-68X	8 BOLT METRIC STUD MOUNTING KIT
MPN600217	M9013799	WIRE ASSEMBLY KIT
MPN600218	MNU075	6 BOLT NUT (TOP LOCK)
MPN600221	MTO-8	8" CAB CONTROL TOWER
MPN600222	MTO-10	10" CAB CONTROL TOWER
MPN600223	MTO-12	12" CAB CONTROL TOWER
MPN600224	MCK006X	CONVERSION TO "SF" FLANGE
MPN600227	MCK001X	CONVERSION TO "RA" FLANGE
MPN600229	MCK003X	CONVERSION TO "RB" FLANGE
MPN600230	MCK004X	CONVERSION TO "TP" FLANGE
MPN600231	MCK002X	CONVERSION TO "SE" SHAFT
MPN600232	MCS-424-34	8 BOLT MOUNTING CAP SCREW
MPN600233	MCS-424-21	8 BOLT MOUNTING CAP SCREW
MPN600237	MH8170-76X	6 BOLT STANDARD STUD MOUNTING KIT
MPN600238	MH170-96X	6 BOLT STUD KIT



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METARIS #	ALTERNATE #	DESCRIPTION
MPN600240	MH170-89X	6 BOLT STUD KIT
MPN600240	MH8170-77X	6 BOLT (DEEP MOUNT) STANDARD STUD MOUNTING KIT
MPN600240	MH8170-95X	6 BOLT STUD KIT
MPN600241	MH170-2X	6 BOLT STUD KIT
MPN600242	MH170-3X	6 BOLT STUD KIT
MPN600243	MH170-4X	6 BOLT STUD KIT
MPN600244	MH170-5X	6 BOLT STUD KIT
MPN600245	MH170-6X	6 BOLT STUD KIT
MPN600246	MH170-7X	6 BOLT STUD KIT
MPN600247	MH170-8X	6 BOLT STUD KIT
MPN600248	MH170-9X	6 BOLT STUD KIT
MPN600249	MH170-78X	6 BOLT METRIC STUD MOUNTING KIT
MPN600250	MH8170-190X	8 BOLT STUD KIT
MPN600251	MH8170-18X	8 BOLT STUD KIT
MPN600251	MH8170-192X	8 BOLT STUD KIT
MPN600251	MH8170-8X	8 BOLT STUD KIT
MPN600252	MH8170-15X	8 BOLT STUD KIT
MPN600253	MH8170-131X	8 BOLT STUD KIT
MPN600253	MH8170-14X	8 BOLT STUD KIT
MPN600254	MH8170-7X	8 BOLT STUD KIT
MPN600255	MWA-019	8 BOLT METRIC MOUNTING WASHER
MPN600256	MR-577	MHD8 (E-01) DOUBLE INPUT GEAR
MPN600257	MOS-056	OUTPUT SHAFT MHD8 (1 1/4" ROUND)
MPN600258	MR-578	MHD8 (E-01) SINGLE OUTPUT GEAR
MPN600258	MR-578	MHD8 (E-24) SINGLE OUTPUT GEAR
MPN600259	MCC-321	CLUTCH COLLAR
MPN600260	MGB-901	GEAR BUSHING
MPN600261	MHS-633	MHD8 HOUSING
MPN600262	EE4-306-12	12' WIRE FOR WIRE SHIFTER TOP
MPN600263	EE4-306-15	15' WIRE FOR WIRE SHIFTER TOP
MPN600264	MSK-001X	PTO 6 BOLT "RA" & "RB" SEAL KIT



