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Illustrated Parts List

RTLO-14618A
July 2011

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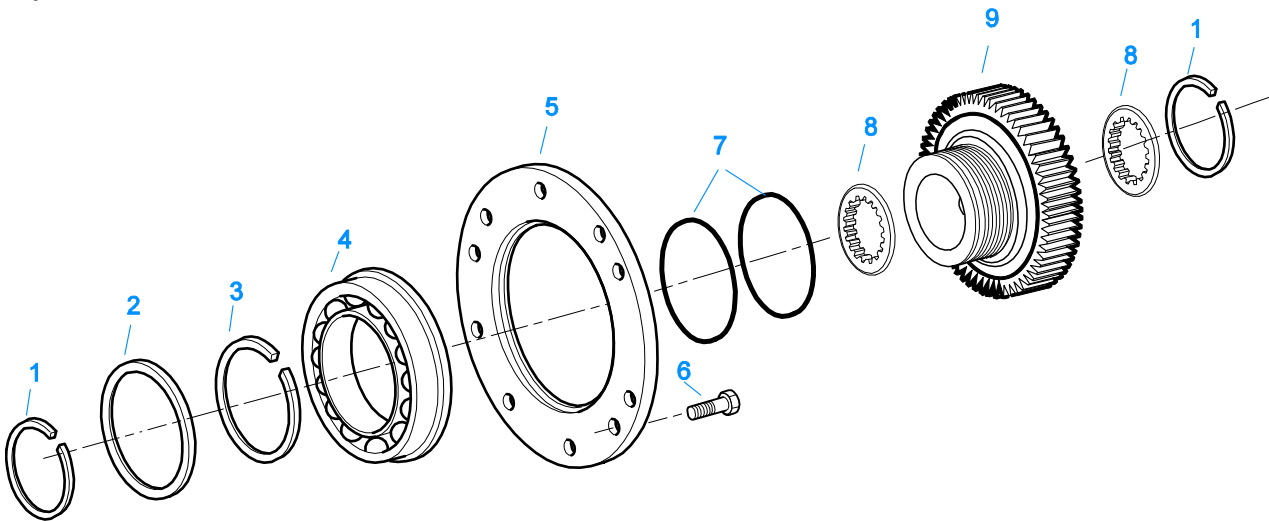
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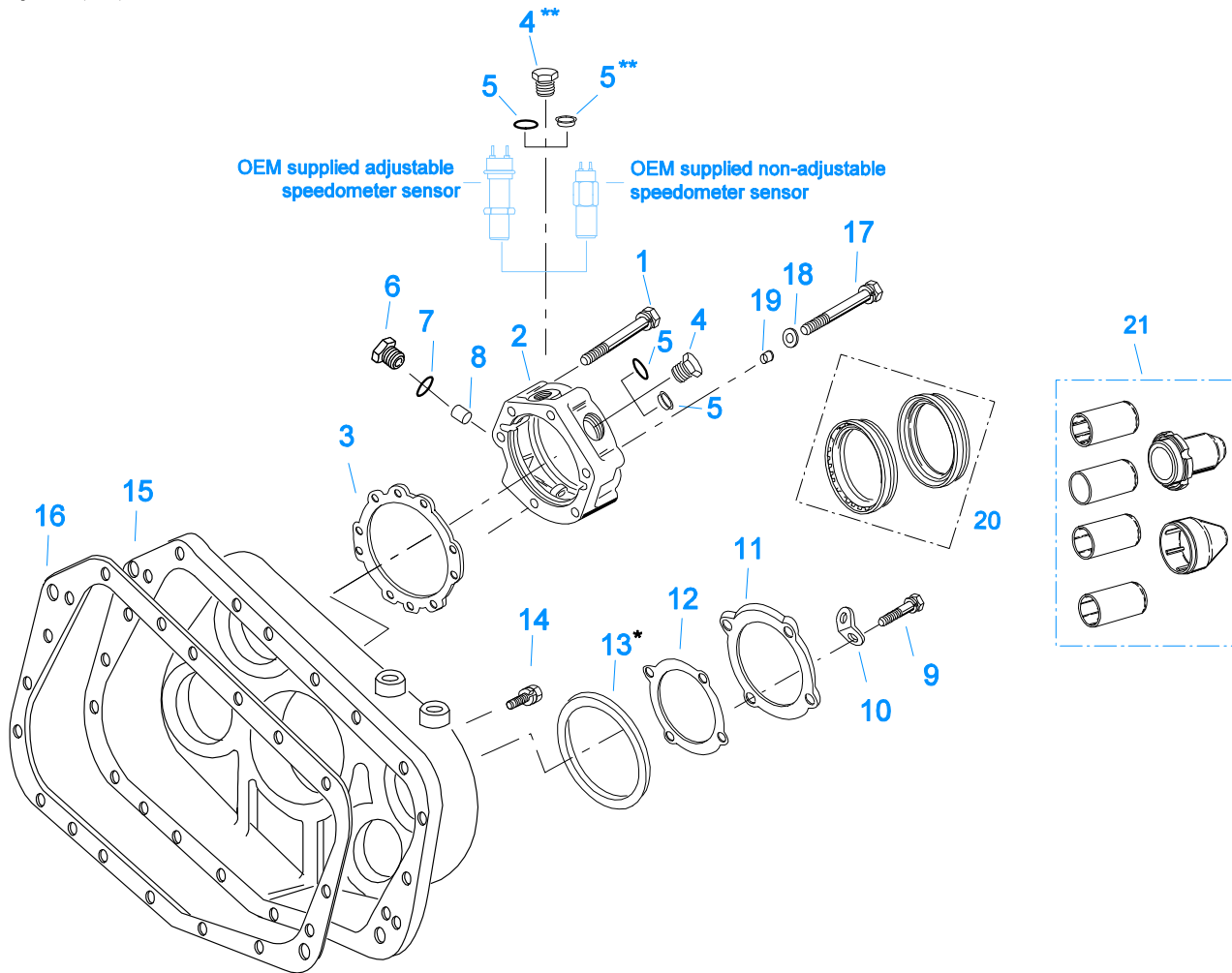




10481-12/92 Aux DG

AUXILIARY DRIVE GEAR

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	16763	SNAP RING		2		K-2433,K-2993,K-2996
2	21320	SNAP RING RETAINER		1		K-3189
3	16628	SNAP RING		1		K-2433
4	5566507-BOX	BEARING	5566504,5566507	1		K-2993,K-2996
5	16138	BEARING RETAINER		1		
6	X-8-645	CAPSCREW	X 8 612	1	3/8"-16X1"	
7	17453	-O- RING		2		K-2993,K-2996,K-3189
8	21599	WASHER		2		
9	K-3189	REPLT KIT-DRIVE GEAR	4300467 ,4303558 ,K - 2312	1		



**** Note — Items 4 & 5 / Magnetic Speedometer Openings:**

Use 13679 "O" ring w/ OEM supplied adjustable speedometer sensor

and 20225 "O" ring w/ OEM supplied non-adjustable speedometer sensor or Eaton part #20224 Plug

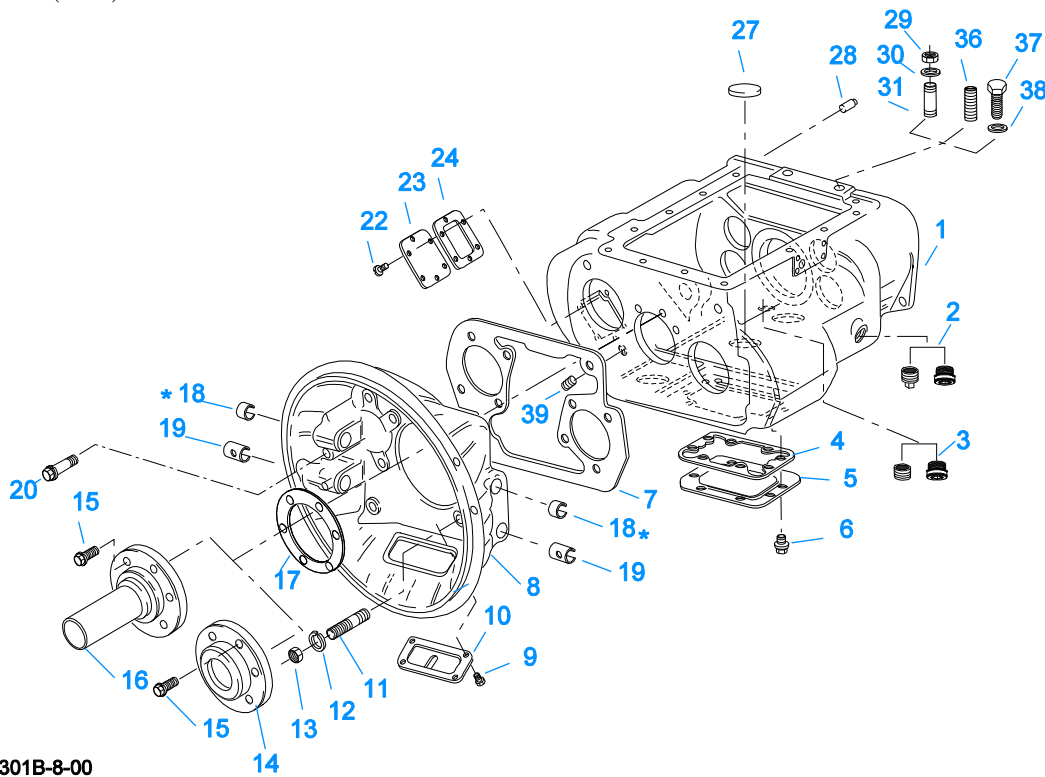
* See Service Manual for Proper Shimming Procedure

10402-9/93 Aux Case 18/13 spd

CASE (AUX)

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	X-8L-611	CAPSCREW		5	3/8"-16X3-1/4"	
2	S-2119	REAR BRG COVER ASSY	20048 ,22045 ,4302009 ,4302031 ,S - 1558 S - 1560	1	EXTENDED	
3	15532	GASKET		1		K-2199,K-2262,S-2119
4	20224	PLUG-MAGNETIC		2		S-1892,S-2119
5	13679	-O- RING		1	USE W/OEM SUPPLIED ADJUSTABLE SPEEDOMETER SENSOR	
5	20225	-O- RING		2	USE W/20224 PLUG OR OEM SUPPLIED NON-ADJUSTABLE SPEEDOMETER SENSOR	
6	20226	PLUG-MECHANICAL	2237	1		S-1892,S-2119
7	14142	-O- RING		1		S-1892,S-2119
8	7992	BUSHING		1		S-2119
9	X-8L-604	CAPSCREW		8	3/8"-16X1-1/4"	
10	20815	LIFTING EYE	17105	2		S-1892
11	4300925	REAR BEARING COVER	4300185	2		S-1892
12	4300186	GASKET		2		K-2199,S-1892
13	K-2430	SHIM KIT	21452	1		K-2338,K-2993,K-

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
13	K-2431	SHIM KIT		1	FOR AUXILIARY COUNTERSHAFT PUMP	2996,S-1892
14	X-8L-602	CAPSCREW		9	3/8"-16X1-1/2"	
14	X-8L-604	CAPSCREW		8	3/8"-16X1-1/4"	
14	X-8L-614	CAPSCRCREW		2	3/8"-16X2"	
15	S-2986	REAR HOUSING CASE ASSY	4300181 ,4300863	1		
16	14335	GASKET		1		K-2199,S-1892
17	X-8-611	CAPSCREW		1	3/8"-16X3-1/4"	
18	17106	GASKET		1		K-2199,K-2262,S-2119
19	19709	COLLAR		1		K-2199,K-2262,S-2119
20	K-2262	OIL SEAL W/SLINGER	19109 20807 20808	1	"FOR MECHANICAL COVER"	K-2338,K-2993,K-2996
21	K-3651	OIL SEAL TOOL KIT		1		



10301B-8-00

* Bushing quantity requirements: #1 Housing – Upper bore use 4 #12815 / Lower bore use 2 #8677.

