

Roadranger®

Eaton® Fuller® Heavy Duty Transmissions

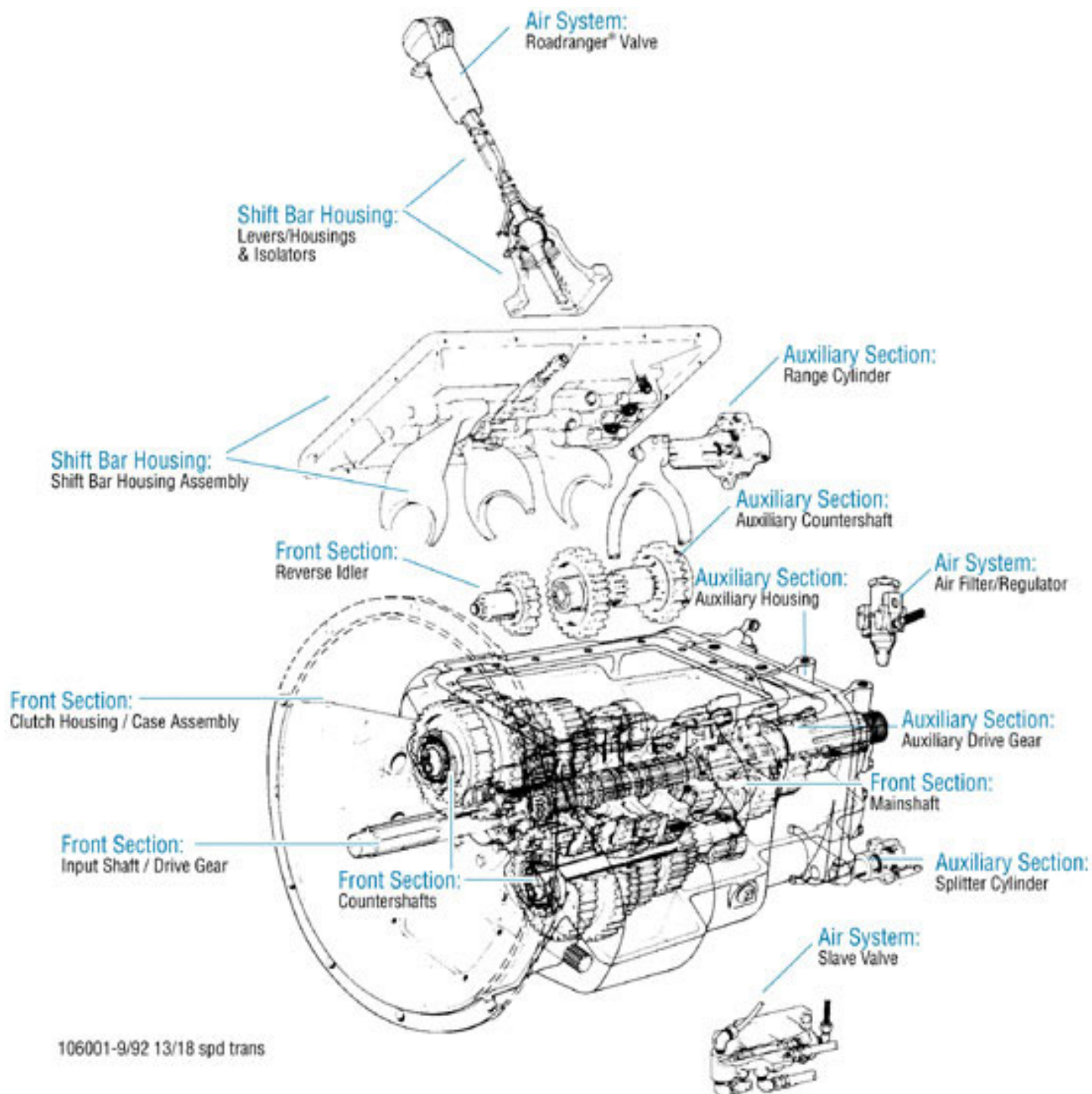


One Great Drivetrain from Two Great Companies

Illustrated Parts List RTLO-20918B Feb 2006



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How To Use The Illustrated Parts List

Using Model Designation or Nomenclature

- This information provides a guideline to assist you in identifying the transmission designation assigned to a transmission model - information vital to identifying and ordering parts.

Kits and Assemblies (K/A's)

- Kits and Assemblies contain groups of individual or assembled parts developed for optimal replacement or repair of a service problem.
- Kits and Assemblies are shown with applicable parts groupings in the parts listings.

Identifying Kits and Assemblies

A- Part numbers beginning with the letter 'A' are pre-assembled Production Assemblies

K- Part numbers beginning with the letter 'K' are kits that are not assembled

S- Part numbers beginning with the letter 'S' are pre-assembled Service Assemblies

- Note: Some Production Assemblies do not begin with a letter prefix (Midrange only).

Illustrations

- Illustrations show parts in assembly groups.
- Item numbers on illustrations correspond with parts listings on pages adjacent to the illustration.
- Notes are included on illustrations where additional information is needed.

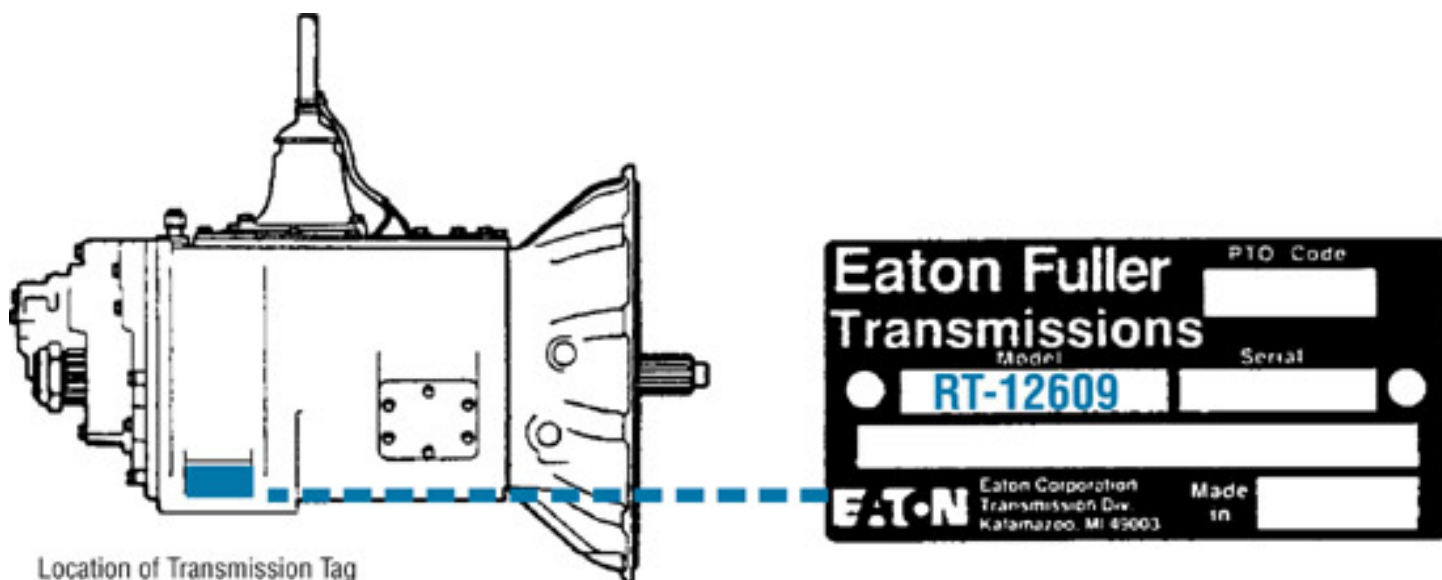
Parts Listing

Parts listings are defined by parts groupings and are broken down by service assemblies. Parts listings identify a part for servicing with the following categories

- **Item Number** - corresponding with numbers on illustrations for part identification.
- **Current Part** - identifies part as it is available for service.
- **Description** - specifies part name or description.
- **Replaced Part** - quantity quantity required for assembly.
- **Quantity** - defines unique characteristics or requirements.
- **Notes** - indicates Kits or Assemblies that contain a particular part.
- **Kits/Assy's Where Used**

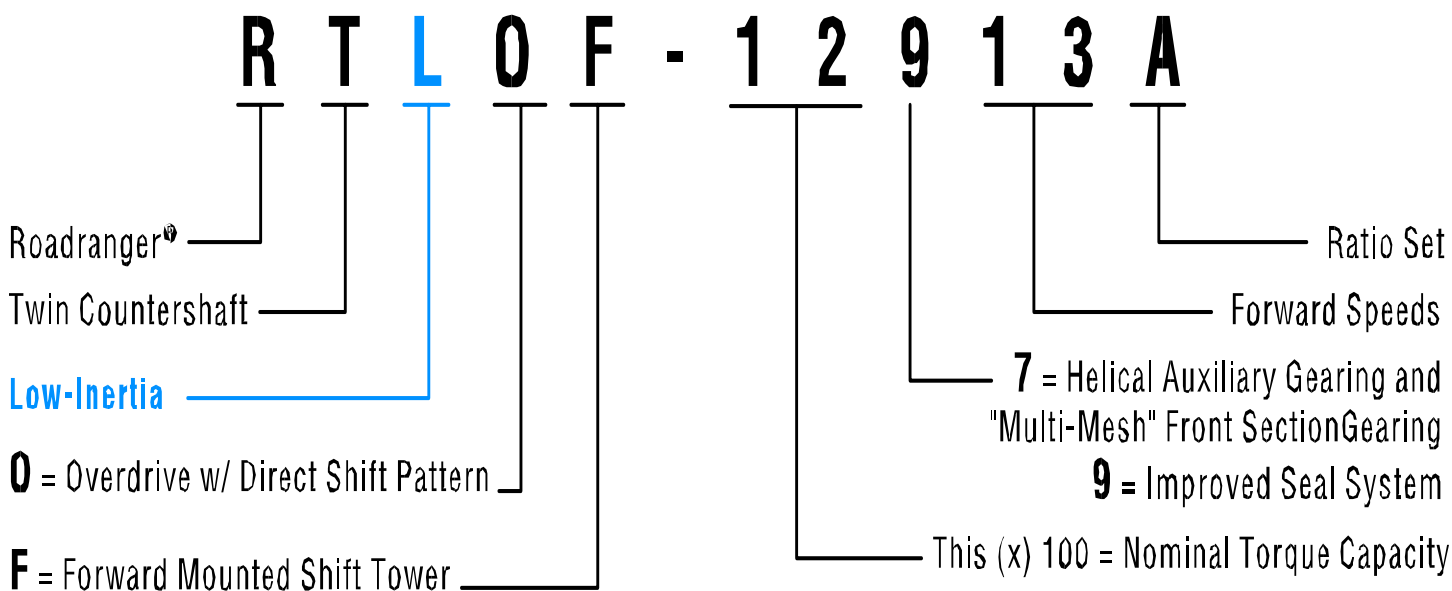
Locating Transmission Tag and Identifying Model Designation

Transmission model designation, and other transmission information, are stamped on the transmission tag. To identify the transmission model designation (nomenclature), locate the tag on the transmission and then locate the model designation number as shown.



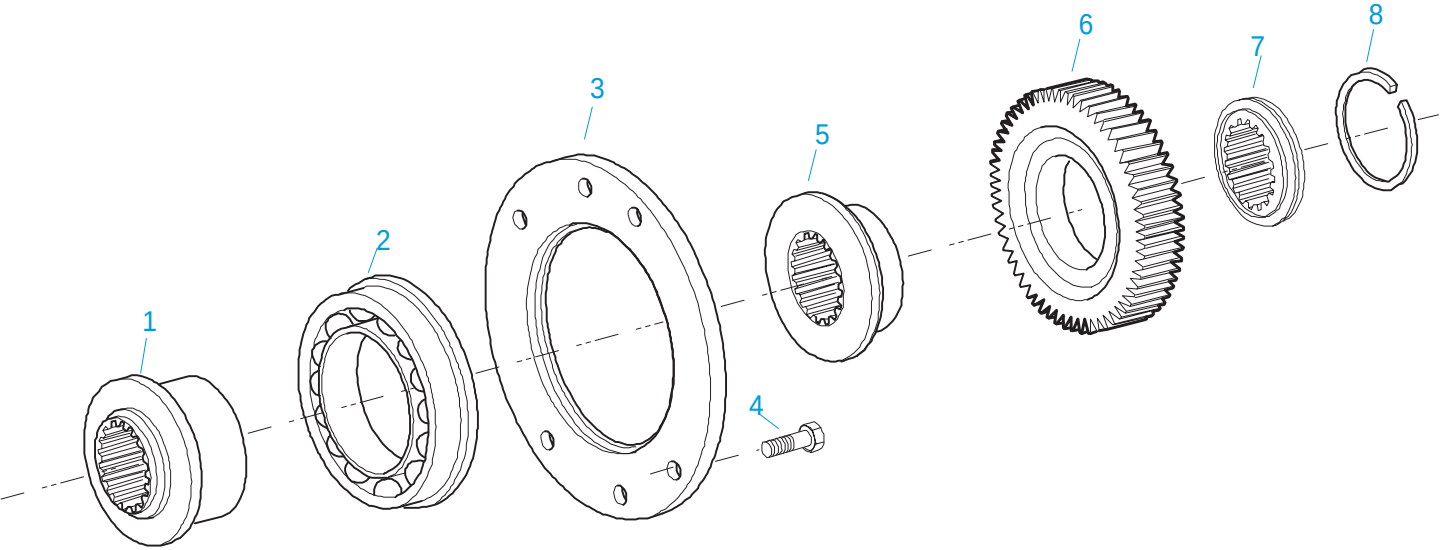
Using Model Designation or Nomenclature

The model designation or nomenclature assigned to a transmission model provides information concerning transmission torque capacity, forward speeds, ratio set, shift bar housing and other provisions and options. Use the following guidelines to identify your transmission model designation. This information is useful when ordering parts.