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METARIS #	ALTERNATE #	DESCRIPTION
MPN600265	MSK-002X	PTO 6 BOLT "SE" SEAL KIT
MPN600266	MSK-003X	PTO 6 BOLT "TP" SEAL KIT
MPN600267	MSK-004X	PTO 6 BOLT "SF" SEAL KIT
MPN600268	MSK-005X	PTO 8 BOLT "RA" & "RB" SEAL KIT
MPN600269	MSK-006X	PTO 8 BOLT "SE" SEAL KIT
MPN600270	MSK-007X	PTO 8 BOLT "SF" SEAL KIT
MPN600271	MSK-008X	PTO 8 BOLT "TP" SEAL KIT
MPN600272	MEC-711	END CAP
MPN600273	MOR-004	O-RING (VITON)
MPN600274	MOR-005	O-RING (VITON)
MPN600275	MPC-573	PISTON CARRIER COVER
MPN600276	MPI-531	SHIFTER PISTON
MPN600277	MPL-731	BACKLASH PLUG
MPN600278	MRB-011	NEEDLE BEARING
MPN600279	MRB-021	OUTPUT SHAFT LOAD BEARING
MPN600280	MSB-431	SHIFTER SHAFT
MPN600281	MSH-011	SHIM FOR SHAFT SPRING
MPN600282	MSH-051	INPUT BEARING SHIM
MPN600284	MSP-031	SHIFTER SHAFT SPRING
MPN600285	MSP-082	MOUNTING SPACER
MPN600287	MSR-015	OUTPUT SHAFT SEAL SNAP RING
MPN600288	MWA-013	SEALING WASHER
MPN600289	MWA-452	ANTI FRICTION SPACER
MPN600290	MAS-087	ALLEN HEAD BOLT TYRONE FLANGE
MPN600291	MSE-013	OUTPUT SHAFT SEAL
MPN600300	MSF-434	SHIFTER FORK
MPN600301	MNU006	MOUNTING STUD NUT
MPN600302	MAD626-01-1	180 DEGREE ADAPTER FOR FULLER IN 1 POSITION
MPN600303	MAD645-01-1	45 DEGREE ADAPTER FOR FULLER IN 1 POSITION
MPN600304	CP-833	Single Controller Plate
MPN600305	MSC-119	Plate to tower mounting screw



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# P.T.O. PRODUCT LISTING

METARIS #	ALTERNATE #	DESCRIPTION
MPN600306	MSC-306	Single shifter to plate mounting screw
MPN600307	MH102X	Single Controller adapter Kit for Tower
MPN600308	MAS-061	FLANGE ALLEN HEAD BOLTS
MPN600312	MPBK-1000	DUMP PUMP SUPPORT BRACKET KIT
MPN600313	MR-782	MHD8 (B-01) DOUBLE INPUT GEAR
MPN600314	MR-786	MHD8 (J-01) DOUBLE INPUT GEAR
MPN600315	MR-783	MHD8 (B-01) SINGLE OUTPUT GEAR
MPN600316	MR-787	MHD8 (J-01) SINGLE OUTPUT GEAR
MPN600317	MR-614	MHD8 (E-24) DOUBLE INPUT GEAR
MPN600318	MFL-191	OUTPUT FLANGE
MPN600319	MOS-521	OUTPUT SHAFT MHD8 (1 1/4" 14 SPLINE)
MPN600320	MEC-581	SENDING UNIT COVER
MPN600322	MH170-16X	6 BOLT STUD KIT FOR MACK ADAPTER GEAR
MPN600323	MGA-129	FLANGE GASKET
MPN600324	MAD530-1X	SINGLE GEAR ADAPTER FOR MACK
MPN600326	MCP144	AIR SHIFTER HOUSING COVER PLUG
MPN600327	MSB002	CABLE SHIFTER BAR
MPN600333	MSWK699	WIRING HARNESS FOR SINGLE POLE SENDING UNIT
MPN600334	MSW003	SINGLE POLE SENDING UNIT
MPN600473	MAD626-01-3	180 DEGREE ADAPTER FOR FULLER IN 3 POSITION
MPN600474	MAD645-01-3	45 DEGREE ADAPTER FOR FULLER IN 3 POSITION
MPN600481	MWA-008	WASHER
MPN600484	01X	INPUT GEAR KIT
MPN600485	02X	INPUT GEAR KIT
MPN600486	05X	INPUT GEAR KIT
MPN600487	06X	INPUT GEAR KIT
MPN600488	08X	INPUT GEAR KIT
MPN600489	11X	INPUT GEAR KIT
MPN600490	17X	INPUT GEAR KIT
MPN600491	21X	INPUT GEAR KIT
MPN600492	24X	INPUT GEAR KIT