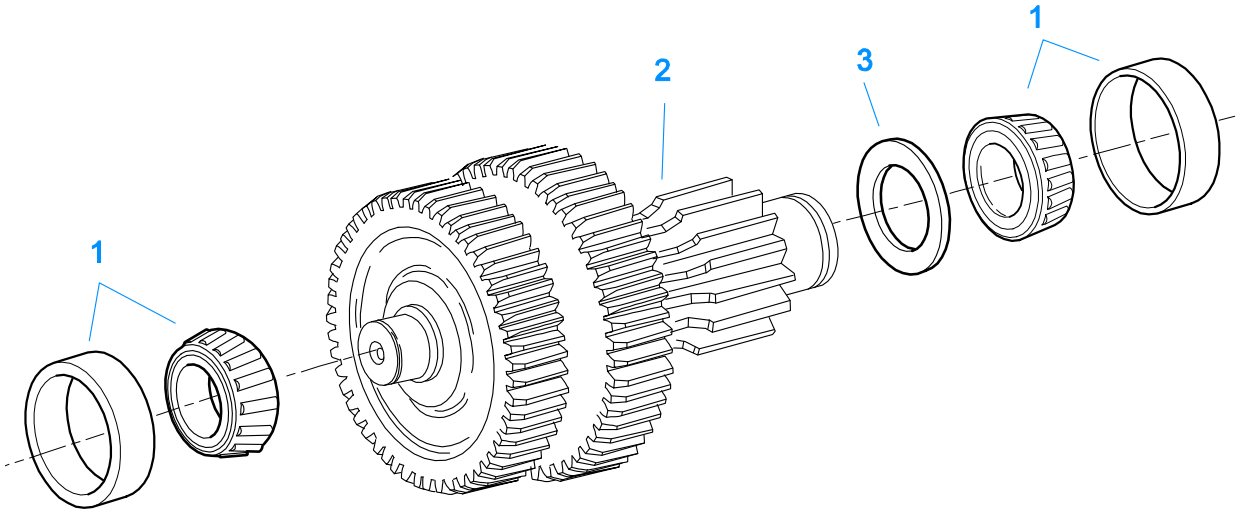
#2 Housing – Upper bore use 2 #12815 and 1 #8677 / Lower bore use 2 #8677.

Note: Some part requirements are specific to #1 or #2 Clutch Housings and Push or Pull type Clutch.

CASE (FRONT)

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	S-1820	CASE ASSY	4300445	1	FOR USE W/INTEGRAL PUMP	
1	S-1888	CASE ASSY	4300590	1		
2	4304023	PLUG	4303747	1	1-1/16" MAGNETIC, O-RING INCLUDED	
2	X-12-2007	PIPE PLUG	X12 2006	1		
3	4304023	PLUG	4303747	1	1-1/16" MAGNETIC, O-RING INCLUDED	
3	X-12-1207	PIPE PLUG	X12 1202 ,X12 1206	1	3/4" MAGNETIC	
4	4305310	GASKET	4302810	1		K-2199
5	4302809	PTO COVER	16596,4300571	1		
6	X-8-725	CAPSCREW	X 8 724	8	7/16"-14X7/8"	
7	4306584	CLUTCH HOUSING GASKET	4304815,4305668	1		K-2199
8	A-3713	CLUTCH HOUSING ASSY	A - 3700	1	#1 PUSH-PULL IRON	
8	A-3723	CLUTCH HOUSING ASSY	A - 3721 ,A - 3722	1	#2 PUSH-PULL IRON	
9	239614	SCREW	X-8L-509	4	5/16-18X.81 QUANTITY DEPENDENT ON DESIGN	
10	14506	HAND HOLE COVER		1	#2 PUSH	
10	14507	HAND HOLE COVER		1	#2 PULL	
10	4305230	HAND HOLE COVER	11453	1	#1 PULL	
10	4305231	HAND HOLE COVER	1565	1	#1 PUSH	
11	4306583	STUD	5966	6		
12	X-10-1005	WASHER	X 3 1000 ,X10 1000 ,X10 1004 ,X-1-1005	6	1.23 X 6.60	
13	X-1-1012	HEX NUT		6	.625-18	
14	20550	FRONT BRG COVER		1	2" PULL	K-2468,K-4125
15	X-8L-604	CAPSCREW		6	3/8"-16X1-1/4"	
16	20549	FRONT BRG COVER		1	2" PUSH	
17	14311	GASKET		1		K-2199
18	12815	BUSHING		4	FOR #1 HOUSING - UPPER	A-3713,A-3723,K-2468
18	12815	BUSHING		2	FOR #2 HOUSING - UPPER	A-3713,A-3723,K-2468
18	8677	BUSHING		1	FOR #2 HOUSING - UPPER	A-3713,A-3723

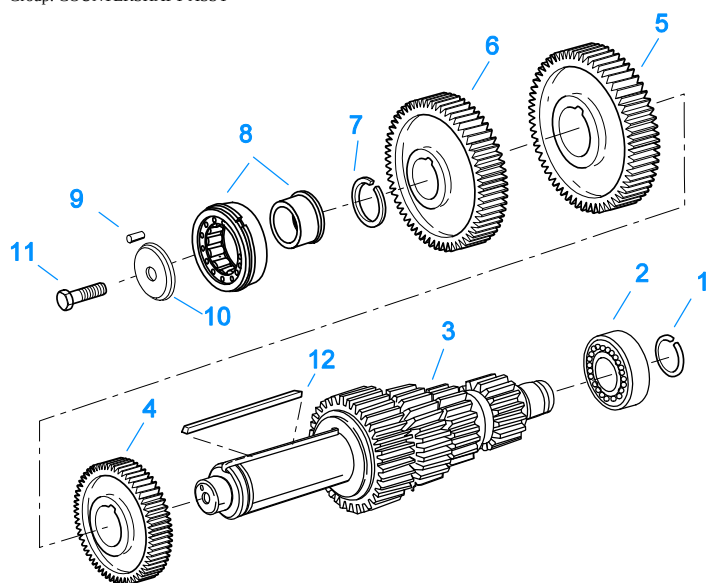
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
19	8677	BUSHING		3	FOR #1 AND #2 HOUSING - LOWER	A-3713,A-3723
20	X-8C-830	HEX HEAD SCREW/WASHER ASSY	X-8C-826	2	.500-13 X 1.490, FOR IRON HOUSING	
20	X-8C-831	HEX HEAD SCREW/WASHER ASSY	X-8C-822	2	.500-13 X 3.460, FOR IRON HOUSING	
22	X-8-686	CAPSCREW		6	3/8"-16X3/4"	
23	14575	PTO COVER	4302254	1		
24	4305309	GASKET	1684	1		K-2199
27	14373	MAGNET		3		S-1820,S-1888
28	18128	PIN		2		
29	X-1-1012	HEX NUT		2	.625-18	
30	X-10-1005	WASHER	X 3 1000 ,X10 1000 ,X10 1004	2	1.23 X 6.60	
31	14554	STUD	1632 ,6579	2	5/8" X 2-3/16"	
36	23104	PLUG	1712	2		
37	X-8-1005	CAPSCREW		2	5/8"-11X1-1/4"	
38	20814	SPACER		2		
39	X-12-802	PIPE PLUG	X12 800	1	1/2"	



10441-4/92 Aux CS 13/18 spd

COUNTERSHAFT & BRGS(AUX)

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	4302074-BOX	BEARING	21343,4302074	4		K-2338,K-2993,K-2996
2	A-6840	WELDED COUNTERSHAFT ASSY	A - 5747 ,A - 5899	2	C/S 4303902 - D/G 4300783 S/G 4300396	
3	4300184	SPACER		2		

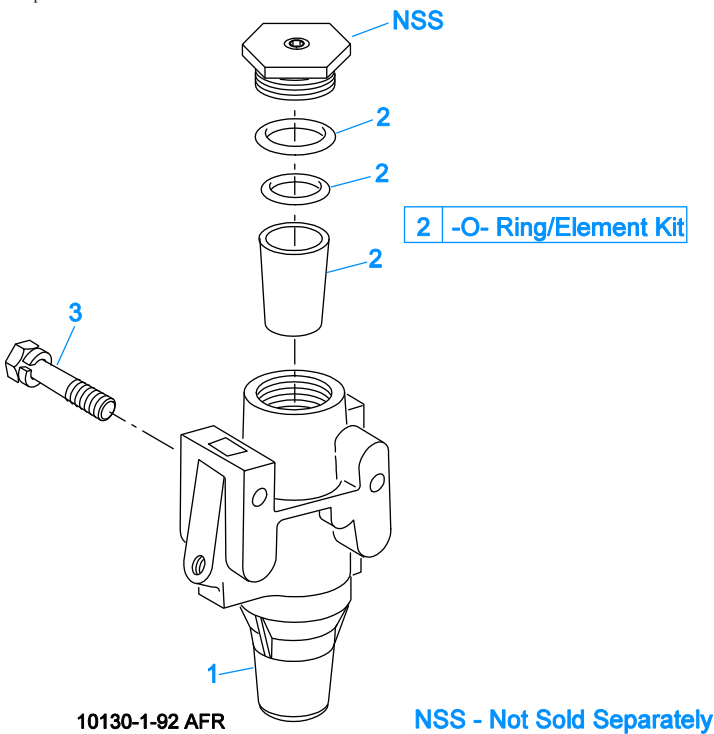


10342-4/92 CS/RTLO

COUNTERSHAFT ASSY

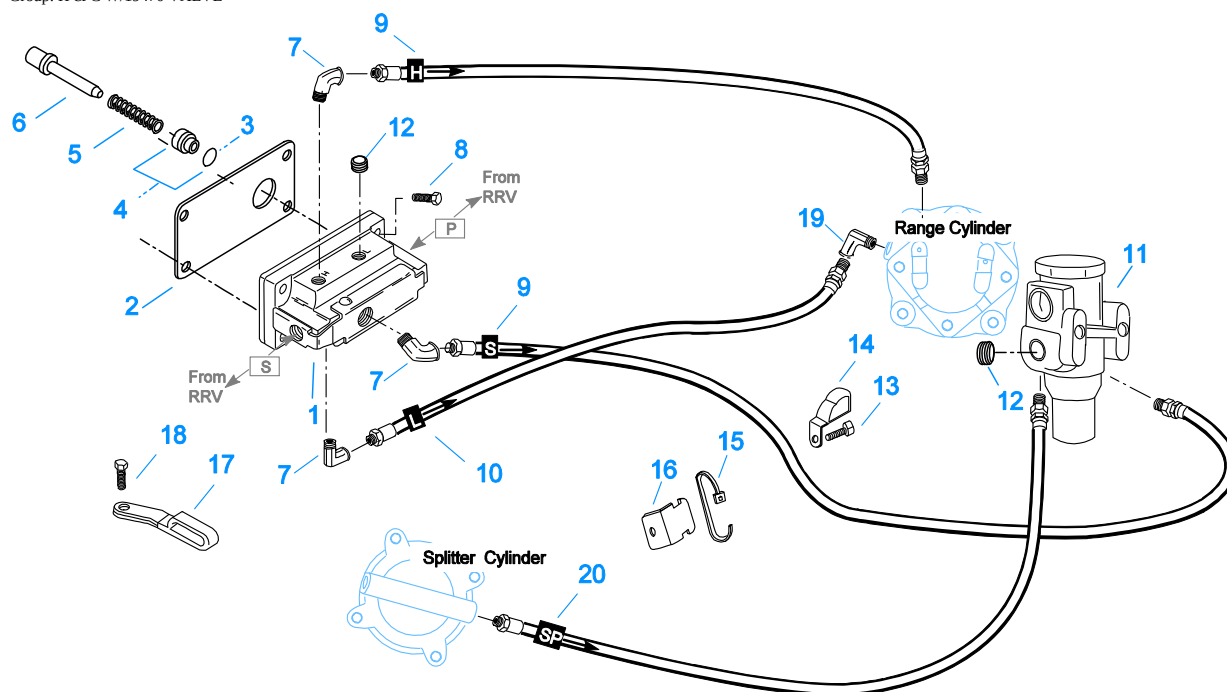
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	14317	SNAP RING		2		K-2433,K-2993,K-2996
2	4303031	BEARING	14366	2		K-2993,K-2996
3	A-6689	CNTRSHFT W/1ST & 2ND	A - 5746 ,A - 5873 ,K - 2939 ,K - 2968	2		
4	21588	3RD GEAR-CNTRSHFT		2		
5	15953	PTO GEAR - LOWER		1		
5	16390	NO LONGER AVAILABLE		2	OPTIONAL IF PTO GEARS ARE NOT USED	
5	20840	PTO GEAR - UPPER	15952	1		
6	21586	DRIVE GEAR-CNTRSHFT	22271	2		
7	19198	SNAP RING		2		
8	4304599	BEARING	4302677 4304598	2		K-2993,K-2996
9	62511	ROLL PIN		2		A-6689,K-2433
10	4304605	RETAINER	19548	2	ROLL PIN NO LONGER REQUIRED	
11	X-7-1005	CAPSCREW		2	5/8"-18X1-3/4"	
12	4304840	KEY	19673	1	KEY INCLUDED IN COUNTERSHAFT ASSY	A-6689