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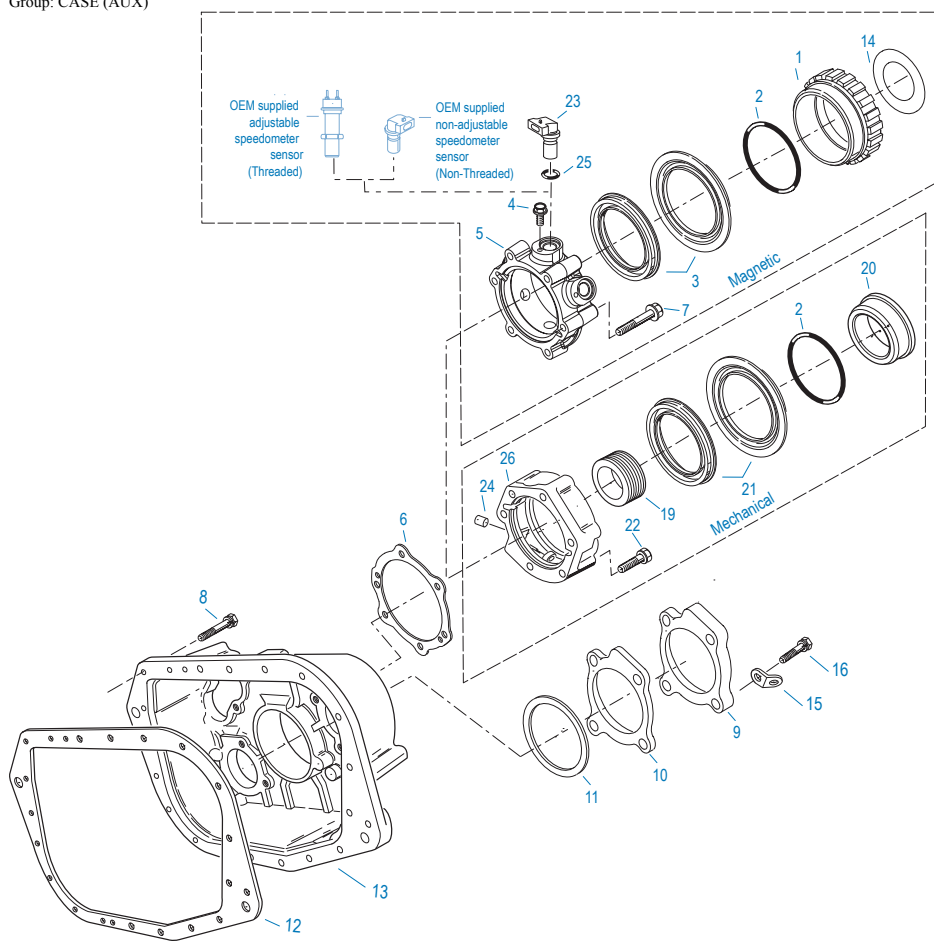


10484-6/93 Aux DG 713/18

AUXILIARY DRIVE GEAR

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	4304499	SPACER		1		
2	5566510	BEARING		1		K-3459 ,K-3460 ,K-3750
3	4304497	RETAINER		1		
4	X-8-680	CAPSCREW		6	3/8"-16X1-1/2"	
5	4304500	SPACER		1		
6	4304084	AUXILIARY DRIVE GEAR		1		
7	4303185	WASHER	4300901	1		
8	4301254	SNAP RING		1		K-3327 ,K-3459 ,K-3460 ,K-3750

Group: CASE (AUX)



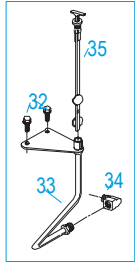
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CASE (AUX)

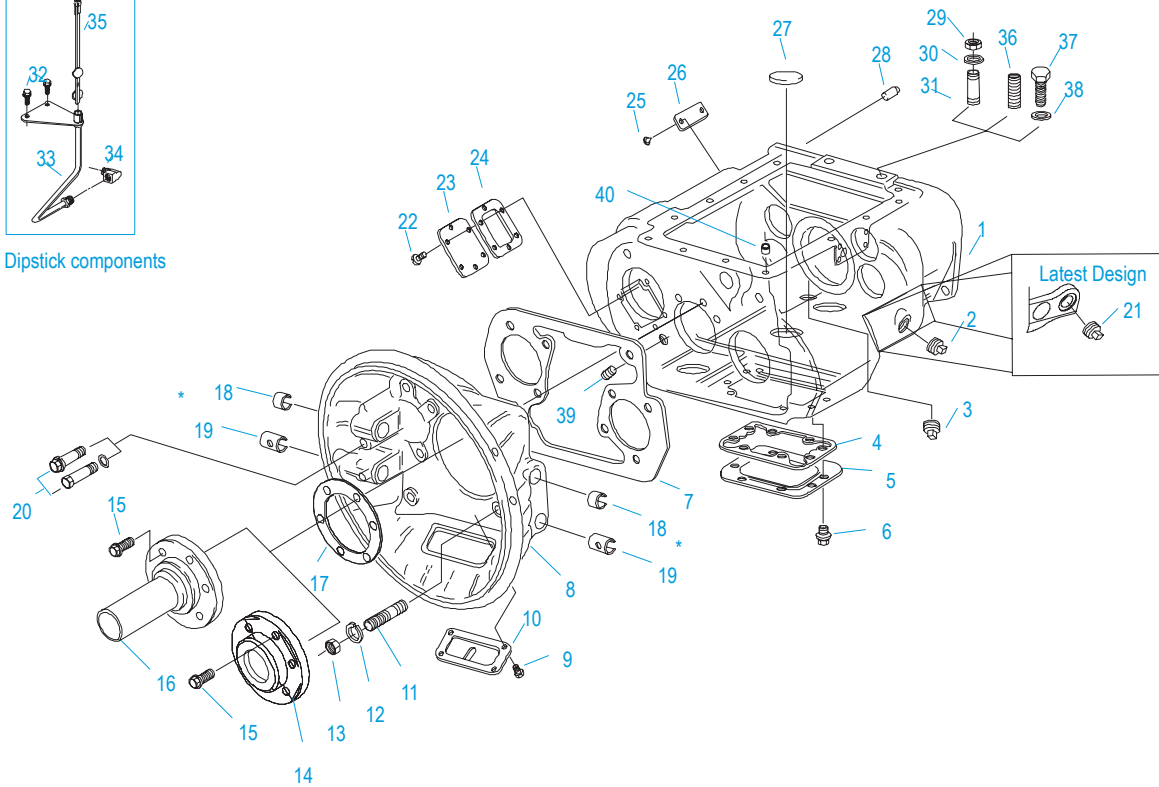
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	S-2501	SPEEDO ROTOR ASSY	4302242	1	MAGNETIC	
2	5568511	-O- RING		1		K-2918 ,S-2501 ,S-2503 ,S-2763 ,S-2809
3	K-2918	OIL SEAL KIT	4302322 4302323	1	MAGNETIC SPEEDO	K-3339 ,K-3340 ,K-3751
4	X-8-0801M	CAPSCREW		2	M8 X 1.25 X 12MM	S-2809
5	S-2809	REAR BEARING COVER ASSY	4302332 ,4303872 ,4304652 ,4305830	1	PUSH-IN/THREAD-IN MAGNETIC PICK-UP	
6	4302247	GASKET		1	NON EDGE MOLDED GASKET - UNCOMPRESSED THICKNESS - .013 - .018 - NOT INTERCHANGABLE WITH ANY OTHER GASKET	K-2262 ,K-2918 ,K-3288
6	1009551	GASKET - RED EDGE MOLDED		1	RED EDGE MOLDED GASKET - UNCOMPRESSED THICKNESS .043 - .051 - NOT INTERCHANGABLE WITH ANY OTHER GASKET	K-2262 ,K-2918 ,K-3288 ,S-2502 ,S-2809 S-2859
7	X-8L-614	CAPSCREW		6	3/8"-16X2" USE W/4303872 RBC	
7	X-8L-611	CAPSCREW		4	3/8"-16X3-1/4"	S-2809
7	X-8L-614	CAPSCREW		2	3/8"-16X2"	
8	X-8L-602	CAPSCREW		17	3/8"-16X1-1/2"	
8	X-8L-614	CAPSCREW		2	3/8"-16X2"	
9	4302320	COVER	21346	2		S-2763
10	4305978	GASKET	4302246	2		K-3288 ,S-2763
11	K-2805	SHIM KIT	21452 K - 2106	1		K-3339 ,K-3340 ,K-3751 ,S-2763
12	14335	GASKET		1		K-3288 ,S-2763
13	4303586	REAR HOUSING		1		
14	4304653	SLINGER		1		S-2809
15	20815	LIFTING EYE	17105	2		S-2763
16	X-8L-604	CAPSCREW		8	3/8"-16X1-1/4"	S-2763

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
19	86104	SPEEDO DRIVE GEAR		1		
20	S-2503	SPEEDO SPACER ASSY	4302590	1	MECHANICAL	
21	K-2262	OIL SEAL W/SLINGER	19109 ,20807 ,20808	1	MECHANICAL SPEEDO	
22	X-8L-616	CAPSCREW	X 8 616	6	3/8"-16X2-3/4"	
23	K-3454	SPEED SENSOR KIT	A - 6398 ,A - 6724	1	SINGLE PICK-UP (2 PIN)	
23	K-3455	SPEED SENSOR KIT, DUAL	A - 7046 ,A - 7518	1	DUAL PICK-UP (4 PIN)	
24	7992	BUSHING		1		S-2502 ,S-2859
25	14142	-O- RING		1		S-2763
26	S-2502	REAR BRG COVER ASSY	4303604 ,4305827	1	MECHANICAL - 4:00 OPENING	
26	S-2859	REAR BRG COVER ASSY	4302732 ,4305826	1	MECHANICAL - 6:00 OPENING	

Group: CASE (FRONT)



Dipstick components



10300A-11-97 Iron/Alum Hsg

*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.

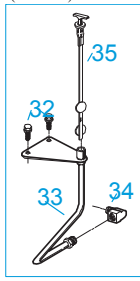
Note : Some part requirements are specific to #1 or #2 Aluminum or Iron Clutch Housings and Push or Pull type Clutch.

CASE (FRONT)

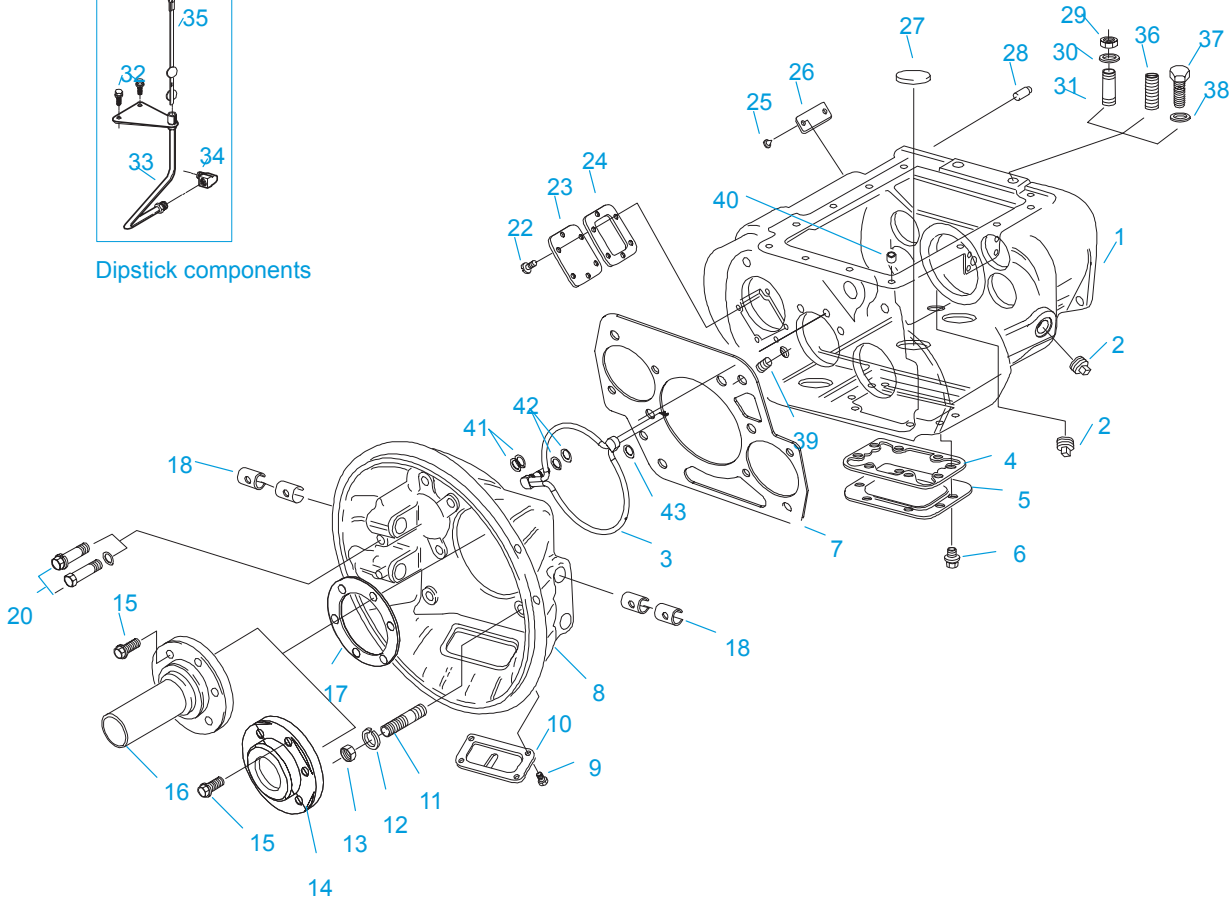
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	S-3018	CASE ASSEMBLY	4304498 ,4305810 ,S - 2735	1		
2	X-12-2007	PIPE PLUG	X12 2006	1		
3	X-12-1207	PIPE PLUG	X12 1202 ,X12 1206	1	3/4" MAGNETIC	
4	4305310	GASKET	4302810	1		K-3288
5	4302809	PTO COVER	16596 ,4300571	1		
6	X-8-725	CAPSCREW	X 8 724	8	7/16"-14X7/8"	
7	4305668	GASKET	4304815	1		K-3288 ,K-3671 ,K-3672 ,K-3673 ,K-3676
8	A-4772	CLUTCH HOUSING ASSY	A - 4344 ,A - 4771	1	#2 PUSH-PULL ALUM.	
8	A-3723	CLUTCH HOUSING ASSY	A - 3721 ,A - 3722	1	#2 PUSH-PULL IRON	
8	A-5992	CLUTCH HOUSING ASSY	4301103	1	#1 PULL ALUM.(SPECIAL-LIGHTER WEIGHT)	
8	A-3713	CLUTCH HOUSING ASSY	A - 3700	1	#1 PUSH-PULL IRON	
9	X-8L-509	CAPSCREW		4	5/16"-18X1/2" QUANTITY DEPENDENT ON DESIGN	
10	14507	HAND HOLE COVER		1	#2 PULL	
10	4305230	HAND HOLE COVER	11453	1	#1 PULL	K-2468
10	4305231	HAND HOLE COVER	1565	1	#1 PUSH	S-2783
10	14506	HAND HOLE COVER		1	#2 PUSH	
11	4302708	STUD	5966	6		K-3288
12	X-10-1005	WASHER	X 3 1000 ,X10 1000 ,X10 1004	6	1.23 X 6.60	
13	X-1-1005	NUT	X 1 1000	6	5/8"-18	
14	20550	FRONT BEARING COVER		1	2" PULL	K-2468
15	X-8L-604	CAPSCREW		6	3/8"-16X1-1/4"	S-2783
16	20549	FRONT BEARING COVER		1	2" PUSH	
17	14311	GASKET		1		K-3288
18	12815	BUSHING		4	FOR #1 HOUSING UPPER	A-3713 ,A-3723 ,A-4772 ,A-5992 ,K-2468

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
18	8677	BUSHING		1	FOR #2 HOUSING UPPER	A-3713 ,A-3723 ,A-4772
18	12815	BUSHING		2	FOR #2 HOUSING UPPER	A-3713 ,A-3723 ,A-4772 ,A-5992 ,K-2468
19	8677	BUSHING		2	FOR #1 AND #2 HOUSING LOWER	A-3713 ,A-3723 ,A-4772
20	X-8C-826	CAPSCREW	126243 X 8 809 X 8L 809 X 8L 826	4	1/2-13 X 1-7/16 - FOR ALUMINUM HOUSING	K-3671 ,K-3672 ,K-3673 ,K-3676
20	X-8C-826	CAPSCREW	126243 X 8 809 X 8L 809 X 8L 826	2	1/2-13 X 1-7/16 - FOR IRON HOUSING	K-3671 ,K-3672 ,K-3673 ,K-3676
20	X-8C-822	CAPSCREW	X 8 822 ,X 8L 822	2	1/2-13 X 3-1/2	
21	4304023	PLUG	4303747	1	1-1/16" MAGNETIC, O-RING INCLUDED	S-3001 ,S-3018
22	X-8-686	CAPSCREW		6	3/8"-16X3/4"	
23	14575	PTO COVER	4302254	1		
24	4305309	GASKET	1684	1		K-3288
27	14373	MAGNET		3		S-3001 ,S-3018
28	18128	PIN		2		
29	X-1-1005	NUT	X 1 1000	2	5/8"-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"	
32	X-8L-602	CAPSCREW		2	3/8"-16X1-1/2"	
33	20867	TUBE		1		
34	20484	ELBOW		1		
35	20866	DIPSTICK		1		
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"	
40	4302680	BUSHING		1		