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# P.T.O. PRODUCT LISTING

METARIS #	ALTERNATE #	DESCRIPTION
MPN600493	27X	INPUT GEAR KIT
MPN600494	28X	INPUT GEAR KIT
MPN600495	33X	INPUT GEAR KIT
MPN600496	34X	INPUT GEAR KIT
MPN600497	50X	INPUT GEAR KIT
MPN600498	52X	INPUT GEAR KIT
MPN600499	M902299X	AIR SHIFTER TOP KIT POS. 1-4
MPN600500	M902300X	AIR SHIFTER TOP KIT POS. 2-3
MPN600501	M902099X	WIRE SHIFTER TOP KIT POS. 1-4
MPN600502	M903599X	WIRE SHIFTER TOP KIT POS. 2-3
MPN600503	MH103X	SINGLE CONTOLLER ONLY
MPN600510	42X	INPUT GEAR KIT
MPN600511	60X	INPUT GEAR KIT
MPN600524	MCS-022	MOUNTING CAP SCREW
MPN600525	MCS-023	METRIC MOUNTING CAP SCREW
MPN600526	MSK-009X	MHD8 SEAL KIT FOR (RJ) OUTPUT
MPN600527	MSK-010X	MHD8 SEAL KIT FOR (SE) OUTPUT
MPN600529	MH170-69X	METRIC STUD KIT FOR A MHD8 SERIES
MPN600542	MGA4020EC	END CAP COVER GASKET (.020) THICK
MPN600536	MGA-7410	MHS10 MOUNTING GASKET .010 THICK
MPN600537	MGA-7415	MHS10 MOUNTING GASKET .015 THICK
MPN600538	MGA-7420	MHS10 MOUNTING GASKET .020 THICK
MPN600378	MGA-101	BEARING COVER GASKET FOR MHS6 & MHS10 SERIES
MPN600544	MCK-007X	7/8-13 SPLINE GREASABLE SHFT CONVERSION KIT
MPN600545	MCK-008X	1"-15 SPLINE GREASABLE SHFT CONVERSION KIT
MPN600548	MVA-0300	DUAL PRESSURE DIRECTIONAL CONTROL VALVE
MPN600549	MVA-0041	SINGLE PRESSURE DIRECTIONAL CONTROL VALVE
MPN600609	MOR-609	O-RING FOR NEW STYLE IDLER PIN
MPN600638	MOK-008X	OVERHAUL KIT FOR "TP" OUTPUT
MPN600639	MOK-004X	OVERHAUL KIT FOR "SF" OUTPUT
MPN600640	MOK-003X	OVERHAUL KIT FOR "TP" OUTPUT



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# P.T.O. PRODUCT LISTING

<b>METARIS #</b>	<b>ALTERNATE #</b>	<b>DESCRIPTION</b>
MPN600641	MOK-006X	OVERHAUL KIT FOR "SE" OUTPUT
MPN600642	MOK-001X	OVERHAUL KIT FOR "RA" & "RB" OUTPUT
MPN600643	MOK-002X	OVERHAUL KIT FOR "SE" OUTPUT
MPN600644	MOK-005X	OVERHAUL KIT FOR "RA" & "RB" OUTPUT
MPN600645	MOK-007X	OVERHAUL KIT FOR "SF" OUTPUT



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## P.T.O. HOSE KITS LISTING

METARIS #	ALTERNATE #	DESCRIPTION
MPN600295	MHK-12-6-2L	2 LINE - HOSE KIT
MPN600296	MHK-14-8-2L	2 LINE - HOSE KIT
MPN600297	MHK-16-8-2L	2 LINE - HOSE KIT
MPN600298	MHK-20-12-2L	2 LINE - HOSE KIT
MPN600293	MHK-09-08-3L	3 LINE - HOSE KIT
MPN600292	MHK-12-12-3L	3 LINE - HOSE KIT
MPN600294	MHK-16-24-3L	3 LINE - HOSE KIT
MPN600299	MHK-20-24-3L	3 LINE - HOSE KIT

## P.T.O. HYDRAULIC TANKS LISTING

METARIS #	ALTERNATE #	DESCRIPTION	DIMENSIONS
MPN098708*	MHA-2000*	50 gal. Poly Upright Tank	35" X 16" X 26"
MPN098709*	MHA-3000*	50 gal. Steel Upright Tank	34" X 13" X 36"
MPN098710*	MHA-3070*	70 gal. Steel Upright Tank	46.5" X 13" X 26"
MPN099295	MHA-30-100	100 gal. Steel Upright Tank	48" X 16" X 30"
MPN098712*	MHA-4000*	50 gal. Upright Aluminum Tank	34" X 13" X 26"
MPN099297	MHA-4035	35 gal. Upright Aluminum Tank	
MPN098713*	MHA-4070*	70 gal. Upright Aluminum Tank	46.5" X 13" X 26"
MPN098711*	MHA-3500*	50 gal. Steel Saddlemount Tank	24" Dia. X 27" Long
MPN099302	MHA-3525	25 gal. Steel Saddlemount Tank	24" Dia. X 15" Long
MPN099303	MHA-3535	35 gal. Steel Saddlemount Tank	24" Dia. X 19" Long
MPN099304	MHA-3560	60 gal. Steel Saddlemount Tank	
MPN099305	MHA-3575	75 gal. Steel Saddlemount Tank	24" Dia. X 39" Long
MPN099306	MHA-35-100	100 gal. Steel Saddlemount Tank	24" Dia. X 51" Long
MPN098714*	MHA-4500*	50 gal. Aluminum Saddlemount Tank	24" Dia. X 27" Long
MPN098715*	MHA-4500SS***	50 gal. Aluminum Saddlemount Tank	24" Dia. X 27" Long
MPN099307	MHA-4525	25 gal. Aluminum Saddlemount Tank	24" Dia. X 15" Long
MPN099104*	MHA-4525SS***	25 gal. Aluminum Saddlemount Tank	24" Dia. X 15" Long
MPN099308	MHA-4535	35 gal. Aluminum Saddlemount Tank	24" Dia. X 19" Long