Group: FILTER REGULATOR



FILTER REGULATOR

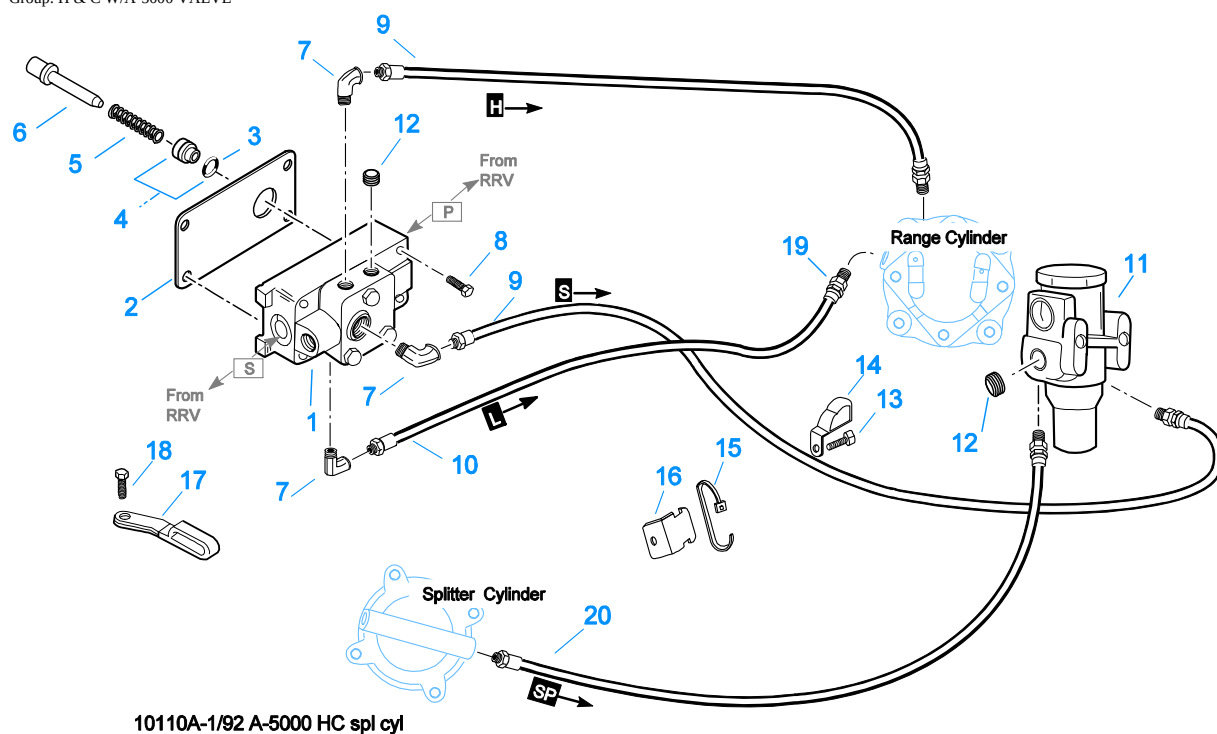
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	A-4740	FILTER/REGULATOR	19600	1		
2	K-1698	-O- RING/ELEMENT KIT		1	FOR FILTER REGULATOR	
3	X-8C-412	CAPSCREW	X 8S 412	2	1/4"-20X2-1/4"	



10111A-1/92 19470 HC spl cyl

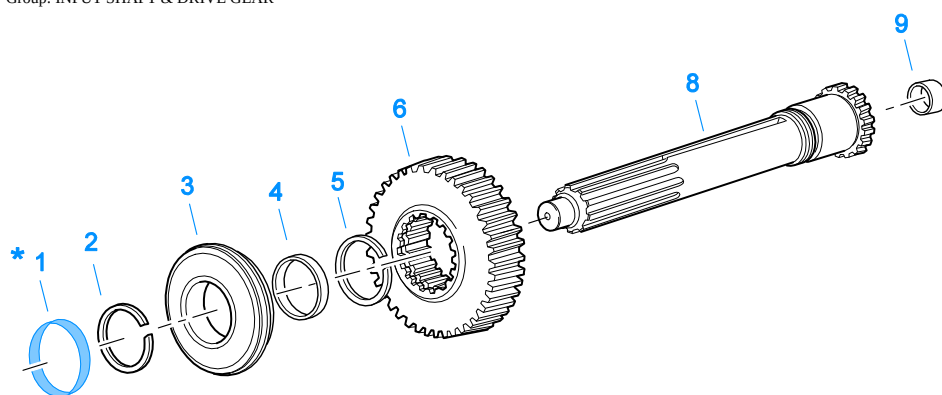
H & C W/19470 VALVE

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	K-2424	VALVE REPLACEMENT KIT	19470	1		
2	19481	GASKET		1		K-2199,K-2424
3	19462	-O- RING	14033	1		K-1969
4	K-1969	SLEEVE KIT	14362 ,19460 ,21446	1	FOR SLAVE VALVES	
5	21268	SPRING	19572	1		
6	20490	PIN	19459	1		
7	12845	ELBOW		3	1/8"	
8	X-8C-401	CAPSCREW		4	1/4"-20X1-1/8"	
9	55509	HOSE ASSY		2	34"	
10	55518	HOSE ASSY		1	32"	
11	A-4740	FILTER/REGULATOR	19600	1		
12	X-12-208	PIPE PLUG		2	1/8" NPT	
13	X-8L-601	CAPSCREW		1	3/8"-16X3/4"	
14	21427	HOSE CLAMP		1		
15	21425	STRAP		1		
16	21426	BRACKET		1		
17	21428	HOSE CLAMP		1		
18	X-8L-604	CAPSCREW		1	3/8"-16X1-1/4"	
19	12880	ELBOW		1	1/8"	
20	55527	HOSE ASSY		1	15"	



H & C W/A-5000 VALVE

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	A-5000	SLAVE VALVE ASSY	20850	1		K-2424
2	19481	GASKET		1		K-2199,K-2424
3	19462	-O- RING	14033	1		K-1969
4	K-1969	SLEEVE KIT	14362 ,19460 ,21446	1	FOR SLAVE VALVES	
5	21268	SPRING	19572	1		
6	20490	PIN	19459	1		
7	12845	ELBOW		3	1/8"	
8	X-8C-411	CAPSCREW		4	1/4"-20X1-3/4"	
9	55509	HOSE ASSY		2	34"	
10	55518	HOSE ASSY		1	32"	
11	A-4740	FILTER/REGULATOR	19600	1		
12	X-12-208	PIPE PLUG		2	1/8" NPT	
13	X-8L-604	CAPSCREW		1	3/8"-16X1-1/4"	
14	21427	HOSE CLAMP		1		
15	21425	STRAP		1		
16	21426	BRACKET		1		
17	21428	HOSE CLAMP		1		
18	X-8L-604	CAPSCREW		1	3/8"-16X1-1/4"	
19	12880	ELBOW		1	1/8"	
20	55527	HOSE ASSY		1	15"	



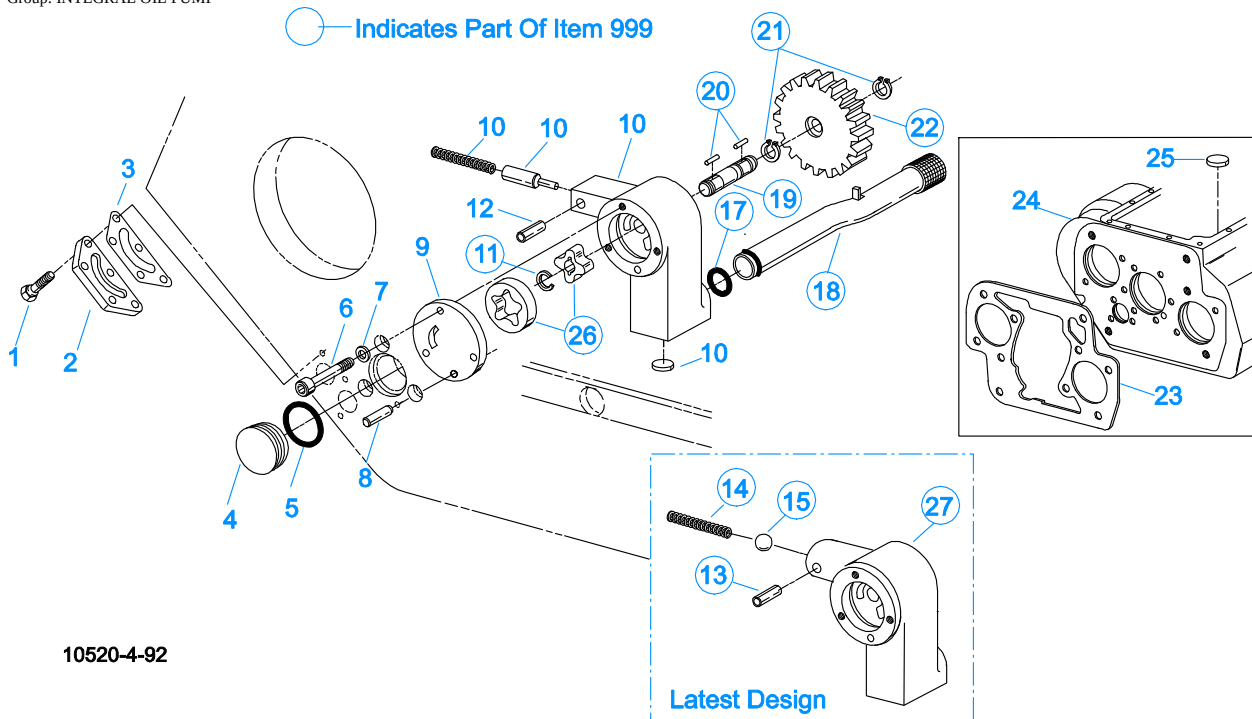
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10370-1/92 IS