Group: CASE (FRONT) FORCED LUBE



Dipstick components

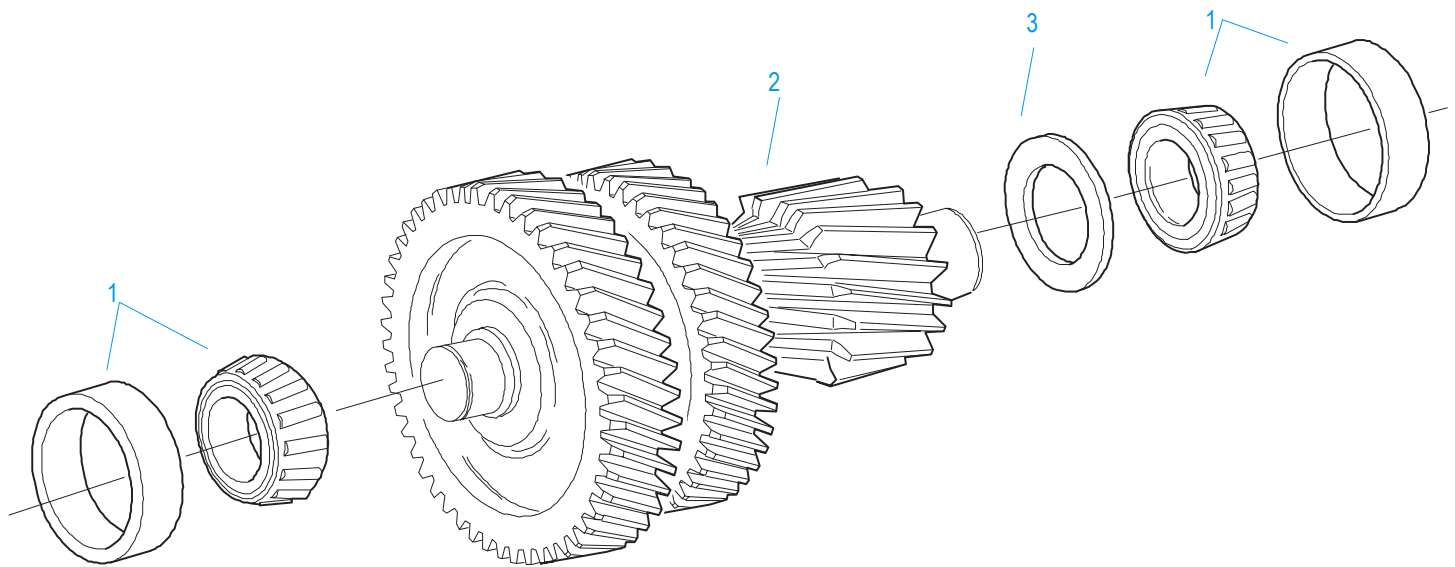


10319-11-99 Alum Hsg

CASE (FRONT) FORCED LUBE

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	S-3001	CASE ASSEMBLY	4305390 ,4305810 ,S - 2891	1		
2	4304023	PLUG	4303747	2	1-1/16" MAGNETIC, O-RING INCLUDED	S-3001 ,S-3018
3	A-7471	EXTENDED LUBE TUBE ASSY	4305393	1	CAN ONLY BE USED W/4305390 CASE	
3	A-7194	LUBE TUBE ASSY	4304921 ,A - 7141	1	CAN BE USED W/4305390 OR 4304796 CASE	
4	4305310	GASKET	4302810	1		K-3288
5	4302809	PTO COVER	16596 ,4300571	1		
6	X-8-725	CAPSCREW	X 8 724	8	7/16"-14X7/8"	
7	4305668	GASKET	4304815	1		K-3288 ,K-3671 ,K-3672 ,K-3673 ,K-3676
8	K-3673	FORCED LUBE CL HSG KIT	A - 7146	1	#1 PULL ALUMINUM - NODAL MOUNT	
8	K-3672	FORCED LUBE CL HSG KIT	A - 7149 ,A - 7150	1	#1 PULL IRON - NODAL MOUNT	
8	K-3676	FORCED LUBE CL HSG KIT	A - 7145	1	#1 PULL ALUMINUM	
8	K-3671	FORCED LUBE CL HSG KIT	A - 7148	1	#1 PULL IRON	
9	X-8L-509	CAPSCREW		4	5/16"-18X1/2" QUANTITY DEPENDENT ON DESIGN	
10	4305230	HAND HOLE COVER	11453	1	#1 PULL	
10	4305231	HAND HOLE COVER	1565	1	#1 PUSH	
11	4302708	STUD	5966	6		
12	X-10-1005	WASHER	X 3 1000 ,X10 1000 ,X10 1004	6	1.23 X 6.60	
13	X-1-1005	NUT	X 1 1000	6	5/8"-18	
14	20550	FRONT BEARING COVER		1	2" PULL	K-2468

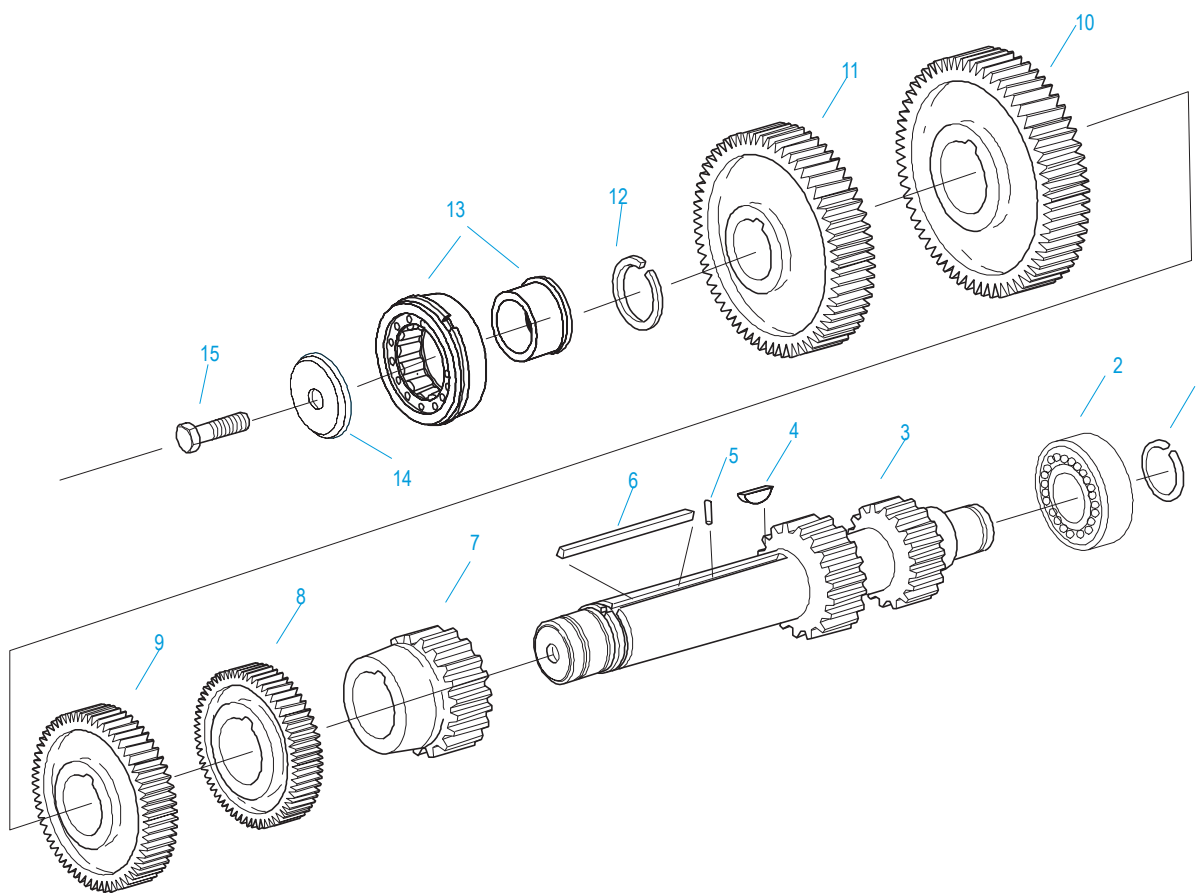
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
15	X-8L-604	CAPSCREW		6	3/8"-16X1-1/4"	S-2783
16	20549	FRONT BEARING COVER		1	2" PUSH	
17	14311	GASKET		1		K-3288
18	12815	BUSHING		4		A-3713 ,A-3723 ,A-4772 ,A-5992 ,K-2468
20	X-8C-826	CAPSCREW	126243 X 8 809 X 8L 809 X 8L 826	2	1/2-13 X 1-7/16 - FOR IRON HOUSING	K-3671 ,K-3672 ,K-3673 ,K-3676
20	X-8C-826	CAPSCREW	126243 X 8 809 X 8L 809 X 8L 826	4	1/2-13 X 1-7/16 - FOR ALUMINUM HOUSING	K-3671 ,K-3672 ,K-3673 ,K-3676
20	X-8C-822	CAPSCREW	X 8 822 ,X 8L 822	2	1/2-13 X 3-1/2 - 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-3288
27	14373	MAGNET		3		S-3001 ,S-3018
28	18128	PIN		2		
29	X-1-1005	NUT	X 1 1000	2	5/8"-18	
30	X-10-1005	WASHER	X 3 1000 ,X10 1000 ,X10 1004 1632 ,6579	2	1.23 X 6.60	
31	14554	STUD		2	5/8" X 2-3/16"	
32	X-8L-602	CAPSCREW		2	3/8"-16X1-1/2"	
33	20867	TUBE		1		
34	20484	ELBOW		1		
35	20866	DIPSTICK		1		
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"	
40	4302680	BUSHING		1		
41	13835	-O- RING		2		A-7194 ,A-7471 ,K-3341
42	13653	-O- RING		2		A-7194 ,A-7471 ,K-3331 ,K-3341
43	5568544	-O- RING		1		A-7194 ,A-7471 ,K-3341



10444-5/93 CS Helical

COUNTERSHAFT & BRGS(AUX)

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	4301851	BEARING		4		K-3533 ,K-3534 ,S-2962
2	A-6888	WELDED COUNTERSHAFT ASSY		2	C/S 4303143 - D/G 4304085 S/G 4304087	
3	4303124	SPACER	4300897	2		K-3220

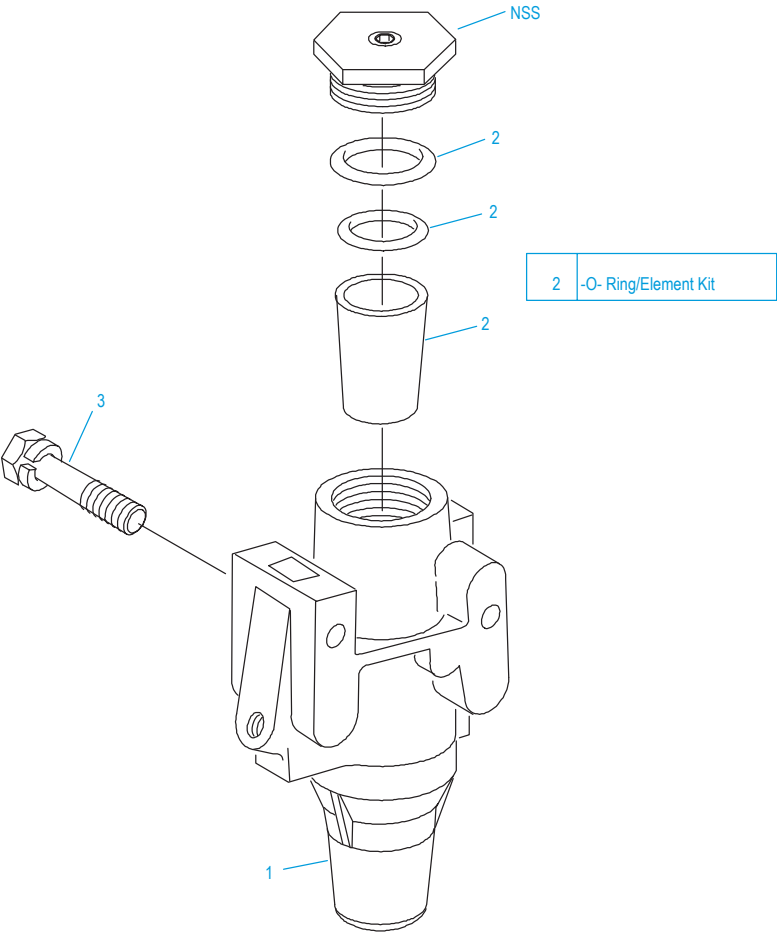


10364-11-96 CS/RT

COUNTERSHAFT ASSY

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	4302082	SNAP RING		2		K-3531 ,K-3533 ,K-3534
2	4302712	BEARING		2		K-3533 ,K-3534
3	K-2947	CNTRSHFT W/REV & LO	4302652	2		
4	X-6-E	KEY		2		
5	62511	ROLL PIN		2		
6	4304840	KEY	19673	2		
7	4304765	1ST GEAR-CNTRSHFT	4303702 ,4304520	2		
8	4304518	2ND GEAR-CNTRSHFT	4303700	2		
9	4304508	OD GEAR-CNTRSHFT	4303666 ,4304315	2		
10	15953	PTO GEAR - LOWER		1		
10	20840	PTO GEAR - UPPER	15952	1		
11	4304512	DRIVE GEAR-CNTRSHFT	4303697	2		
12	19198	SNAP RING		2		K-3531
13	4304599	BEARING	4302677 4304598	2		K-3533 ,K-3534
14	4304605	RETAINER	19548	2		
15	X-7-1005	CAPSCREW		2	5/8"-18X1-3/4"	