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# P.T.O. HYDRAULIC TANKS LISTING

METARIS #	ALTERNATE #	DESCRIPTION	DIMENSIONS
MPN099309	MHA-4560	60 gal. Aluminum Saddlemount Tank	24" Dia. X 24" Long
MPN099020*	MHA-4560SS***	60 gal. Aluminum Saddlemount Tank	24" Dia. X 24" Long
MPN099310	MHA-4575	75 gal. Aluminum Saddlemount Tank	24" Dia. X 39" Long
MPN099249*	MHA-4575SS***	75 gal. Aluminum Saddlemount Tank	24" Dia. X 39" Long
MPN099311	MHA-45-100	100 gal. Aluminum Saddlemount Tank	24" Dia. X 51" Long
MPN099250	MHA-45-100SS	100 gal. Aluminum Saddlemount Tank	24" Dia. X 51" Long
MPN099312	MHA-3107	7 gal. Steel Sidemount	12" X 12" X 12"
MPN099313	MHA-3100	10 gal. Steel Sidemount	12" X 14" X 14"
MPN099251*	MHA-3150	15 gal. Steel Sidemount	16" X 14" X 16"
MPN099252*	MHA-3250	25 gal. Steel Sidemount	20" X 15" X 20"
MPN099253*	MHA-3300	30 gal. Steel Sidemount	24" X 15" X 20"
MPN099254	MHA-3400	40 gal. Steel Sidemount	32" X 15" X 20"
MPN099314	MHA-4150	15 gal. Aluminum Sidemount	16" X 14" X 16"

\* THESE ARE TANKS WE HAVE IN STOCK

\*\*THESE MOUNTING KITS ARE SENT SEPARATELY DUE TO PACKAGING DIFFERENCES. THERE ARE NO EXTRA TANK CHARGES.

IF THERE IS NO MOUNTING KIT WEIGHT THAN THE MOUNTING KIT IS IN WITH THE TANK PACKAGING.

\*\*\* HAS STAINLESS STRAPS



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# P.T.O. PRODUCT LISTING

## WARRANTY POLICY AND PROCEDURES

### WARRANTY

Metaris Inc. and Metaris Corp. hereinafter "Metaris", warrants all of its product to be free from defects in material and workmanship under normal operating conditions and proper application in accordance with the specifications for operation as described by the manufacturer for the period of twelve (12) months in service.

### LIMITATIONS ON WARRANTY

This warranty is expressly in lieu of any other warranties expressed or implied. Buyers sole and exclusive remedy under this Warranty shall be limited to the repair, replacement or exchange of warranted products at our option, F.O.B. our factory, or designated service center.

No special, incidental, consequential or other damage shall be recoverable. Metaris shall not be liable for consequential damages or contingent liabilities including, but not limited to, loss of life, personal injury, loss of crops, loss due to water or fire damage, loss of business income, down time costs and trade or other commercial loss arising out of failure of the product. Metaris will in no event be liable for any sum in excess of the price received by it for the product for which liability is claimed or asserted.

No products shall be returned without prior authorization from Metaris. Buyers and their Agents shall prepay all transportation charges for the return of such products to a Metaris location or designated service center. There will be no acceptance of any charges for labor and/or parts incidental to the removal or remounting of products repaired or replaced under Warranty.

The above Warranty does not cover conditions over which Metaris has no control, including, without limitation, contamination, pressure in excess of recommended maximum, products damaged or subject to accident abuse or misuse after shipment from our factory, products altered or repaired by anyone other than Metaris personnel, authorized Metaris factory personnel or persons so designated in writing by Metaris prior to commencement of said work.

A return goods authorization number must be obtained from Metaris or a Metaris authorized service center, or a Metaris authorized agent prior to any products being returned for Warranty.



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## METARIS BRAND REPLACEMENT PARTS

Our extensive inventory assures you of prompt shipping of pumps and parts anywhere in the world.

Our parts are 100% interchangeable with OEM products. We are committed to high quality, zero defects, and getting your orders out correctly and on time.

Whatever your application, Metaris has a high quality replacement product 100% backed by our commitment to service.

**WE WANT TO SUPPLY ALL YOUR P.T.O. PRODUCT NEEDS.**



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