INPUT SHAFT & DRIVE GEAR

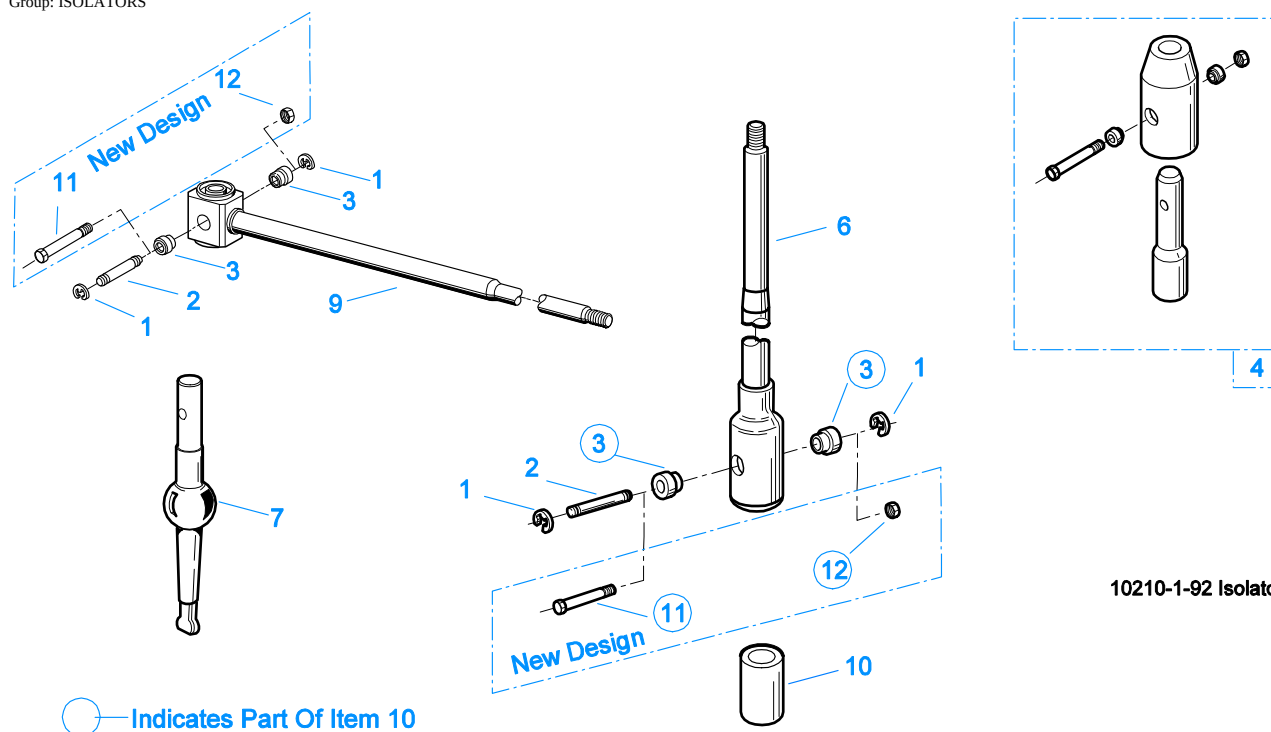
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	23559	SHIPPING SEAL		1	NOT SOLD FOR SERVICE	
2	16980	SNAP RING		1		K-2468,K-2993,K-2996,K-4125
3	81504	BEARING		1		K-2468,K-2993,K-2996,K-4125
4	16463	SPACER		1		
5	14750	SNAP RING		1		K-2433,K-2468,K-2993,K-2996,K-4125
6	20458	MAIN DRIVE GEAR	19630	1		
8	S-1659	INPUT SHAFT	20535 23566 ,4302661	1	2" PULL - USE W/FBC 20550	K-2468,K-2993,K-4125
8	S-1660	INPUT SHAFT	20536 ,23567	1	2" PUSH - USE W/FBC 20549	
9	16566	BUSHING		1		K-2996,S-1659,S-1660



INTEGRAL OIL PUMP

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	X-8C-409	CAPSCREW		5	1/4"-20X5/8" - USE WITH 4300751 COVER	
1	X-8C-430	CAPSCREW		5	1/4"-20X7/8" - USE WITH 20513 COVER	
2	K-2402	COVER & SCREW KIT	20513 ,4300751	1		K-2402
3	20514	GASKET		1		
4	20823	PLUG		1		
5	14765	-O- RING		1		K-1431,K-1450,K-2002
6	X-8-448	SCREW	X 8 445	3	1/4"-20X1-1/4"	
7	20824	WASHER		3		K-3367
8	20825	DOWEL PIN		1		
9	4303107	RETAINER	20510	1		S-1820
10	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
11	20518	CRESCENT RING		1		
12	62516	ROLL PIN	62521	1		
13	62514	ROLL PIN		1		
14	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
15	X-14-700	STEEL BALL		1	7/16"	
17	20225	-O- RING		1		
18	4305713	SUCTION TUBE	4304628	1	O-RING INCLUDED ON SUCTION TUBE	K-3367
19	20508	DRIVE SHAFT		1		
20	20509	KEY		2		
21	14853	SNAP RING		2		
22	20511	DRIVE GEAR		1		
23	4306584	CLUTCH HOUSING GASKET	4304815,4305668	1		K-2199
24	S-1820	CASE ASSY	4300445	1	FOR USE W/INTEGRAL PUMP	
25	14373	MAGNET		3		S-1820,S-1888
26	20507	ELEMENT		1		
27	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A -	1		

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
999	K-3367	OIL PUMP KIT	7173 4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		



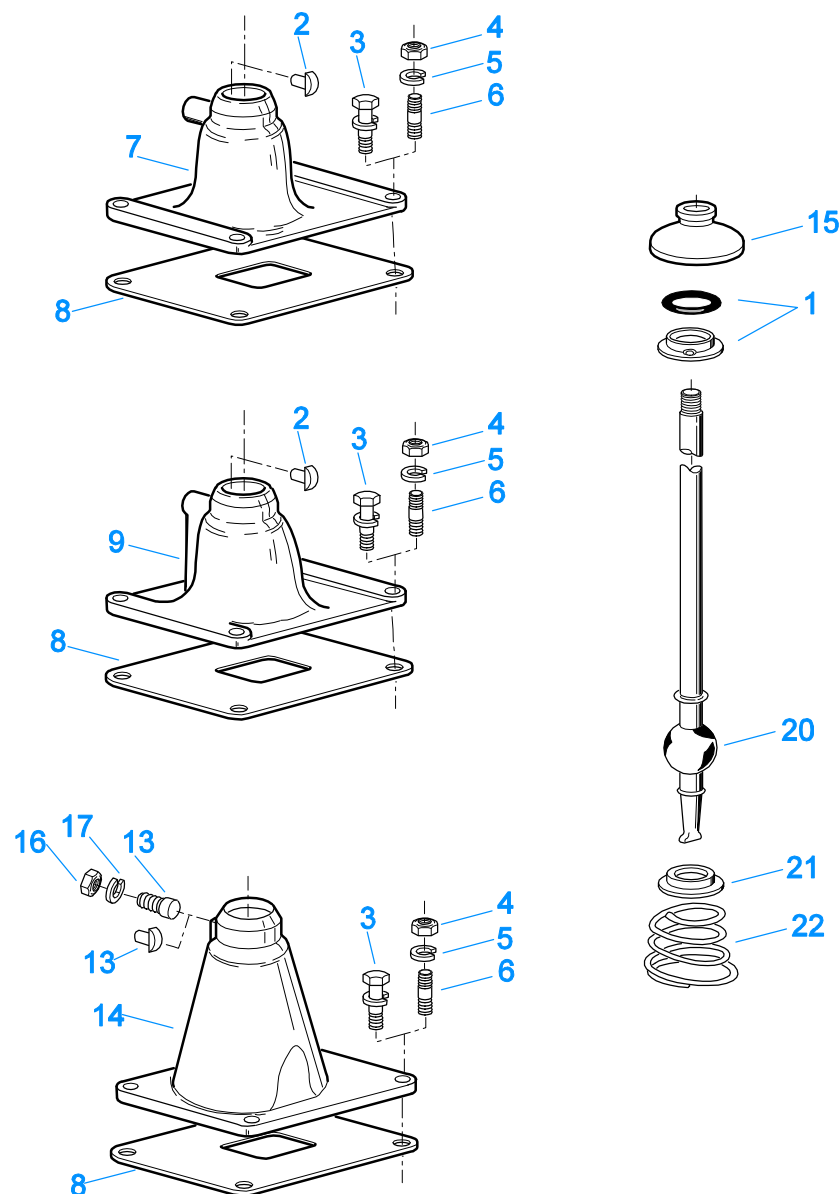
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ISOLATORS

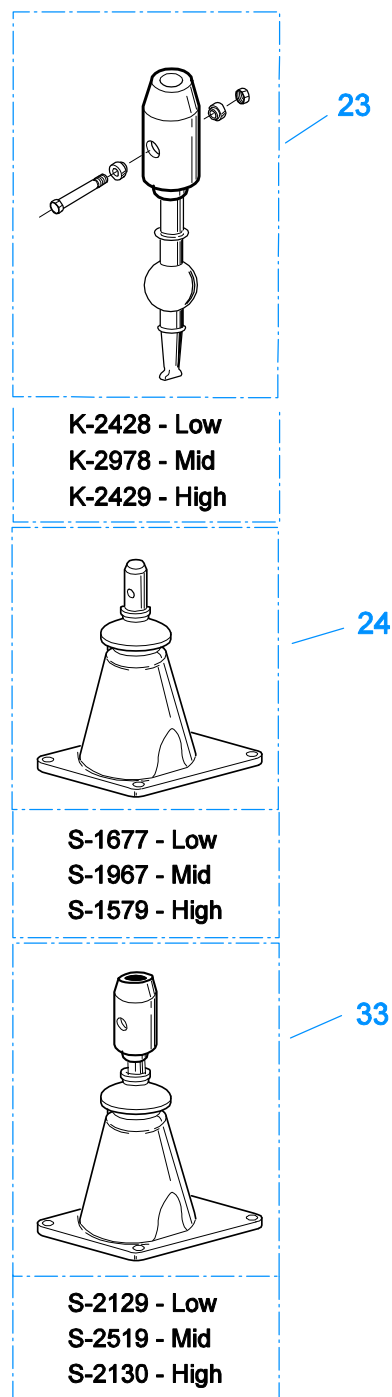
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	19124	-E- RING		2		
2	K-3467	PIN REPLACEMENT KIT	21245	1		
3	21246	BUSHING		2		K-2003,K-2428,K-2429,K-2978,K-3399,S-2129,S-2130,S-2519
4	S-1794	ISOLATOR ASSY		1		
6	21247	LEVER		1	STRAIGHT 18.67"	
7	21235	STUB LEVER		1	LOW TOWER	K-2428,S-1677
7	21236	STUB LEVER		1	HIGH TOWER	K-2429,S-1579,S-2130
7	4301168	STUB LEVER		1	MID TOWER	K-2978
9	21767	90 DEG LEVER		1	STRAIGHT 33"	
10	K-3399	ISOLATOR BUSHING KIT	21244 ,23311	1		
11	X-8-560	SCREW		1		
12	X-9-503	NUT		1		

KITS & ASSEMBLIES

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
K-1431		RANGE CYL-KIT		1		
K-1450		-O- RING KIT-RANGE		1		
K-1698		-O- RING/ELEMENT KIT		1	FOR FILTER REGULATOR	
K-1935		REPAIR KIT-SLAVE VALVE		1	FOR A-5000 VALVE	
K-1956		COOLER INSTLN KIT		1		
K-2002		-O- RING KIT		1		K-2338,K-2993,K-2996
K-2003		PIN & BUSHING KIT		1		
K-2072		MASTER VALVE REPAIR KIT		1	FOR A-5013 VALVE	
K-2078		-O- RING KIT - SPLITTER		1	SPLITTER	
K-2199		GASKET KIT		1		K-2993,K-2996
K-2262		OIL SEAL W/SLINGER	19109 20807 20808	1	"FOR MECHANICAL COVER"	K-2338,K-2993,K-2996
K-2338		BASIC OVERHAUL KIT		1	FOR AUXILIARY SECTION	
K-2394		AIR SYSTEMS TOOL KIT		1		
K-2433		SMALL PARTS KIT		1		
K-2468		CLUTCH INSTALLATION KIT		1	FOR USE WITH S-1659 INPUT SHAFT ASSY AND 81504 INPUT SHAFT BEARING	
K-2977		SHIFT LEVER HSG KIT	4301167 ,4304907 ,A - 6040	1	MID TOWER	
K-2978		LEVER REPLACEMENT KIT		1	MID TOWER	
K-2993		BASIC OVERHAUL KIT		1		
K-2996		BASIC REBUILD KIT		1		
K-3189		REPLT KIT-DRIVE GEAR	4300467 ,4303558 ,K - 2312	1		
K-3191		MASTER VALVE REPAIR KIT		1	FOR A-6918 VALVE	
K-3196		MASTER VALVE REPAIR KIT		1	FOR A-7318 VALVE	
K-3209		IDLER SHAFT REPL KIT	16405 ,4302981 ,4305513	1		
K-3333		SPLITTER VLV REPL KIT	A - 6861	1		
K-3367		OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
K-3399		ISOLATOR BUSHING KIT	21244 ,23311	1		
K-3467		PIN REPLACEMENT KIT	21245	1		
K-3492		SYNCHRONIZER KIT	K - 2446	1		
K-3494		SYNCHRONIZER REPLACEMENT KIT	K - 2448	1	SLIDING CLUTCH INCLUDED IN KIT	
K-4125		CLUTCH INSTALLATION KIT (RT), HYDRAULIC RELEASE		1	STANDARD RT INPUT SHAFT AND YOKE FOR HYDRAULIC CLUTCH RELEASE	
S-1219		YOKE ASSY LOW-REV		1		
S-1404		OIL FILTER	17238	1		
S-1516		CAP ASSY	20851 ,20853	1		
S-1529		SHIFT BAR HSG ASSY (F)	20213 ,22956	1	COMPLETE	
S-1531		SHIFT BAR HSG ASSY (STD)	20211 ,22955	1	COMPLETE	
S-1659		INPUT SHAFT	20535 23566 4302661	1	2" PULL - USE W/FBC 20550	K-2468,K-2993,K-4125
S-1660		INPUT SHAFT	23567	1	2" PUSH	
S-1820		CASE ASSY	4300445	1	FOR USE W/INTEGRAL PUMP	
S-1888		CASE ASSY	4300590	1		
S-1892		RANGE SECTION ASSY		1		
S-2119		REAR BRG COVER ASSY	20048 ,22045 ,4302009 ,4302031 ,S - 1558 S - 1560	1	EXTENDED	
S-2129		SHIFT LEVER HSG ASSY		1	LOW TOWER	
S-2130		SHIFT LEVER HSG ASSY	S - 2053	1	HIGH TOWER	
S-2519		SHIFT LEVER HSG ASSY	S - 2919	1	MID TOWER	
S-2660		MAINSHAFT ASSY	21594 ,4303714 ,S - 1561	1		