Group: FILTER REGULATOR

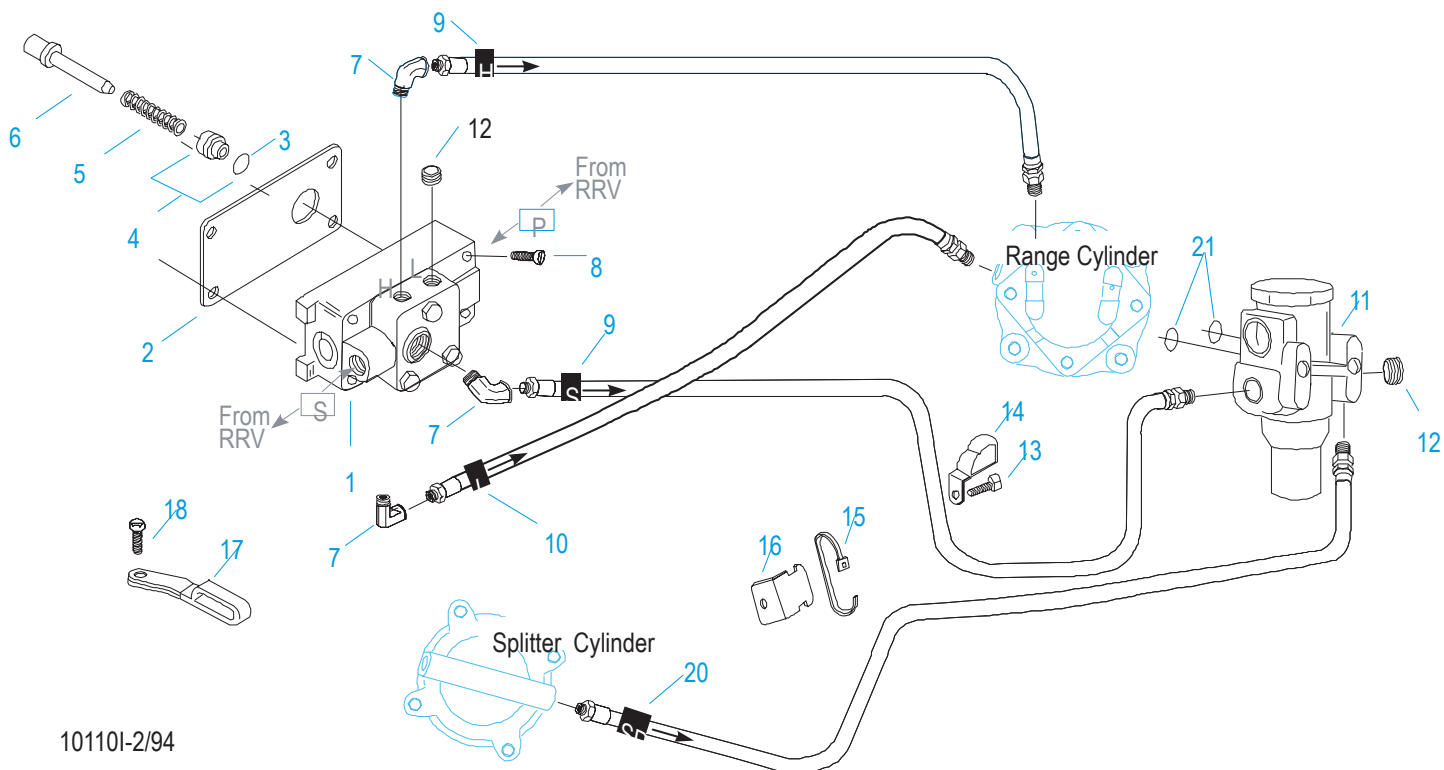


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NSS - Not Sold Separately

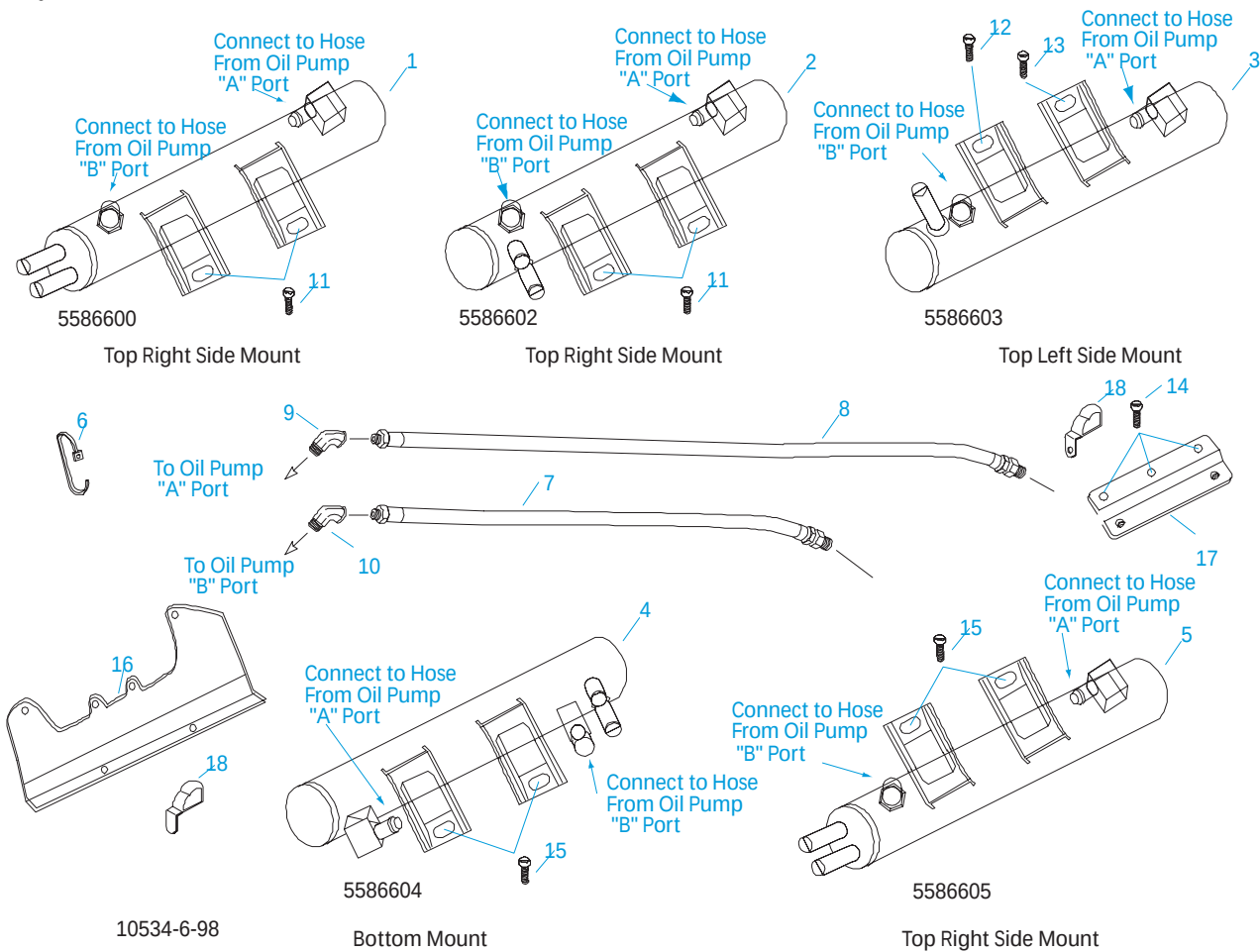
FILTER REGULATOR

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"	



H & C W/A-5000 VALVE

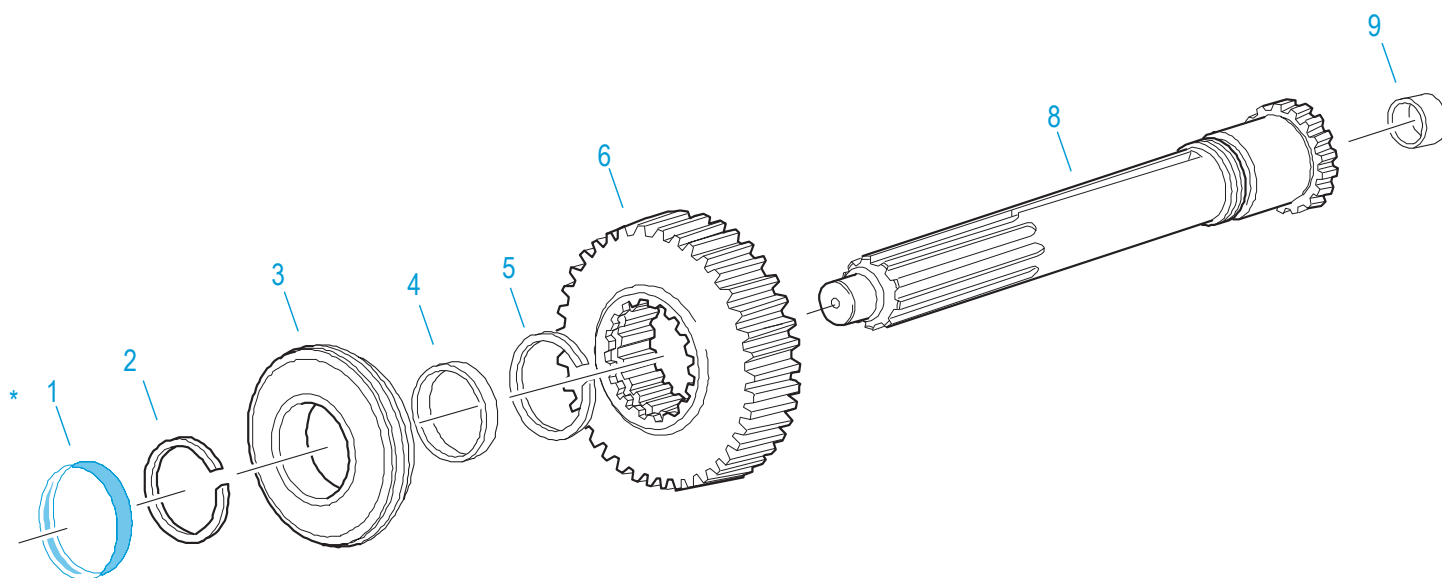
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	A-5000	SLAVE VALVE ASSY	20850	1		
2	19481	GASKET		1		K-2199
3	19462	-O- RING	14033	1		K-1969
4	K-1969	SLEEVE KIT	14362 ,19460 ,21446	1	FOR SLAVE VALVES	
5	21268	SPRING	19572	1		
6	20490	PIN	19459	1		
7	12845	ELBOW		3	1/8"	
8	X-8C-411	CAPSCREW		4	1/4"-20X1-3/4"	
9	55528	HOSE ASSY		2	36"	
10	55509	HOSE ASSY		1	34"	
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"	
20	55527	HOSE ASSY		1	15"	
21	15114	-O- RING		2		A-5000 ,K-1935



HEAT EXCHANGER

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	5586625	HEAT EXCHANGER (14")	5586612	1	3/4" PORTS	K-3620
1	K-3620	HEAT EXCHANGER KIT	5586600	1	MUST USE WHEN REPLACING 5586600 HEAT EXCHANGER WITH 5/8" PORTS, 5/8" TO 3/4" ADAPTERS ARE INCLUDED IN THIS KIT	
2	5586627	HEAT EXCHANGER (14")	5586614	1	3/4" PORTS	K-3622
2	K-3622	HEAT EXCHANGER KIT	5586602 ,K - 3362	1	MUST USE WHEN REPLACING 5586602 HEAT EXCHANGER WITH 5/8" PORTS, 5/8" TO 3/4" ADAPTERS ARE INCLUDED IN THIS KIT	
3	5586628	HEAT EXCHANGER (14")	5586615	1	3/4" PORTS	K-3623
3	K-3623	HEAT EXCHANGER KIT	5586603	1	MUST USE WHEN REPLACING 5586603 HEAT EXCHANGER WITH 5/8" PORTS, 5/8" TO 3/4" ADAPTERS ARE INCLUDED IN THIS KIT	
4	5586629	HEAT EXCHANGER (14")	5586615	1	3/4" PORTS	K-3624
4	K-3624	HEAT EXCHANGER KIT	5586604	1	MUST USE WHEN REPLACING 5586604 HEAT EXCHANGER WITH 5/8" PORTS, 5/8" TO 3/4" ADAPTERS ARE INCLUDED IN THIS KIT	
5	5586633	HEAT EXCHANGER (14")	5586620	1	3/4" PORTS	K-3625
5	K-3625	HEAT EXCHANGER KIT	5586605 ,K - 3360	1	MUST USE WHEN REPLACING 5586605 HEAT EXCHANGER WITH 5/8" PORTS, 5/8" TO 3/4" ADAPTERS ARE INCLUDED IN THIS KIT	
6	21425	STRAP		2		K-3748
7	5588103	OIL HOSE ASSEMBLY	5586903	1	30.0"	
7	5588109	OIL HOSE ASSEMBLY	5586909	1	28.0"	
7	5588107	OIL HOSE ASSEMBLY	5586907	1	45.0"	
7	5588101	OIL HOSE ASSEMBLY	5586901	1	14.5"	

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
8	5588102	OIL HOSE ASSEMBLY	5586902	1	26.5"	K-3625
8	5588108	OIL HOSE ASSEMBLY	5586908	1	52.0"	
8	5588105	OIL HOSE ASSEMBLY	5586905	1	21.5"	
8	5588106	OIL HOSE ASSEMBLY	5586906	1	40.0"	
9	4304076	ELBOW		1	FOR OIL PUMP "A" PORT	
10	4301123	ELBOW		1	FOR OIL PUMP "B" PORT	
11	X-8C-6109	CAPSCREW		2	3/8"-16X1-1/4"	
12	X-8L-602	CAPSCREW		1	3/8"-16X1-1/2"	
13	X-8C-6109	CAPSCREW		1	3/8"-16X1-1/4"	
14	X-8L-602	CAPSCREW		3	3/8"-16X1-1/2"	
15	X-8C-6111	SCREW		2	3/8"-16X3/4"	
16	4304665	MOUNTING BRACKET		1		
17	4304683	BRACKET		1		
18	4303681	HOSE CLAMP		1		



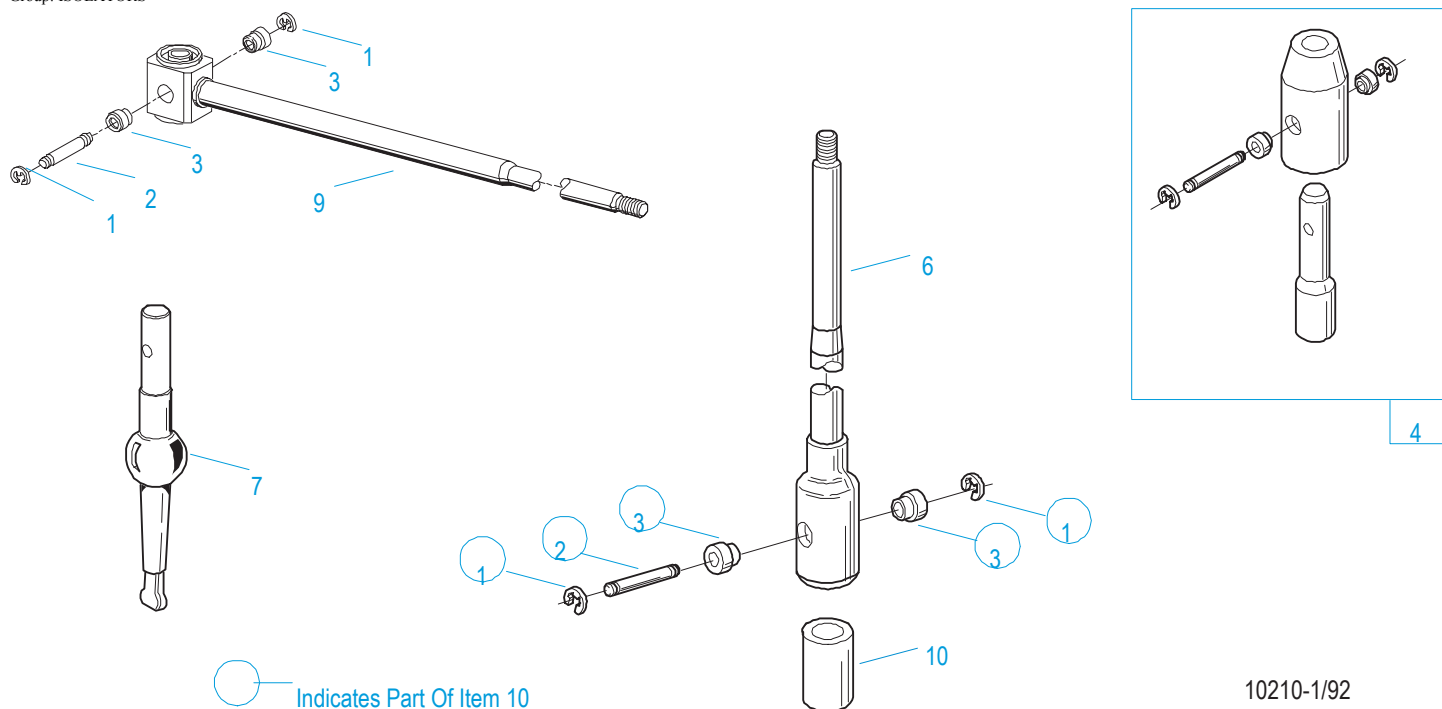
* For Shipping Only Do Not Replace

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-3512 ,K-3513
3	81504	BEARING		1		K-3512 ,K-3513
4	16463	SPACER		1		
5	14750	SNAP RING		1		K-3512 ,K-3513
6	4304510	MAIN DRIVE GEAR	4303695 ,4304314	1		
8	S-1659	INPUT SHAFT	20535 23566 ,4302661	1	2" PULL - USE W/FBC 20550	K-3513
8	S-1660	INPUT SHAFT	20536 ,23567	1	2" PUSH - USE W/FBC 20549	
9	16566	BUSHING		1		K-3512 ,S-1659 ,S-1660

Group: ISOLATORS



10210-1/92

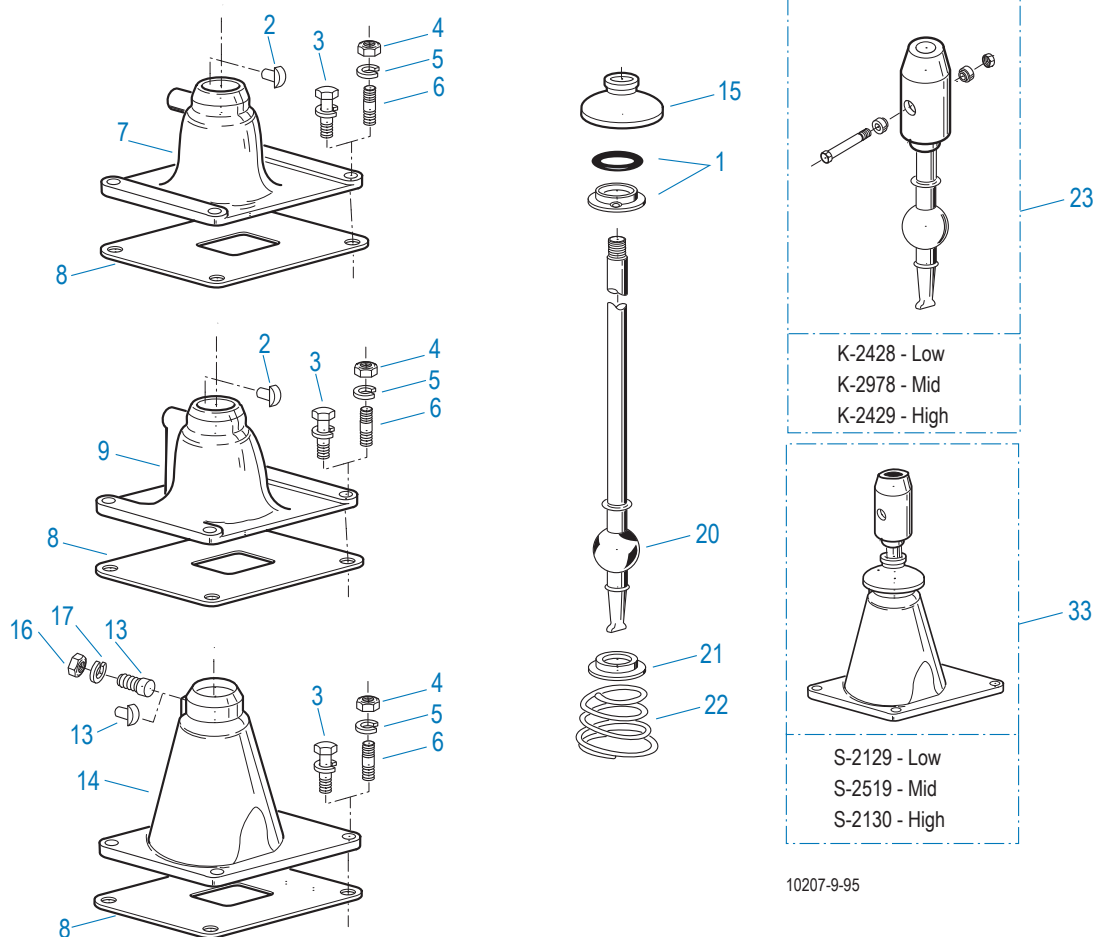
ISOLATORS

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
7	21236	STUB LEVER		1	HIGH TOWER	K-2429 ,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		K-2003 ,K-2428 ,K-2429 ,K-2978 ,K-3399 ,K-3467 ,S-2129 ,S-2130 ,S-2519
12	X-9-503	NUT		1		K-2003 ,K-2428 ,K-2429 ,K-2978 ,K-3399 ,K-3467 ,S-2129 ,S-2130 ,S-2519

KITS & ASSEMBLIES

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
K-3104		ACTUATOR PIN KIT	4303287	1		K-3751
K-2394		AIR SYSTEMS TOOL KIT		1		
K-3339		BASIC OVERHAUL KIT		1		
K-3340		BASIC REBUILD KIT		1		
S-1516		CAP ASSY	20851 ,20853	1		
S-3001		CASE ASSEMBLY	4305390 ,4305810 ,S - 2891	1	USE FOR UNITS BUILT WITH THE FORCED LUBRICATION SYSTEM DESIGN	
S-3018		CASE ASSEMBLY	4304498 ,4305810 ,S - 2735	1	USE FOR UNITS BUILT PRIOR TO THE FORCED LUBRICATION SYSTEM DESIGN	
K-2468		CLUTCH INSTALLATION KIT		1	FOR USE WITH S-1659 INPUT SHAFT ASSY AND 81504 INPUT SHAFT BEARING	
K-2947		COUNTERSHAFT REPL KIT	4302652	1		
K-3288		GASKET KIT		1		K-3339 ,K-3340 ,K-3751
S-1659		INPUT SHAFT	23566	1	2" PULL - USE W/FBC 20550	K-2468 ,K-3339 ,K-3751
S-1660		INPUT SHAFT	23567	1	2" PUSH - USE W/FBC 20549	
S-1794		ISOLATOR ASSY		1		
K-3399		ISOLATOR BUSHING KIT	21244 ,23311	1		
K-2429		LEVER REPLACEMENT KIT		1	HIGH TOWER	
K-2428		LEVER REPLACEMENT KIT		1	LOW TOWER	
K-2978		LEVER REPLACEMENT KIT		1	MID TOWER	
S-2560		MAINSHAFT ASSY	4303403	1		
K-3751		MASTER REBUILDER KIT		1	USE TO REBUILD RTLO-20918B W/NON-SELECTIVE WASHERS AND FORCED LUBE ONLY	
K-3191		MASTER VALVE REPAIR KIT		1	FOR A-6918 VALVE	
K-1698		-O- RING/ELEMENT KIT		1	FOR FILTER REGULATOR	
S-1404		OIL FILTER	17238	1		
K-3367		OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
K-2918		OIL SEAL KIT	4302322 4302323	1		K-3339 ,K-3340 ,K-3751
K-2262		OIL SEAL W/SLINGER	19109 ,20807 ,20808	1		
K-3341		O-RING KIT		1		K-3339 ,K-3340 ,K-3751
K-2003		PIN & BUSHING KIT		1		
K-3467		PIN REPLACEMENT KIT	21245	1		
S-2763		RANGE SECTION ASSY		1		
S-2809		REAR BEARING COVER ASSY	4302332 ,4303872 ,4304652 ,4305830	1	PUSH-IN/THREAD-IN MAGNETIC PICK-UP	
S-2502		REAR BRG COVER ASSY	4303604 ,4305827	1	MECHANICAL - 4:00 OPENING	
S-2859		REAR BRG COVER ASSY	4302732 ,4305826	1	MECHANICAL - 6:00 OPENING	
K-1935		REPAIR KIT-SLAVE VALVE		1	FOR A-5000 VALVE	
K-3497		REPL KIT-SLIDING CLUTCH	K - 3200	1		
S-2588		ROADRANGER VALVE ASSY		1		
S-2269		SHIFT BAR HSG	4302679	1	HOUSING ONLY (RTLOF)	
S-2270		SHIFT BAR HSG	4302675	1	HOUSING ONLY (RTLO)	
S-2271		SHIFT BAR HSG ASSY	4302679	1	COMPLETE (RTLOF) FOR UNITS BUILT PRIOR TO THE FORCED LUBRICATION SYSTEM DESIGN	
S-2272		SHIFT BAR HSG ASSY	4302675	1	COMPLETE (RTLO) FOR UNITS BUILT PRIOR TO THE FORCED LUBRICATION SYSTEM DESIGN	
S-2911		SHIFT BAR HSG ASSY	4302679	1	COMPLETE (RTLOF) FOR UNITS BUILT WITH THE FORCED	

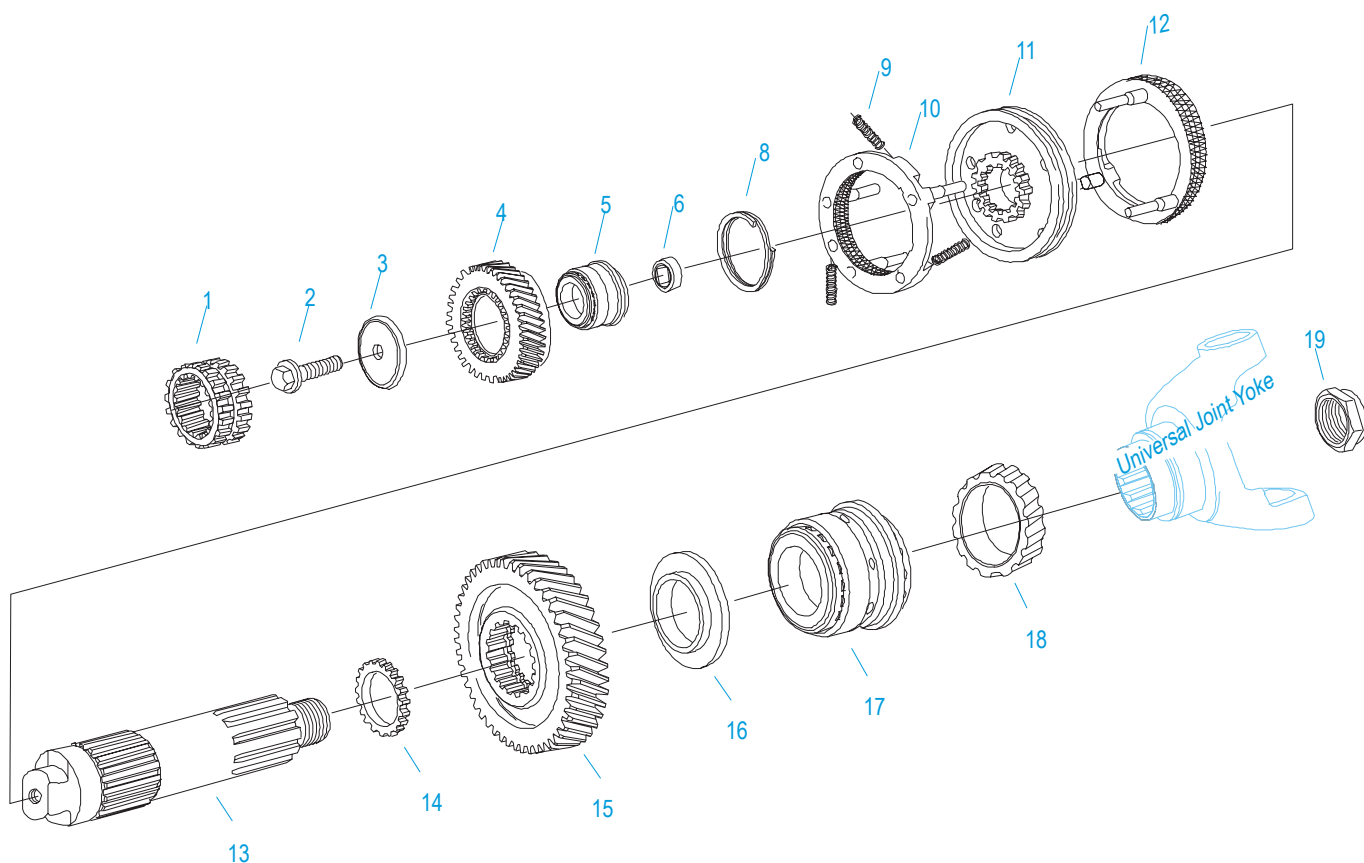
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
	S-2910	SHIFT BAR HSG ASSY	4302675	1	LUBRICATION SYSTEM DESIGN COMPLETE (RTLO) FOR UNITS BUILT WITH THE FORCED LUBRICATION SYSTEM DESIGN	
	K-1476	SHIFT LEVER HSG	4530 ,17163 ,18298 ,4304905 ,A - 4437	1	LOW TOWER	
	S-2519	SHIFT LEVER HSG ASSY	S - 2919	1	MID TOWER	
	S-2129	SHIFT LEVER HSG ASSY		1	LOW TOWER	
	S-2130	SHIFT LEVER HSG ASSY	S - 2053	1	HIGH TOWER	
	K-2977	SHIFT LEVER HSG KIT	4301167 ,4304907 ,A - 6040	1	MID TOWER	
	K-2973	SHIFT LEVER HSG KIT	17166 ,17167 ,4303050 ,4304910 ,K - 1630 K - 1941	1	HIGH TOWER	
	K-2805	SHIM KIT	21452 K - 2106	1		K-3339 ,K-3340 ,K-3751 ,S-2763
	K-1969	SLEEVE KIT	14362 19460 ,21446	1	FOR SLAVE VALVES	K-3751
	K-3327	SMALL PARTS KIT		1		
	S-2501	SPEEDO ROTOR ASSY	4302242	1	MAGNETIC	
	S-2503	SPEEDO SPACER ASSY	4302590	1		
	K-3331	SPLITTER VLV REPL KIT	4300927 ,4304031 ,4304032 ,A - 6862	1		
	K-3492	SYNCHRONIZER KIT	K - 2446	1		
	K-3198	T-2 VALVE KIT	691300 ,691359	1		
	K-3247	TOP 2 RETROFIT KIT		1	FOR USE WITH CATERPILLAR ENGINE	
	K-3280	TOP 2 RETROFIT KIT		1	FOR USE WITH CUMMINS ENGINE	



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		K-1476 ,K-2977
3	X-8C-604	CAPSCREW		4	3/8"-16X1-1/4"	
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-2129 ,S-2130 ,S-2271 S-2272 ,S-2519
9	K-2977	SHIFT LEVER HSG KIT	4301167 ,4304907 ,A - 6040	1	MID TOWER	
13	6541	PIN		1	3/8" - USED W/17167 ONLY	
13	4303030	PIN		1		K-2973 ,S-2130
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-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-2130
22	2536	SPRING		1		K-1476 ,K-2973 ,K-2977 ,S-2130