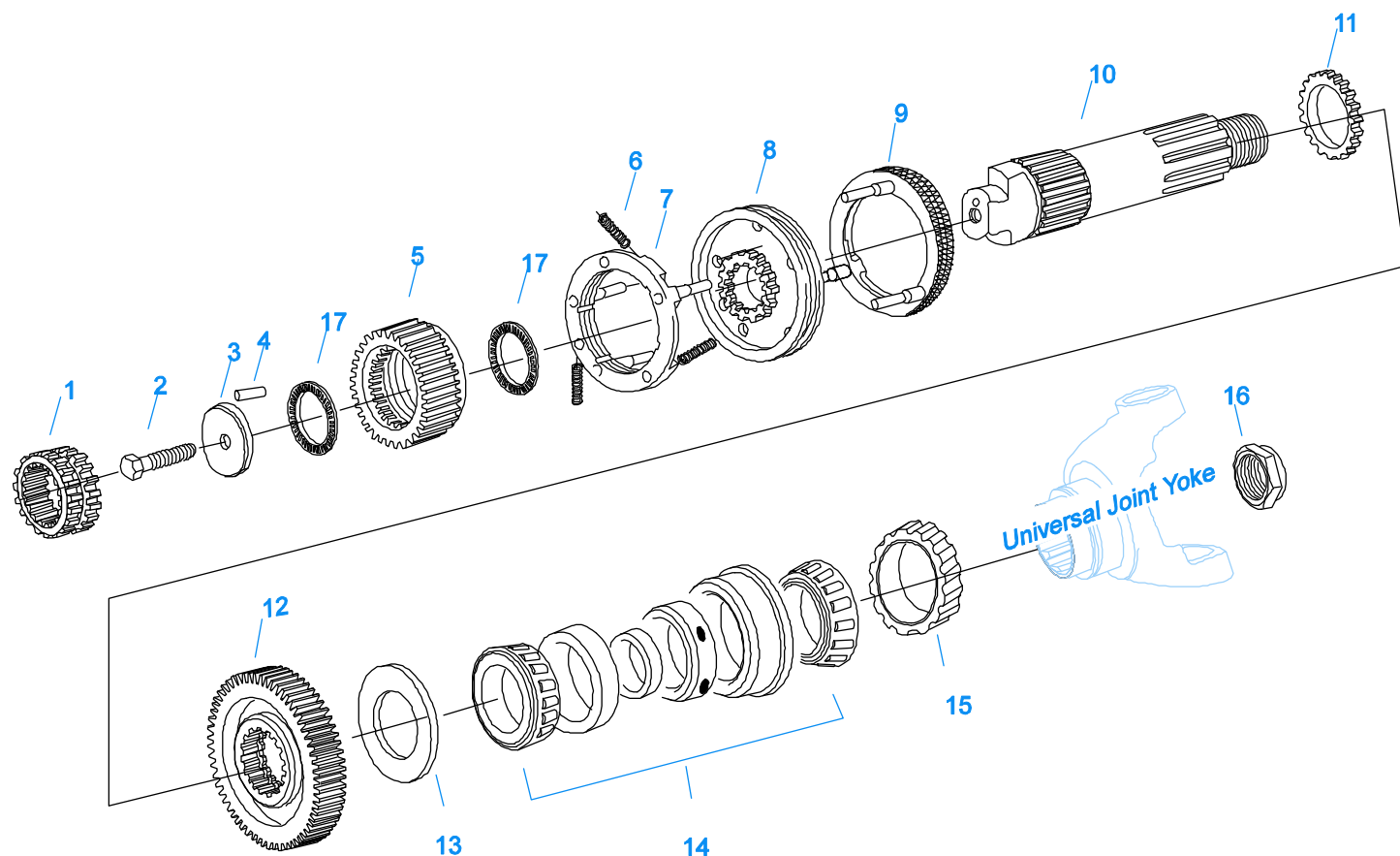
10207-9-95



LEVERS/HOUSINGS

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	K-3376	O-RING & WASHER KIT	4301211	1		
2	18299	PIN		1		
3	X-8C-604	CAPSCREW		4	3/8"-16X1-1/4"	K-1476,K-2977,S-1677 S-1529,S-1531
4	X-1-600	NUT		4	3/8"-24-N.F.PLAIN	
5	X-3-600	LOCKWASHER		4	3/8"	
6	11934	STUD	7467	4		
7	K-1476	SHIFT LEVER HSG	4530 ,17163 ,18298 ,4304905 ,A - 4437	1	LOW TOWER	
8	4305294	GASKET	4303431	1		K-1476,K-2199,K- 2428,K-2429,K- 2973,K-2977,K-2978,S-

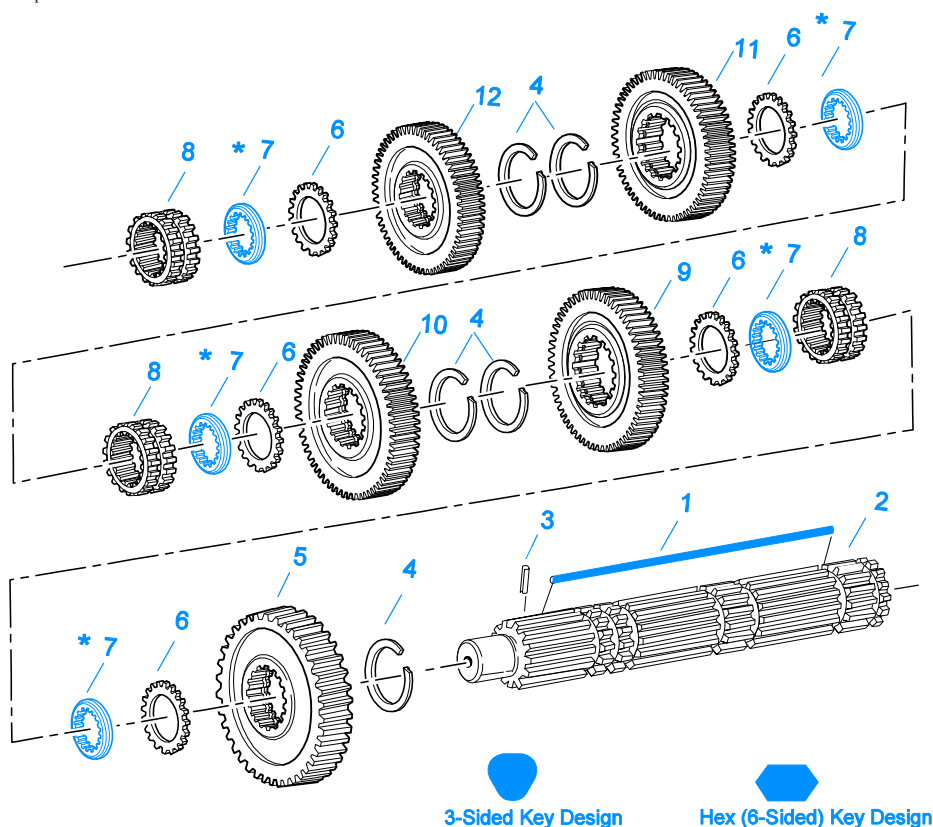
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
						1529,S-1531,S-1579,S-1677,S-1967,S-2129,S-2130,S-2519
9	K-2977	SHIFT LEVER HSG KIT	4301167 ,4304907 ,A - 6040	1	MID TOWER	
13	4303030	PIN		1		K-2973,S-1579,S-2130
13	6541	PIN		1	3/8" - USED W/17167 ONLY	
14	K-2973	SHIFT LEVER HSG KIT	17166 ,17167 ,4303050 ,4304910 ,K - 1630 K - 1941	1	HIGH TOWER	
15	10427	BOOT		1		K-1476,K-2973,K-2977,S-1579,S-1677,S-2130
16	X-1-600	NUT		1	3/8"-24-N.F.PLAIN	
17	X-3-600	LOCKWASHER		1	3/8"	
20	17600	GEAR SHIFT LEVER		1	STRAIGHT - LOW 21-1/2"	
20	18482	GEAR SHIFT LEVER		1	STRAIGHT - HIGH 35"	
21	2538	RETAINER		1		K-1476,K-2973,K-2977,S-1579,S-1677,S-2130
22	2536	SPRING		1		K-1476,K-2973,K-2977,S-1579,S-1677,S-2130
23	K-2428	LEVER REPLACEMENT KIT		1	LOW TOWER	
23	K-2429	LEVER REPLACEMENT KIT		1	HIGH TOWER	
23	K-2978	LEVER REPLACEMENT KIT		1	MID TOWER	
24	S-1579	SHIFT TOWER ASSY		1	HIGH TOWER	
24	S-1677	SHIFT TOWER ASSY		1	LOW TOWER	
24	S-1967	SHIFT TOWER ASSY		1	MID TOWER	
33	S-2129	SHIFT LEVER HSG ASSY		1	LOW TOWER	
33	S-2130	SHIFT LEVER HSG ASSY	S - 2053	1	HIGH TOWER	
33	S-2519	SHIFT LEVER HSG ASSY	S - 2919	1	MID TOWER	



10422-4/92 Aux MS 13/18spd

MAINSHAFT & SYNCHRO(AUX)

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	21930	SLIDING CLUTCH		1		
2	X-7-1005	CAPSCREW		1	5/8"-18X1-3/4"	
3	K-2617	RETAINER REPL KIT	21606	1		
4	62511	ROLL PIN		1		A-6689,K-2433
5	21931	SPLITTER GEAR-		1		K-2616,K-2617
6	14897	MAINSHAFT SPRING		3		K-2338,K-2433,K-2993,K-2996,K-3492,K-3494
7	A-7331	SYNCHRONIZER ASSY	4304396 4304397 A - 5917	1	HI RANGE	K-3494
8	20323	SLIDING CLUTCH		1		K-3492,K-3494
9	A-7254	SYNCHRONIZER ASSEMBLY	A - 4937 A - 5876	1	LO RANGE	
10	K-2616	MAINSHAFT REPL KIT	21604	1		
11	19203	SPACER		1		K-2433
12	21918	REDUCTION GEAR		1		K-2433
13	16772	WASHER		1		K-2338,K-2993,K-2996
14	15260	BEARING		1		
15	20191	ROTOR	16295	1		S-1892
16	22254	NUT	11956	1		K-2616,K-2617,K-2993,K-2996
17	4302058	BEARING		2		



10321-12-93

* Updating to 3-Sided Key is Recommended.