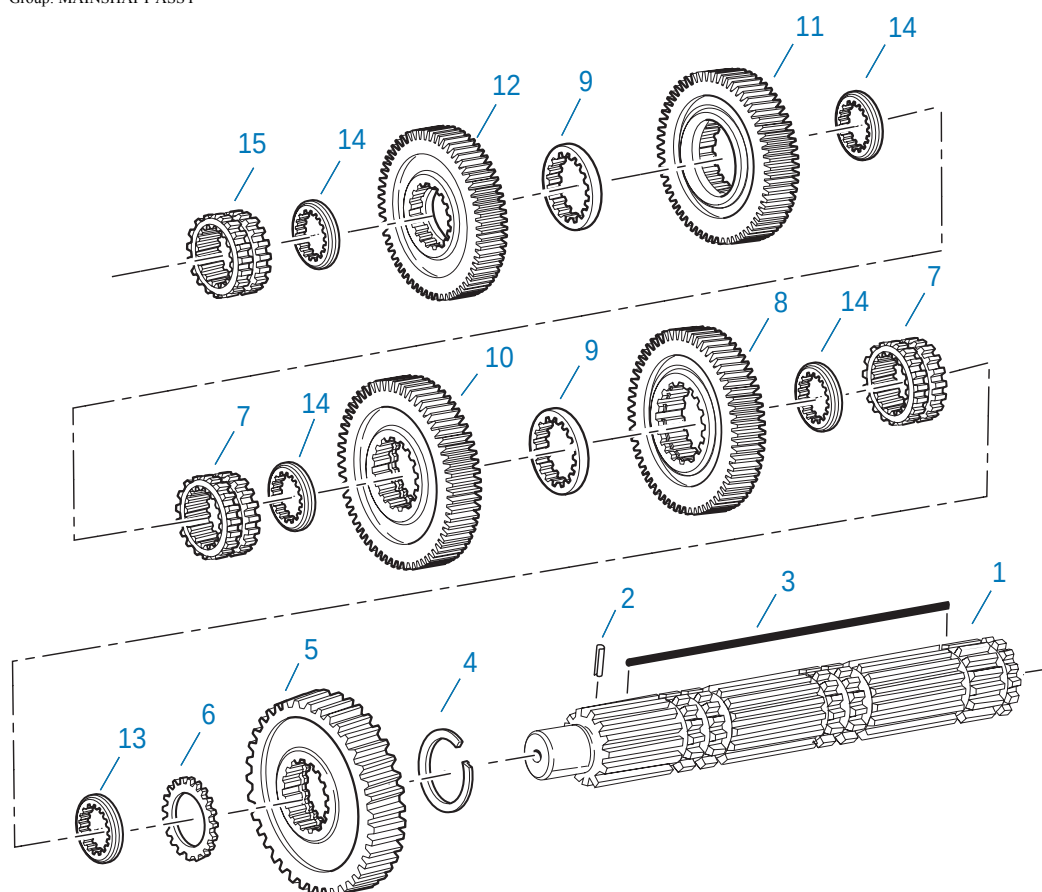
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
23	K-2978	LEVER REPLACEMENT KIT		1	MID TOWER	
23	K-2429	LEVER REPLACEMENT KIT		1	HIGH TOWER	
23	K-2428	LEVER REPLACEMENT KIT		1	LOW TOWER	
33	S-2129	SHIFT LEVER HSG ASSY		1	LOW TOWER	
33	S-2130	SHIFT LEVER HSG ASSY	S - 2053	1	HIGH TOWER	
33	S-2519	SHIFT LEVER HSG ASSY	S - 2919	1	MID TOWER	



10438-12-97 Aux MS

MAINSHAFT & SYNCHRO(AUX)

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	4300907	SLIDING CLUTCH		1		
2	X-7-1007	SCREW		1	5/8"-18X1-3/4"	K-3751
3	4301843	RETAINER		1		
4	4304086	SPLITTER GEAR		1		
5	4300902	TAPERED ROLLER BRG		1		K-3339 ,K-3340 ,K-3751
6	4301844	BEARING SLEEVE		1		K-3751
8	4303424	SNAP RING		1		K-3339 ,K-3340 ,K-3751
9	14897	SPRING		3		K-3327 ,K-3339 ,K-3340 ,K-3492 ,K-3497 ,K-3751
10	A-7331	SYNCHRONIZER ASSY	4304396 4304397 A - 5917	1	HI RANGE	K-3492 ,K-3497 ,K-3751
11	4301840	SLIDING CLUTCH	4303386	1		K-3497 ,K-3751
12	A-7254	SYNCHRONIZER ASSEMBLY	A - 4937 A - 5876	1	LO RANGE	K-3492 ,K-3497 ,K-3751
13	4303705	MAINSHAFT		1		
14	4301842	WASHER		1		K-3751
15	4301795	REDUCTION GEAR	4301794	1		
16	4300912	SPACER		1		K-3751
17	5556503	BEARING		1		K-3339 ,K-3340 ,K-3751
18	20191	ROTOR		1		
19	4302321	NUT		1		K-3327 ,K-3751 ,S-2763



10337B-10-96

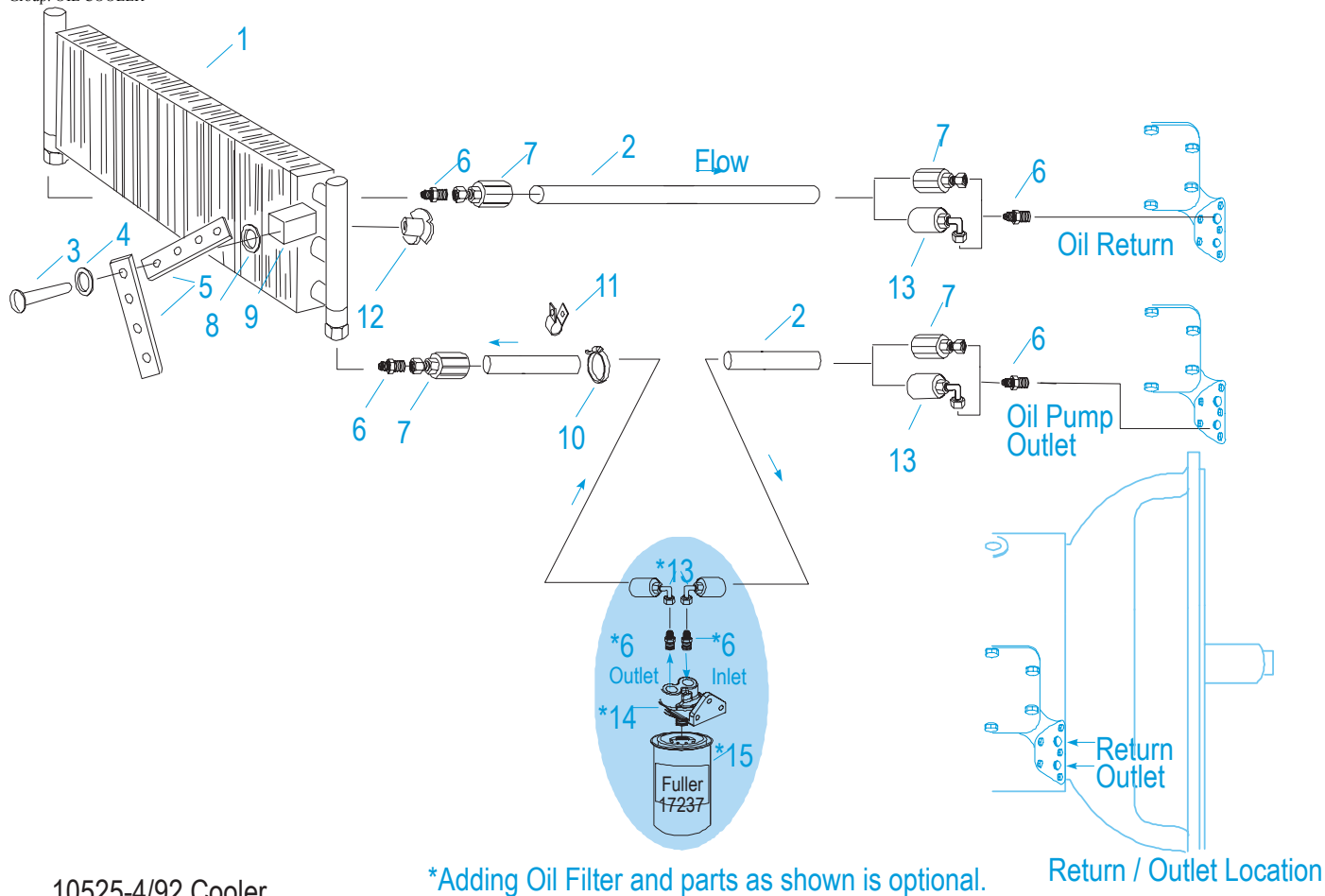
MAINSHAFT ASSY

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	S-2560	MAINSHAFT ASSY	4303403	1		
2	62504	ROLL PIN		1		S-2560
3	4304615	3-SIDED KEY	4300120	1		K-3751
4	14750	SNAP RING		1		K-2468 ,K-3327 ,K-3339 ,K-3340 ,K-3751
5	16756	REVERSE GEAR-MAINSHAFT		1		
6	4302047	SPACER		1		K-3327 ,K-3751
7	16118	SLIDING CLUTCH		2		
8	4303409	LO GEAR-MAINSHAFT	4303407	1		
9	4303603	WASHER		2		K-3327 ,K-3751
10	4303701	1ST GEAR-MAINSHAFT		1		
11	4304516	2ND GEAR-MAINSHAFT	4303699	1		
12	4304514	OD GEAR-MAINSHAFT	4302664 4303698 ,4304316	1		K-3751
13	4300382	WASHER .249-WHITE		1		K-3327 ,K-3751
14	4302398	WASHER		4		K-3327 ,K-3751
15	4304317	SLIDING CLUTCH	22026	1		K-3339 ,K-3751

MISCELLANEOUS

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
	71204	ADHESIVE SEALANT		1	0.5 CC (SINGLE APPLICATION SIZE)	K-3198 ,K-3247 ,K-3280
	71205	SEALANT		1	2 CC (SINGLE APPLICATION SIZE)	K-3339 ,K-3751
	4303613	SHIFT DIAGRAM LABEL		1	RTLO/F-20918B-T2	K-3247 ,K-3280
	21628	SHIFT DIAGRAM LABEL	4300591	1	RTLO/F-20918B	
	71206	SILICONE LUBE		1	4 CC (SINGLE APPLICATION SIZE)	K-2428 ,K-2429 ,K-2978 ,K-3331 ,K-3341 ,K-3751
	71203	SILICONE LUBE		1	8 OZ (236.59 CC)-FLEET SIZE	

Group: OIL COOLER



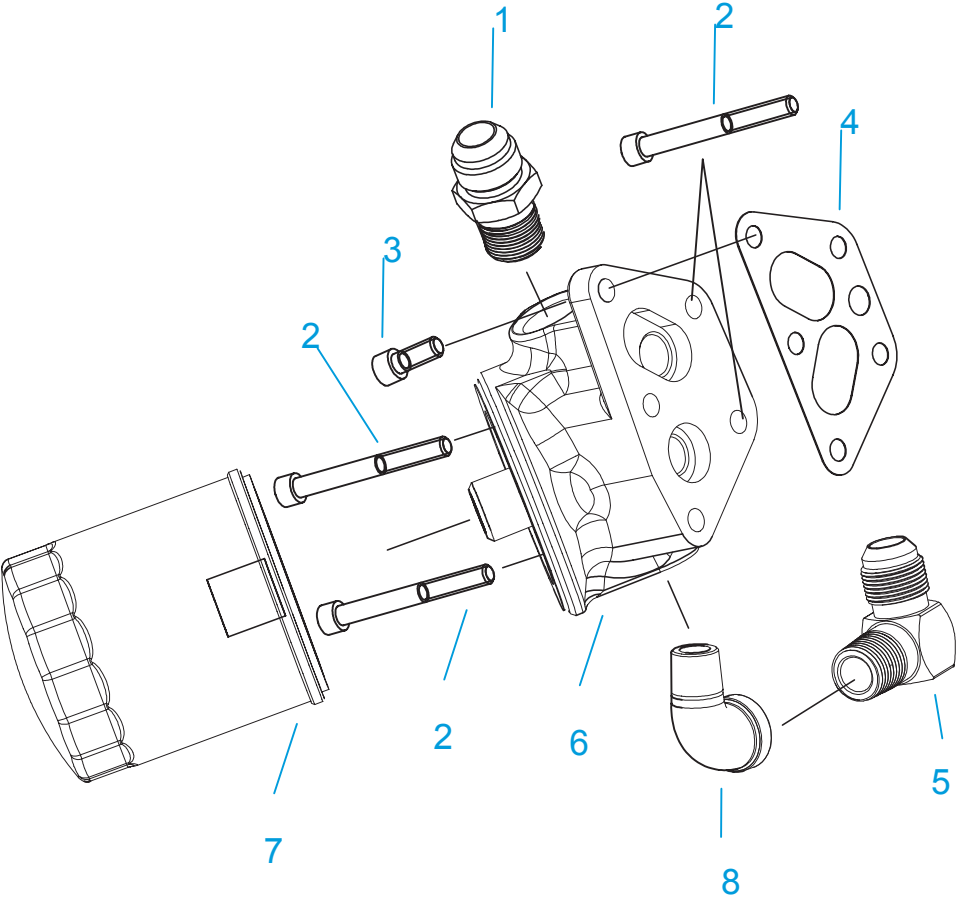
10525-4/92 Cooler

*Adding Oil Filter and parts as shown is optional.

Return / Outlet Location

OIL COOLER

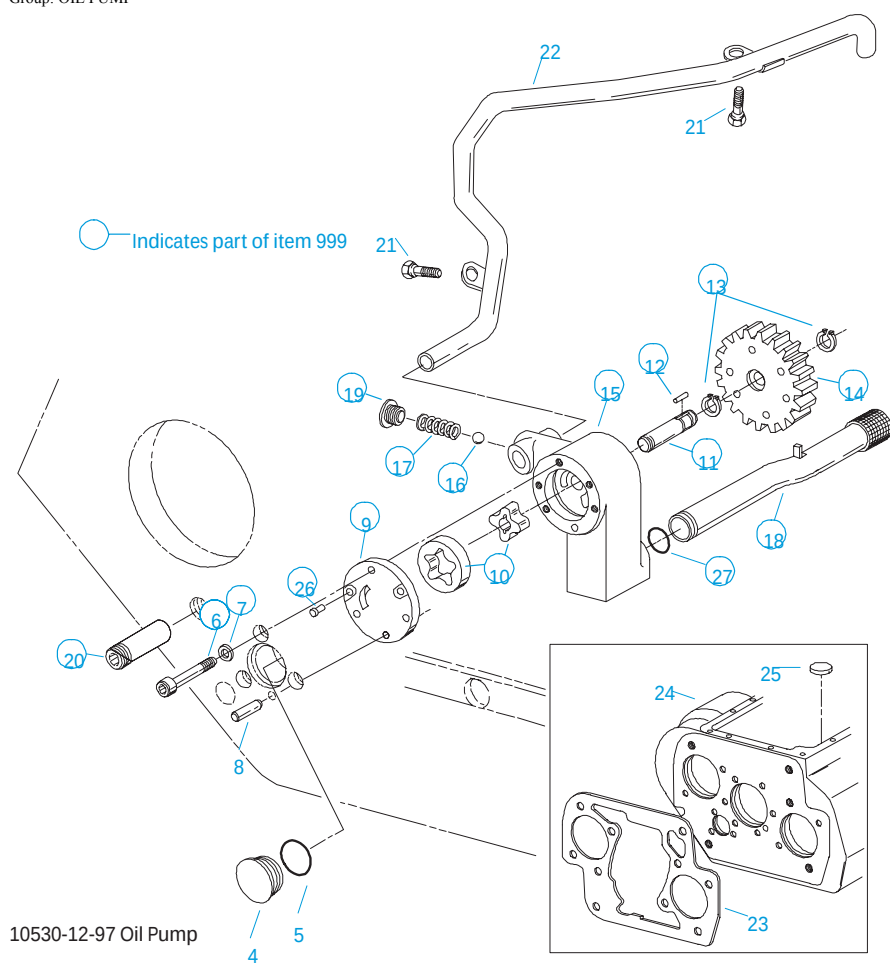
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	18025	OIL COOLER		1		K-1956
2	19424	HOSE		1	25 FEET	K-1956
3	X-8-535	CAPSCREW		2	5/16"-16X2-1/2"	K-1956
4	X-3-506	LOCKWASHER		2	5/16"	K-1956
5	18211	BRACKET		4		K-1956
6	19419	CONNECTOR		6		K-1956 ,S-1404
7	19415	SWIVEL		4		K-1956
8	X-10-501	WASHER		2	5/16"	K-1956
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



10539-3-00

OIL FILTER (FORCED LUBE)

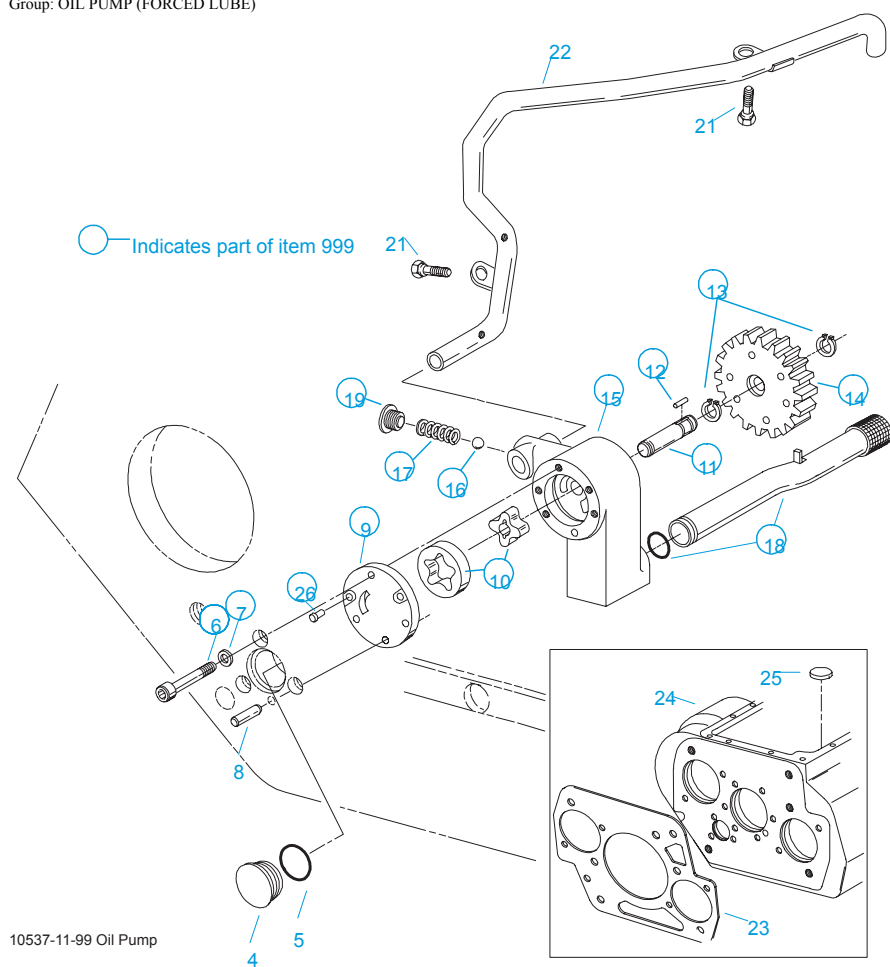
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	19419	CONNECTOR		1		K-3441 ,S-1404
2	X-8-453	SCREW		4		K-3441
3	X-8-452	SCREW		1		K-3441
4	4304820	GASKET		1		K-3441
5	4301123	ELBOW		1		K-3441
6	K-3441	OIL FILTER/ADAPTER KIT	A - 7174	1		
7	4304827	OIL FILTER ELEMENT		1		K-3441
8	17007	ELBOW		1		K-3441



OIL PUMP

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
4	20823	PLUG		1		
5	14765	-O- RING		1		K-3341
6	X-8-448	SCREW	X 8 445	3	1/4"-20X1-1/4"	K-3367
7	20824	WASHER		3		
8	20825	DOWEL PIN		1		
9	4303773	RETAINER		1		
12	20509	KEY		1		
13	14853	SNAP RING		2		
14	4303774	PUMP DRIVE GEAR	4304880	1		
15	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
16	X-14-700	STEEL BALL		1	7/16"	
17	4303775	SPRING		1		
18	4305713	SUCTION TUBE	4304628	1	O-RING INCLUDED ON SUCTION TUBE	K-3367
19	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
20	4303828	PLUG		1		K-3367
21	X-8-686	CAPSCREW		2	3/8"-16X3/4"	
22	4305715	SPLITTER LUBE TUBE	A - 7197	1		
23	4305668	GASKET	4304815	1		K-3288 ,K-3671 ,K-3672 ,K-3673 ,K-3676
24	S-3018	CASE ASSEMBLY	4304498 ,4305810 ,S - 2735	1		
25	14373	MAGNET		3		S-3001 ,S-3018
26	X-8-447	SCREW		2		

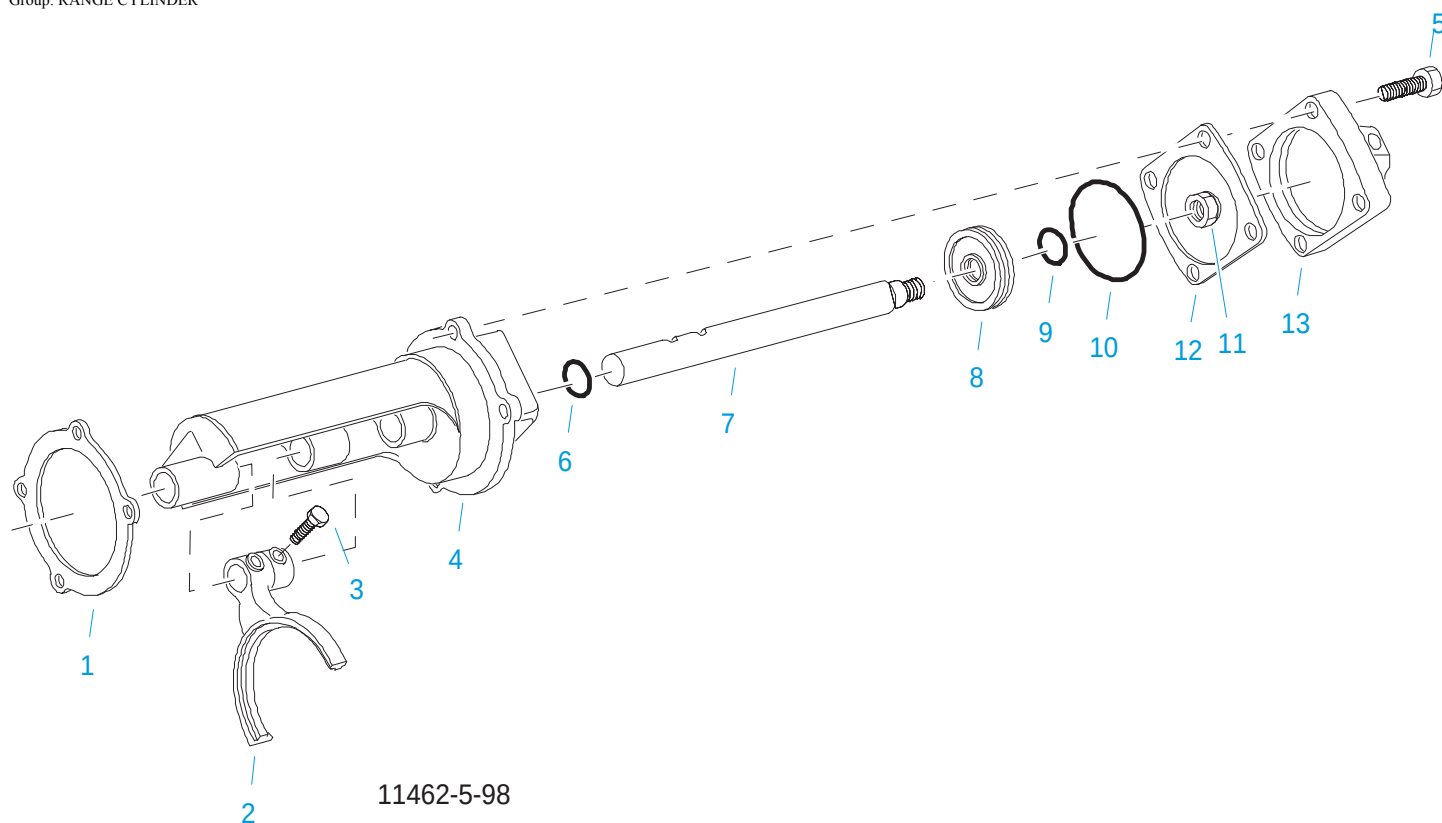
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
27	20225	-O- RING		1		
28	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
29	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
999	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		



OIL PUMP (FORCED LUBE)

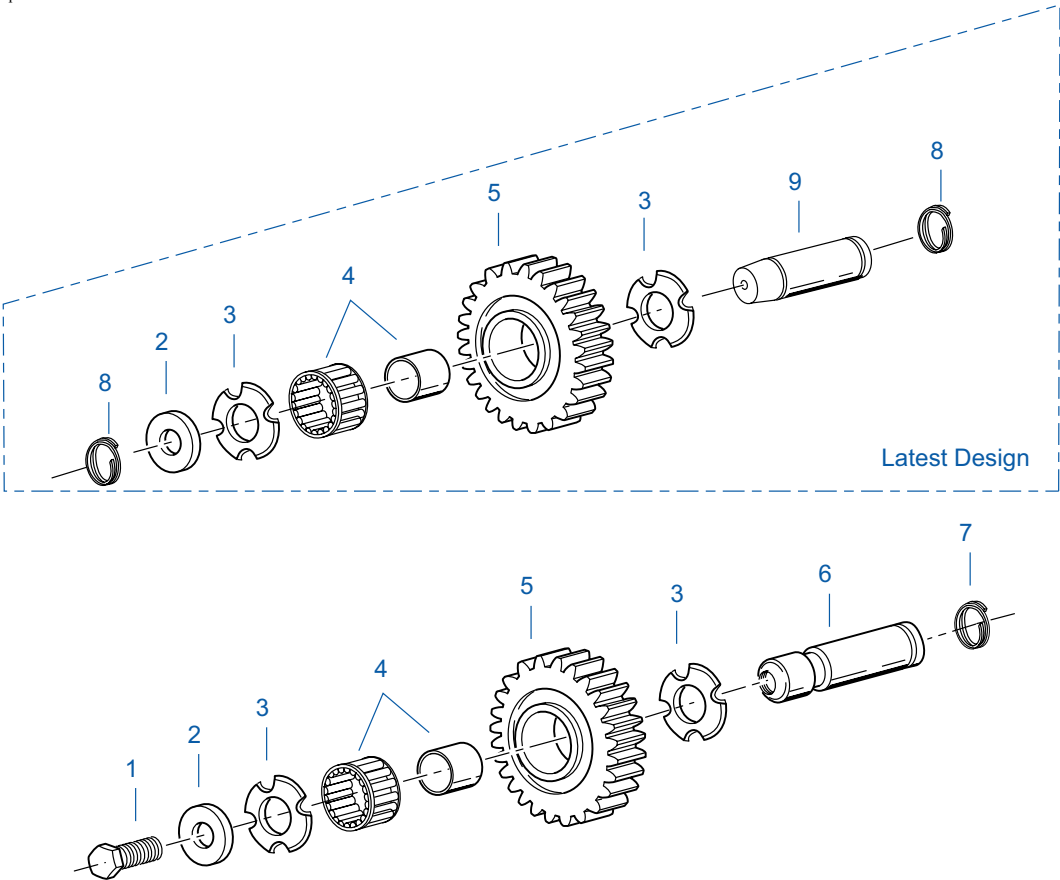
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
4	20823	PLUG		1		
5	14765	-O- RING		1		K-3341
6	X-8-448	SCREW	X 8 445	3	1/4"-20X1-1/4"	
7	20824	WASHER		3		K-3367 ,K-3751
8	20825	DOWEL PIN		1		
9	4303773	RETAINER		1		
10	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
11	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
12	20509	KEY		1		
13	14853	SNAP RING		2		
14	4303774	PUMP DRIVE GEAR	4304880	1		
15	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		
16	X-14-700	STEEL BALL		1	7/16"	
17	4303775	SPRING		1		
18	4305713	SUCTION TUBE	4304628	1	O-RING INCLUDED ON SUCTION TUBE	K-3367
19	4304629	PLUG		1		
21	X-8-686	CAPSCREW		2	3/8"-16X3/4"	
22	4305715	SPLITTER LUBE TUBE	A - 7197	1		
23	4305668	GASKET	4304815	1		K-3288 ,K-3671 ,K-3672 ,K-3673 ,K-3676

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
24	S-3001	CASE ASSEMBLY	4305390 ,4305810 ,S - 2891	1		
25	14373	MAGNET		3		K-3751 ,S-3001 ,S-3018
26	X-8-447	SCREW		2		
27	20225	-O- RING		1		K-3751
999	K-3367	OIL PUMP KIT	4301829 ,4301948 ,4303776 ,4304529 ,4304572 A - 6963 ,A - 7173	1		