When Updating to 3-Sided Key Replace all Washers to Match Key Design

Always Use Matching Key and Washer Sets (See Appendix - Mainshaft Washers)

MAINSHAFT ASSY

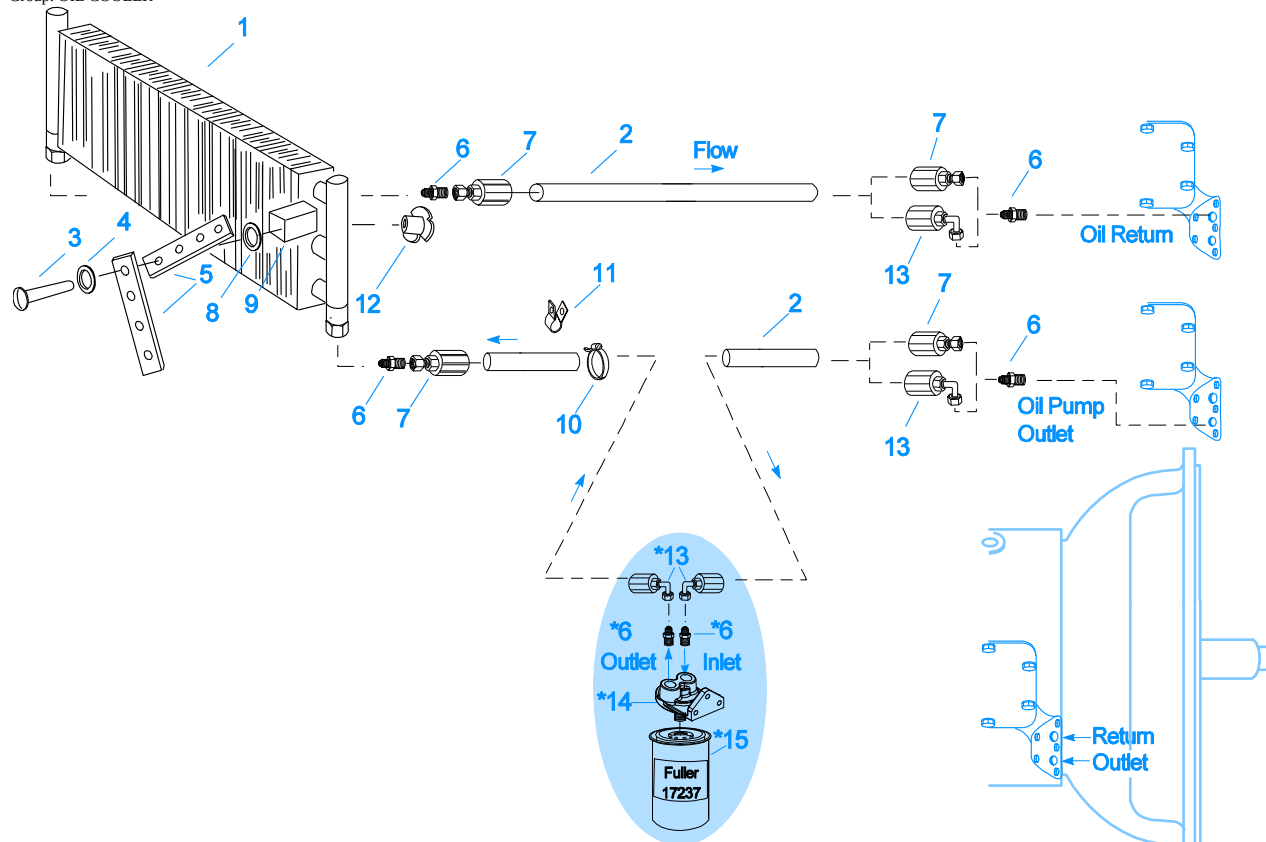
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	4304614	3-SIDED KEY	4300890	1		K-2366,K-2433
1	K-2366	KEY & WASHER KIT	21326 ,4300763 ,4304614	1	CONTAINS 3-SIDED KEY	
2	S-2660	MAINSHAFT ASSY	21594 ,4303714 ,S - 1561	1		
3	62504	ROLL PIN		1		S-2660
4	14750	SNAP RING		5		K-2433,K-2468,K-2993,K-2996,K-4125
5	16756	REVERSE GEAR-MAINSHAFT	22408	1		
6	14749	SPACER		5		K-2433
7	14711	WASHER .248-.250 WHITE	18701	5	OPTIONAL 14711-14716 USE ANY 5 WASHERS USE WITH 21326 KEY OPTIONAL 14711-14716 USE ANY 5 WASHERS USE WITH 21326 KEY OPTIONAL 14711-14716 USE ANY 5 WASHERS USE WITH 21326 KEY OPTIONAL 14711-14716 USE ANY 5 WASHERS USE WITH 21326 KEY OPTIONAL 14711-14716 USE ANY 5 WASHERS USE WITH 21326 KEY OPTIONAL 14711-14716 USE ANY 5 WASHERS USE WITH 21326 KEY OPTIONAL 14711-14716 USE ANY 5 WASHERS USE WITH 21326 KEY	
7	14712	WASHER .253-.255 GREEN	18702	5		
7	14713	WASHER .258-.260 ORANGE	18703	5		
7	14714	WASHER .263-.265 PURPLE	18704	5		
7	14715	WASHER .268-.270 YELLOW	18705	5		
7	14716	WASHER .273-.275 BLACK	18706	5		
7	4300382	WASHER .249-WHITE		5		K-2366,K-2433
7	4300383	WASHER .254-GREEN		5		K-2366,K-2433
					OPTIONAL 4300382-4300387 OR 4300830 USE ANY 5 WASHERS. USE	

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
7	4300384	WASHER .259-ORANGE		5	WITH 3-SIDED KEY OPTIONAL 4300382-4300387 OR 4300830 USE ANY 5 WASHERS. USE	K-2366,K-2433
7	4300385	WASHER .264-PURPLE		5	WITH 3-SIDED KEY OPTIONAL 4300382-4300387 OR 4300830 USE ANY 5 WASHERS. USE	
7	4300386	WASHER .269-YELLOW		5	WITH 3-SIDED KEY OPTIONAL 4300382-4300387 OR 4300830 USE ANY 5 WASHERS. USE	
7	4300387	WASHER .274-BLACK		5	WITH 3-SIDED KEY OPTIONAL 4300382-4300387 OR 4300830 USE ANY 5 WASHERS. USE	
7	4300830	WASHER .244-BLUE		5		K-2366,K-2433
8	16118	SLIDING CLUTCH		3		K-2993
9	4300654	LO GEAR-MAINSHAFT	21593	1		
10	21591	1ST GEAR-MAINSHAFT		1		
11	21589	2ND GEAR-MAINSHAFT		1		
12	21587	3RD GEAR-MAINSHAFT		1		

MISCELLANEOUS

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
21628		SHIFT DIAGRAM LABEL	4300591	1		
71203		SILICONE LUBE		1	8 OZ (236.59 CC)-FLEET SIZE	
71204		ADHESIVE SEALANT		1	0.5 CC (SINGLE APPLICATION SIZE)	
71205		SEALANT		1	2 CC (SINGLE APPLICATION SIZE)	K-2993
71206		SILICONE LUBE		1	4 CC (SINGLE APPLICATION SIZE)	K-1431,K-1450,K-2002,K-2078,K-2428,K-2429,K-2978,K-3333

Group: OIL COOLER



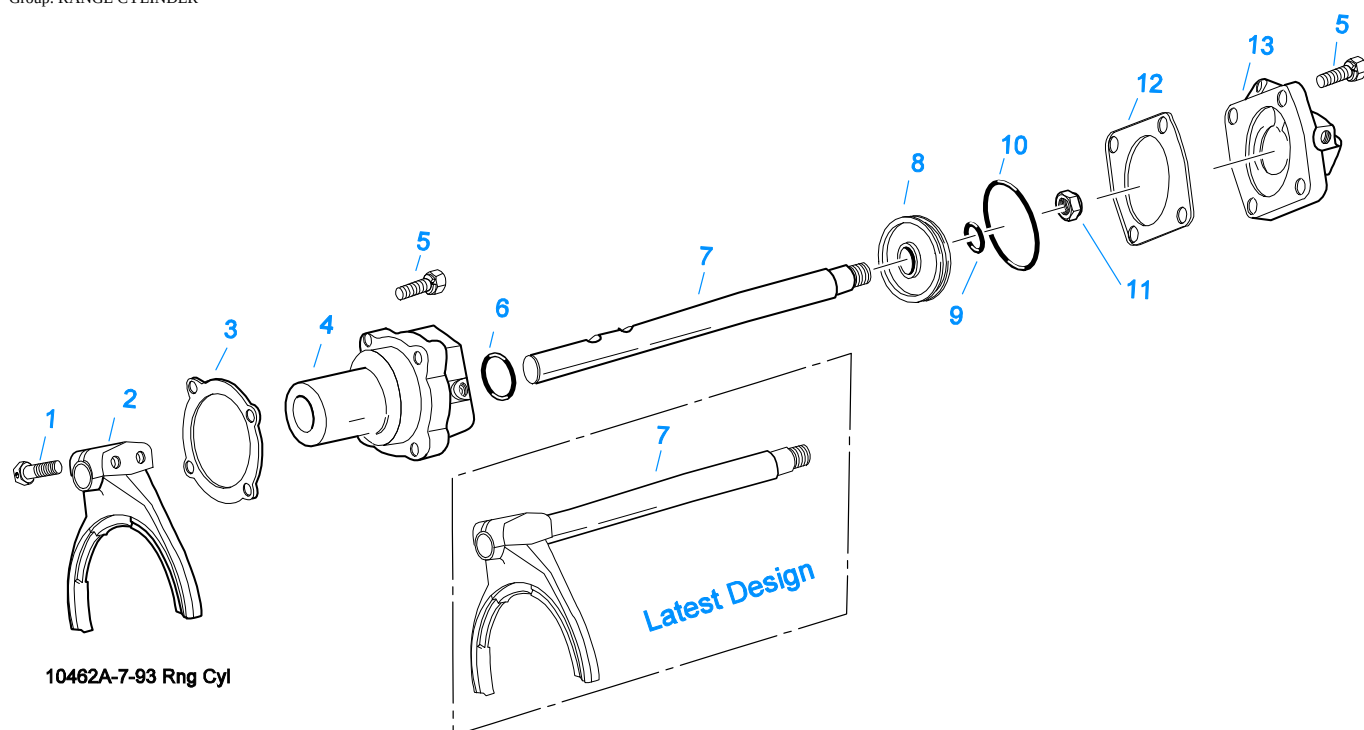
10525-4/92 Cooler

*Adding Oil Filter and parts as shown is optional.

Return / Outlet Location

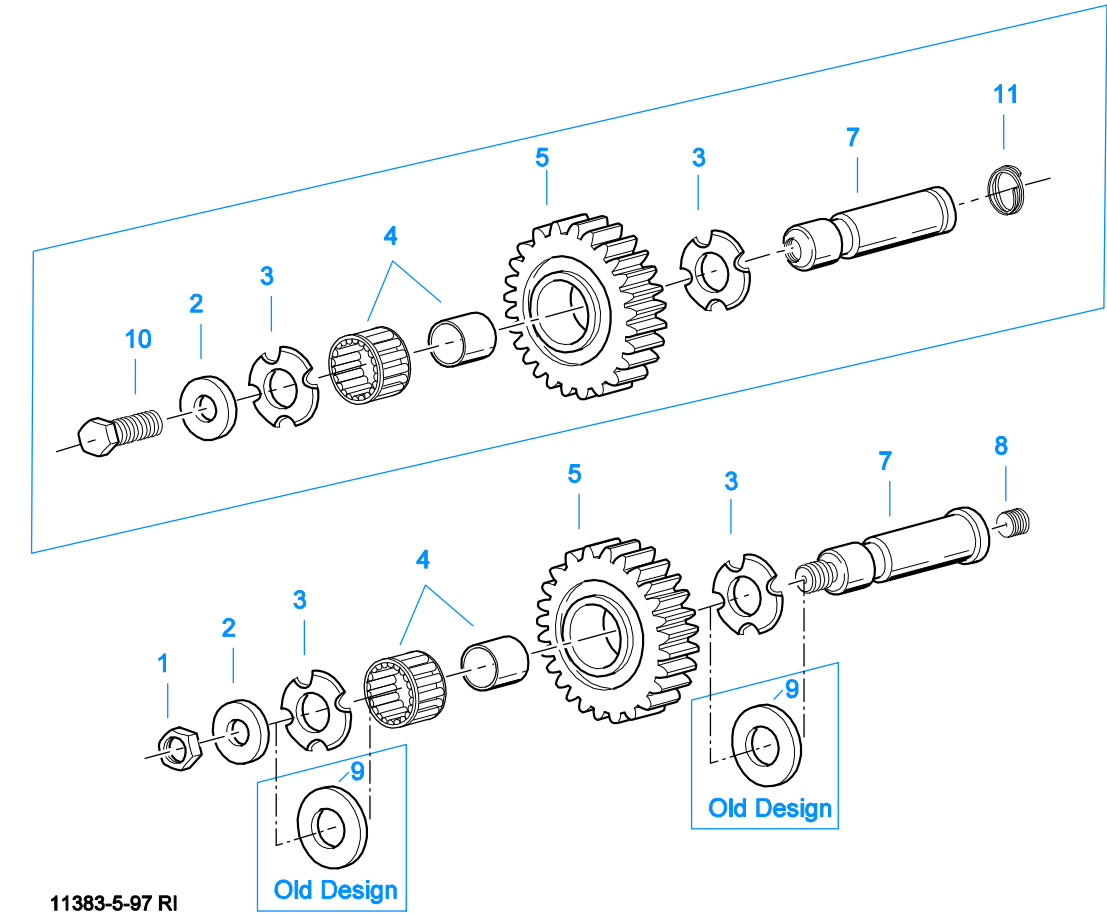
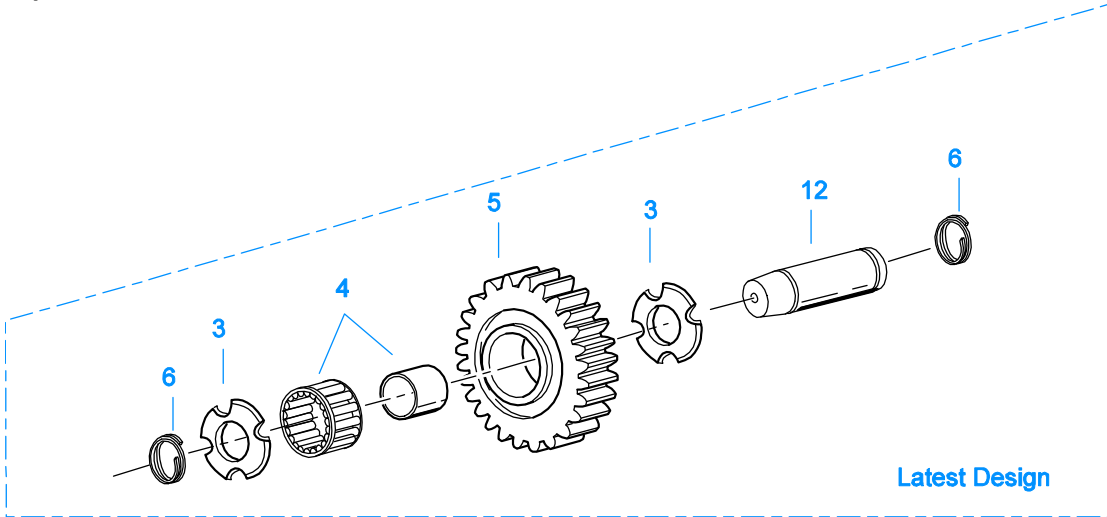
OIL COOLER

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	18025	OIL COOLER		1		K-1956
2	19424	HOSE		1	25 FEET	K-1956
3	X-8-535	CAPSCREW		2	5/16"-16X2-1/2"	
4	X-3-506	LOCKWASHER		2	5/16"	
5	18211	BRACKET		4		K-1956
6	19419	CONNECTOR		6		K-1956,S-1404
7	19415	SWIVEL		4		K-1956
8	X-10-501	WASHER		2	5/16"	
9	18209	PLUG-RUBBER MOUNT		2		K-1956
10	17190	STRAP		8		K-1956
11	19423	CLAMP		5		K-1956
12	18210	NUT		2		K-1956
13	19422	ELBOW		4		K-1956
14	S-1404	OIL FILTER	17238	1		
15	17237	FILTER ELEMENT		1		S-1404



RANGE CYLINDER

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	X-7-809	BOLT	X 7 810 ,X 7 811	2	1/2"-20X1-3/4"	
2	22823	SHIFT YOKE	16775	1		
3	14347	GASKET		1		K-1431,K-2199
4	16778	AUXILIARY CYLINDER		1		K-1431
5	X-8L-604	CAPSCREW		8	3/8"-16X1-1/4"	
6	14765	-O- RING		1		K-1431,K-1450,K-2002
7	4300183	YOKE BAR		1		
7	A-6163	WELDED YOKE ASSY		1		
8	14341	PISTON	23353	1		K-1431
9	14345	-O- RING		1		K-1431,K-1450,K-2002
10	14344	-O- RING		1		K-1431,K-1450,K-2002
11	X-1-1010	NUT		1	5/8"-18	
12	14349	GASKET		1		K-1431,K-1450,K-2002,K-2199
13	19690	CYLINDER COVER		1		

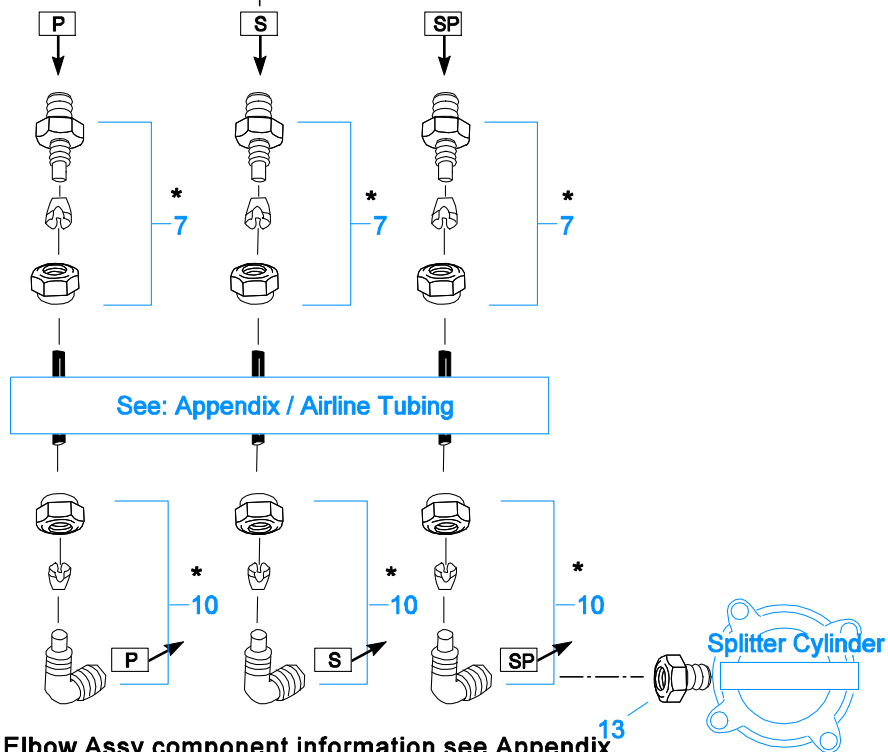
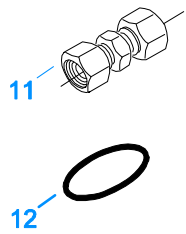
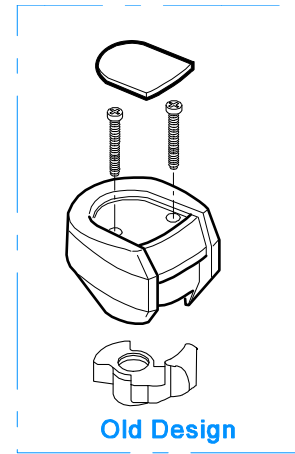
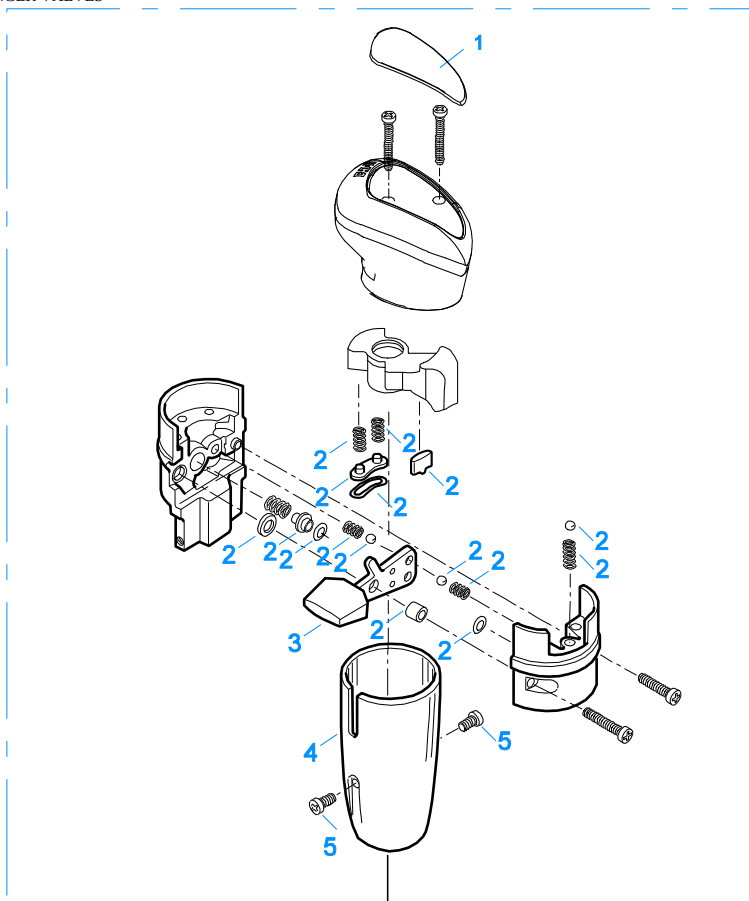


11383-5-97 RI

REVERSE IDLER

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	X-1-1008	NUT		2	5/8"-18	
2	14283	WASHER		2		
3	4302982	WASHER	14282	4		K-3209,S-1820,S-1888
4	14287	BEARING	4305020	2		K-2993,K-2996
5	16757	REVERSE IDLER GEAR	22409	2		
6	4303336	RETAINING RING		4		K-3209
7	K-3209	IDLER SHAFT REPL KIT	16405 ,4302981 ,4305513	2		
8	5202	PLUG		2		

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
9	14282	NO LONGER AVAILABLE		4		
10	X-7-1008	CAPSCREW		2	5/8"-18X1-1/4	
11	4303336	RETAINING RING		2		K-3209
12	4305513	IDLER SHAFT		2		K-3209

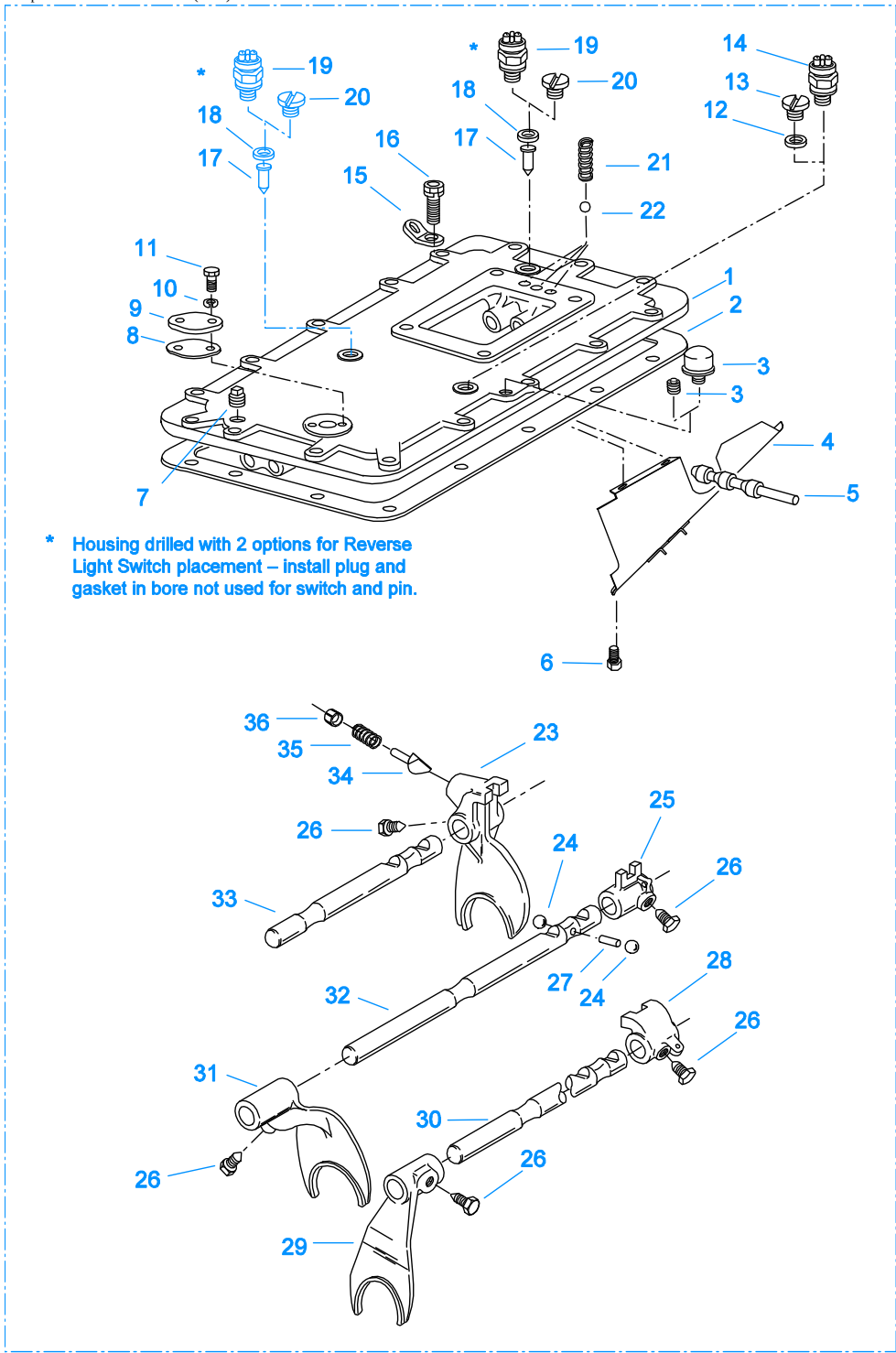


10103-6/92 RRV - 3

*For Connector and Elbow Assy component information see Appendix.

ROADRANGER VALVES

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	20107	MEDALLION, LOGO		1	(OLD DESIGN) FULLER LOGO ONLY	
1	21691	LOGO MEDALLION	4302349, 4300370	1	(OLD DESGIN) FULLER LOGO (LEFT OF DRIVER)	
1	5586100	MEDALLION, LOGO		1	(LATEST DESIGN) FULLER LOGO ONLY	A-6918,A-7318
1	5586114	SHIFT DIAGRAM MEDALLION		1	RTLO	S-2555
2	K-2072	MASTER VALVE REPAIR KIT		1	FOR A-5013 VALVE	
2	K-2073	MASTER VALVE REPAIR KIT		1	FOR A-5318 VALVE	
2	K-3191	MASTER VALVE REPAIR KIT		1	FOR A-6918 VALVE	
2	K-3196	MASTER VALVE REPAIR KIT		1	FOR A-7318 VALVE	
3	20495	LEVER		1		A-6918,A-7318
4	20112	COVER		1		A-6918,A-7318
5	X-8-213	SCREW	X 8 202	2	8-32X3/8"	
6	X-9-802	NUT		1	1/2"-13	
7	84001	CONNECTOR ASSY	82501	3	1/8" TUBE-1/16" NPTF	
7	84003	CONNECTOR ASSY	82503	3	5/32" TUBE-1/16" NPTF	K-2993
7	84005	CONNECTOR ASSY		3	"PUSH-TO-CONNECT" 5/32" TUBE-1/16" NPTF	
10	85001	ELBOW ASSY	84501	3	5/32" TUBE-1/8" NPTF	K-2338,K-2993
10	85002	ELBOW ASSY	84502	3	1/8" TUBE-1/8" NPTF	
10	85003	ELBOW ASSY		3	"PUSH-TO-CONNECT" 5/32" TUBE-1/8" NPTF	K-3333
11	84101	UNION ASSY		1	1/8" TUBING	
11	84102	UNION ASSY		1	5/32" TUBING	
11	84103	UNION ASSY		1	"PUSH-TO-CONNECT" 5/32" TUBING	
12	13571	-O- RING CLAMP		1		
13	4301233	REDUCER BUSHING	18004	1		
999	A-6918	ROADRANGER VALVE ASSY	A - 5013	1	STANDARD-W/LOGO	
999	A-7318	ROADRANGER VALVE ASSY	A - 5318	1	(LEFT OF DRIVER)-W/LOGO	
999	S-2555	ROADRANGER VALVE ASSY		1	RTLO - W/SHIFT DIAGRAM MEDALLION	



* Housing drilled with 2 options for Reverse Light Switch placement – install plug and gasket in bore not used for switch and pin.

999

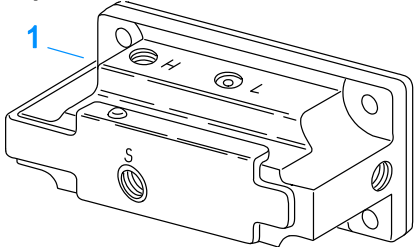
10220-1/92 Standard

SHIFT BAR HOUSING (STD)

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	S-1440	SHIFT BAR HSG (STD)	20211 ,22955	1	HOUSING ONLY	
2	4302676	GASKET	14918	1		K-2199,S-1529,S-1531
3	4304602	BREATHER	23605	1	1/4" NPT	
3	X-12-404	PIPE PLUG		1	1/4" NPT	
4	20070	OIL TROUGH		1		S-1529,S-1531
5	20332	AIR VALVE SHAFT	17177	1		S-1529,S-1531

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
6	X-8-423	CAPSCREW		2	1/4"-20X1/2"	
7	X-12-603	PIPE PLUG	X12 602	1	3/8" NPT	
8	20209	GASKET		1		S-1440,S-1529,S-1531
9	20199	PLATE	18724	1		S-1440,S-1529,S-1531
10	X-3-400	LOCKWASHER		2	1/4"	
11	X-8-406	CAPSCREW		2	1/4"-20X3/4"	
12	17179	GASKET		1		S-1440,S-1529,S-1531
13	4303655	PLUG	17178	1		S-1440,S-1529,S-1531
14	22941	NEUTRAL LIGHT SWITCH	12639	1	SWITCH NORMALLY CLOSED	
15	20815	LIFTING EYE	17105	2		S-1892
16	X-8L-602	CAPSCREW		2	3/8"-16X1-1/2" USE W/20815 LIFTING EYES	
16	X-8L-604	CAPSCREW		16	3/8"-16X1-1/4"- OR USE 14 PCS OF X-8L-604 WITH 2 PCS OF X-8L-602	
17	15899	PIN		1		S-1440,S-1529,S-1531
18	15900	GASKET		1		S-1440,S-1529,S-1531
19	22940	REVERSE LIGHT SWITCH	16830	1	SWITCH NORMALLY OPEN	
20	4303656	PLUG	15917	1		S-1440,S-1529,S-1531
21	15918	SPRING		3		K-2433,K-2993,S-1529,S-1531
22	X-14-800	STEEL BALL		3	1/2"	
23	16131	SHIFT YOKE		1	REVERSE	S-1219,S-1531
24	X-14-1200	STEEL BALL		2	3/4"	
25	14658	SHIFT BLOCK		1	1ST/2ND	S-1531
26	3220	LOCKSCREW		5		S-1529,S-1531
27	1634	INTERLOCK PIN		1		K-2433,S-1529,S-1531
28	14659	SHIFT BLOCK		1	3RD/DIRECT	S-1531
29	16136	SHIFT YOKE		1	3RD/DIRECT	S-1529,S-1531
30	16134	YOKE BAR		1	3RD/DIRECT	S-1531
31	16135	SHIFT YOKE		1	1ST/2ND	S-1529,S-1531
32	16133	YOKE BAR		1	1ST/2ND	S-1531
33	16132	YOKE BAR		1	REVERSE/LOW	S-1531
34	10019	PLUNGER		1		S-1219,S-1529,S-1531
35	6392	SPRING		1		S-1219,S-1529,S-1531
36	8968	PLUG		1		S-1219,S-1529,S-1531
999	S-1531	SHIFT BAR HSG ASSY (STD)	20211 ,22955	1	COMPLETE	

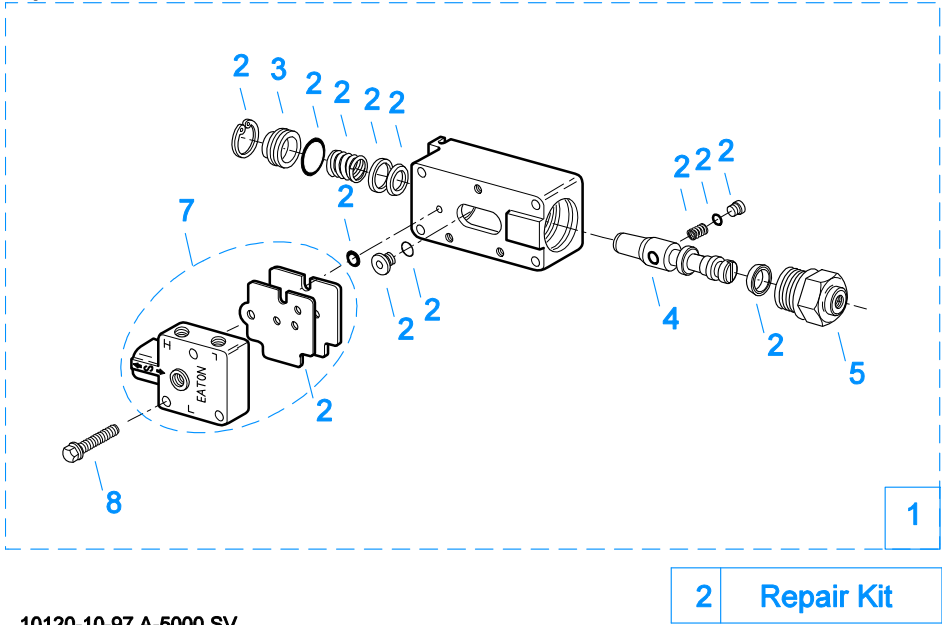
Group: SLAVE VALVE - 19470



10121-1/92 19470 SV

SLAVE VALVE - 19470

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	K-2424	VALVE REPLACEMENT KIT	19470	1		



SLAVE VALVE - A-5000

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	A-5000	SLAVE VALVE ASSY	20850	1		K-2424
2	K-1935	REPAIR KIT-SLAVE VALVE		1	FOR A-5000 VALVE	
3	20855	PLUG		1		A-5000
4	20854	PISTON		1		A-5000
5	20849	CAP	15131	1		A-5000
7	S-1516	CAP ASSY	20851 ,20853	1		
8	X-8C-413	CAPSCREW		3	1/4"-20X1-1/2"	

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