RANGE CYLINDER

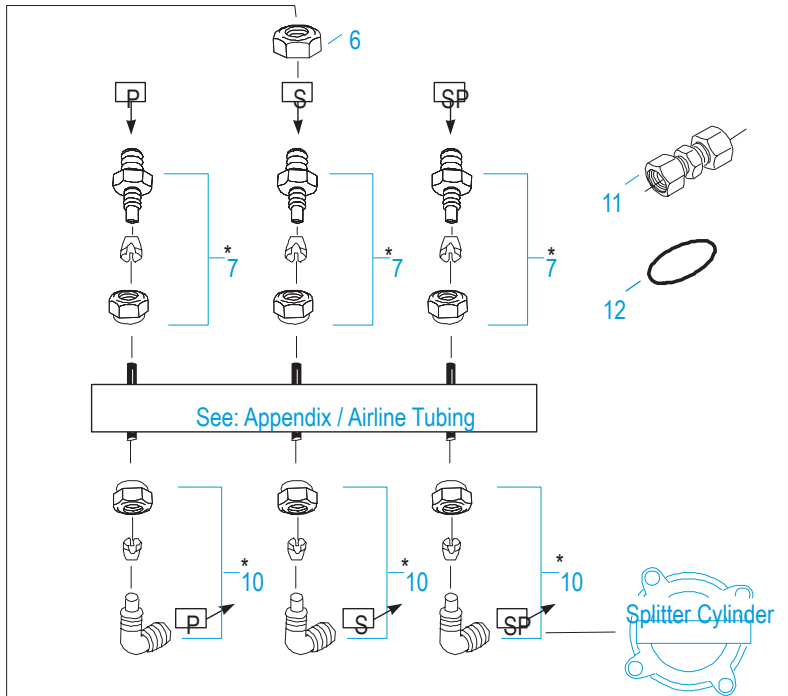
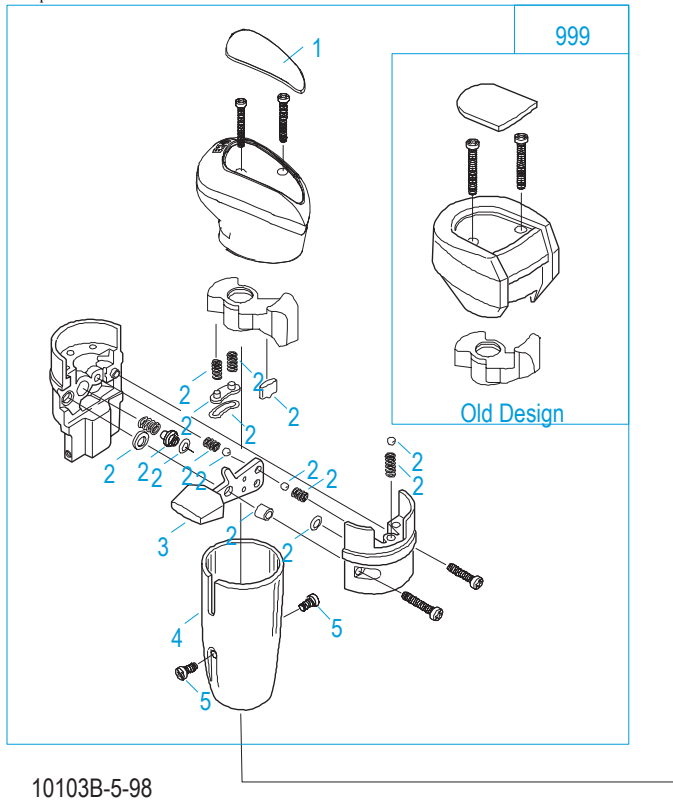
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	14347	GASKET		1		K-3288 ,K-3341
2	22823	SHIFT YOKE	16775	1		
3	X-7-809	BOLT	X 7 810 ,X 7 811	2	1/2"-20X1-3/4"	
4	A-6690	RANGE CYLINDER ASSY	4303595	1		
5	X-8L-607	CAPSCREW	X 8 607	4	3/8"-16X2-1/4"	
6	14765	-O- RING		1		K-3341
7	4303596	YOKE BAR		1		
8	14341	PISTON	23353	1		
9	14345	-O- RING		1		K-3341
10	14344	-O- RING		1		K-3341
11	X-1-1010	NUT		1	5/8"-18	K-3341
12	22826	GASKET		1		K-3288 ,K-3341
13	4303926	COVER		1		



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REVERSE IDLER

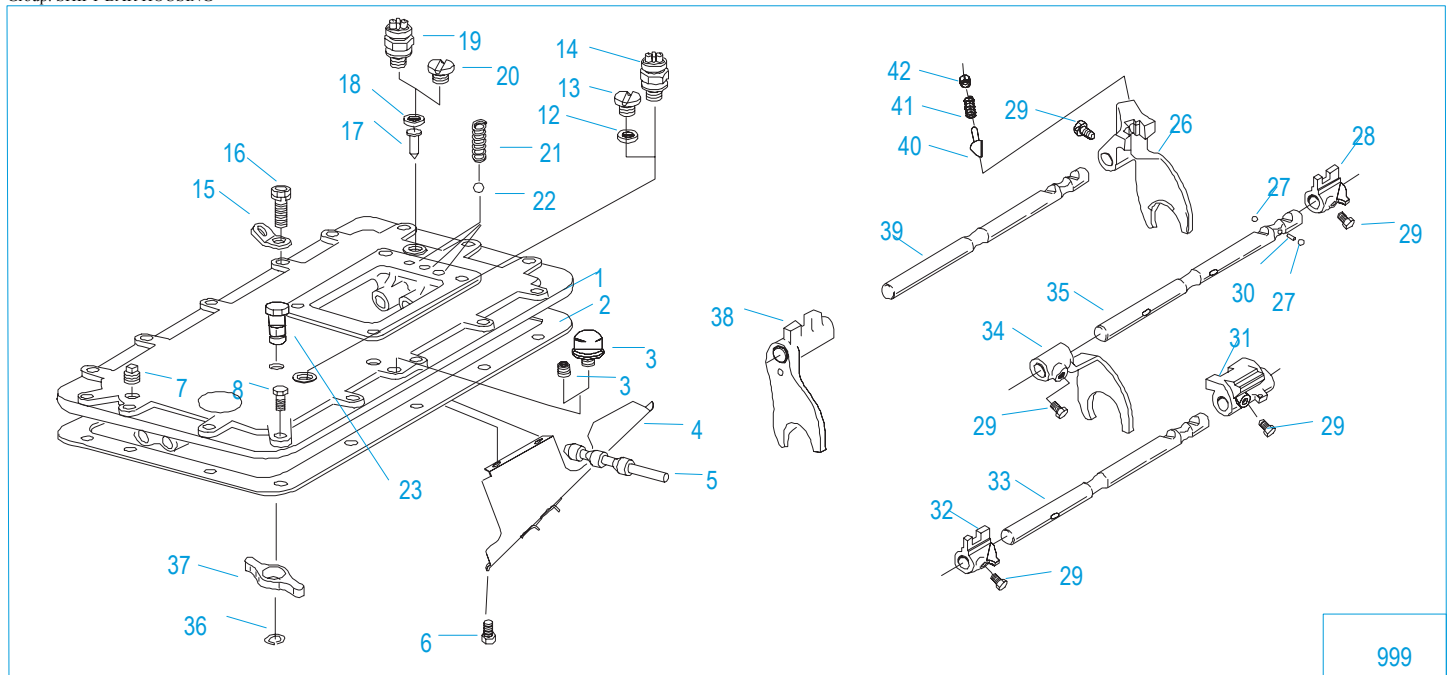
Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	X-7-1008	CAPSCREW		2	5/8"-18X1-1/4	
2	14283	IDLER PLATE		2		
3	4302982	WASHER	14282	4		K-3209 ,S-2406
4	14287	BEARING	4305020	2		
5	16757	REVERSE IDLER GEAR	22409	2		
6	K-3209	IDLER SHAFT REPL KIT	16405 ,4302981 ,4305513	2		
7	4303336	RETAINING RING		2		K-3209
8	4303336	RETAINING RING		4		K-3209
9	4305513	IDLER SHAFT		2		K-3209



*For Connector and Elbow Assy component information see Appendix.

ROADRANGER VALVE

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	5586100	MEDALLION, LOGO		1	(LATEST DESIGN) FULLER LOGO ONLY	A-6918
1	5586114	SHIFT DIAGRAM MEDALLION		1	RTLO-W/SHIFT PATTERN	S-2588
2	K-3191	MASTER VALVE REPAIR KIT		1	FOR A-6918 VALVE	
3	20495	LEVER		1		A-6918
4	20112	COVER		1		A-6918
5	X-8-213	SCREW	X 8 202	1	8-32X3/8"	A-6918
6	X-9-802	NUT		1	1/2"-13	
7	84003	CONNECTOR ASSY	82503	3	5/32" TUBE-1/16" NPTF	
7	84005	CONNECTOR ASSY		3	"PUSH-TO-CONNECT" 5/32" TUBE-1/16" NPTF	S-2588
7	84001	CONNECTOR ASSY	82501	3	1/8" TUBE-1/16" NPTF	
10	85002	ELBOW ASSY	84502	3	1/8" TUBE-1/8" NPTF	K-3247 ,K-3280
10	85003	ELBOW ASSY		3	"PUSH-TO-CONNECT" 5/32" TUBE-1/8" NPTF	K-3198 ,K-3247 ,K-3280 ,K-3331 ,K-3339 ,K-3751
10	85001	ELBOW ASSY	84501	3	5/32" TUBE-1/8" NPTF	
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		2		
999	A-6918	ROADRANGER VALVE ASSY	A - 5013	1	STANDARD-W/LOGO	
999	S-2588	ROADRANGER VALVE ASSY		1	RTLO-W/SHIFT PATTERN	

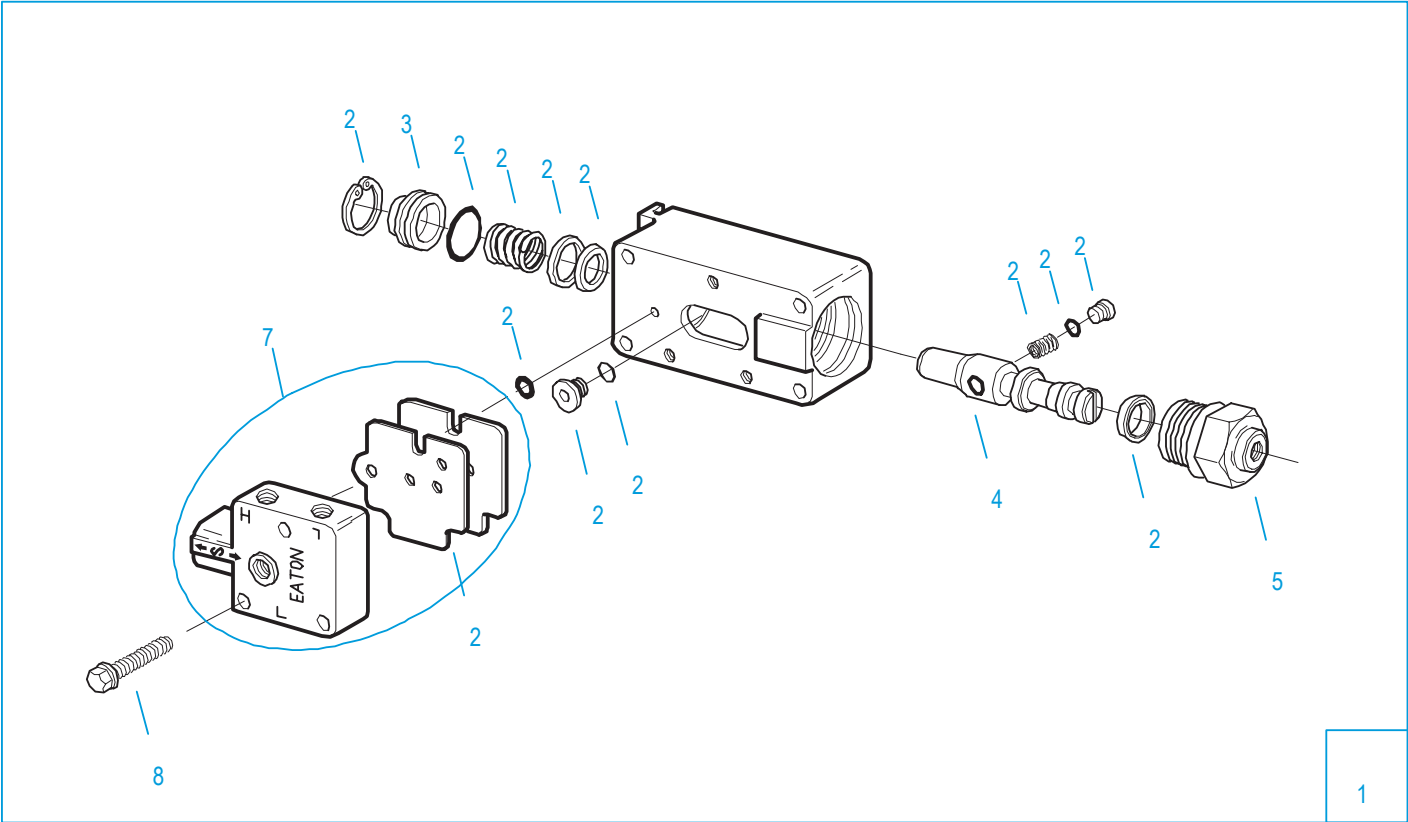


10242-2-94

SHIFT BAR HOUSING

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	S-2270	SHIFT BAR HSG	4302675	1	HOUSING ONLY (RTLO)	
2	4302676	GASKET	14918	1		K-3288 ,S-2269 ,S-2270 ,S-2271 ,S-2272 S-2910 ,S-2911
3	4304602	BREATHER	23605	1	1/4" NPT	
3	X-12-404	PIPE PLUG		1	1/4" NPT	S-2269 ,S-2270 ,S-2271 ,S-2272 ,S-2910 S-2911
4	20070	OIL TROUGH		1	WILL CAUSE INTERFERENCE ON UNITS BUILT WITH THE FORCED LUBRICATION SYSTEM.	S-2271 ,S-2272
5	20332	AIR VALVE SHAFT	17177	1		S-2271 ,S-2272 ,S-2910 ,S-2911
6	X-8-423	CAPSCREW		2	NOT TO BE USED ON UNITS BUILT WITH THE FORCED LUBRICATION SYSTEM.	S-2271 ,S-2272
7	X-12-603	PIPE PLUG	X12 602	1	3/8" NPT	S-2271 ,S-2272 ,S-2910 ,S-2911
8	X-8L-609	CAPSCREW		1	3/8"-16X1-3/4"	
12	17179	GASKET		1		S-2269 ,S-2270 ,S-2271 ,S-2272 ,S-2910 S-2911
13	4303655	PLUG	17178	1		S-2269 ,S-2270 ,S-2271 ,S-2272 ,S-2910 S-2911
14	22941	NEUTRAL LIGHT SWITCH	12639	1	SWITCH NORMALLY CLOSED	
15	20815	LIFTING EYE	17105	2		S-2783
16	X-8C-6109	CAPSCREW		2	3/8"-16X1-1/4" USE TO ATTACHED COOLER TO SHIFT BAR HOUSING	
16	X-8L-602	CAPSCREW		2	3/8"-16X1-1/2"	
16	X-8L-604	CAPSCREW		13	3/8"-16X1-1/4" OR USE 11 PCS OF X-8L-604 WITH 2 PCS OF X-8L-602	S-2783
17	15899	PIN		1		S-2269 ,S-2270 ,S-2271 ,S-2272 ,S-2910 S-2911
18	15900	GASKET		1		S-2269 ,S-2270 ,S-2271 ,S-2272 ,S-2910 S-2911
19	22940	REVERSE LIGHT SWITCH	16830	1	SWITCH NORMALLY OPEN	
20	4303656	PLUG	15917	1		S-2269 ,S-2270 ,S-2271 ,S-2272 ,S-2910 S-2911
21	15918	SPRING		3		K-3327 ,K-3339 ,S-2271 ,S-2272 ,S-2910 S-2911

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
22	X-14-800	STEEL BALL		3	1/2"	K-3327 ,S-2271 ,S-2272 ,S-2910 ,S-2911
23	K-3104	ACTUATOR PIN KIT	4303287	1		
26	16131	SHIFT YOKE		1	REVERSE/LO	S-2272 ,S-2910
27	X-14-1200	STEEL BALL		2	3/4"	S-2271 ,S-2272 ,S-2910 ,S-2911
28	14658	SHIFT BLOCK		1	1ST/2ND	S-2272 ,S-2910
29	3220	LOCKSCREW		5		S-2271 ,S-2272 ,S-2910 ,S-2911
30	1634	INTERLOCK PIN		1		K-3327 ,S-2271 ,S-2272 ,S-2910 ,S-2911
31	19063	SHIFT BLOCK		1	3RD/OD	S-2272 ,S-2910
32	20120	SHIFT BLOCK	18924	1	3RD/OD	S-2271 ,S-2272 ,S-2910 ,S-2911
33	18928	YOKE BAR	4302760	1	3RD/OD	S-2272 ,S-2910
34	18922	SHIFT YOKE		1	1ST/2ND	S-2271 ,S-2272 ,S-2910 ,S-2911
35	18927	YOKE BAR		1	1ST/2ND	S-2272 ,S-2910
36	4302070	SNAP RING		1		K-3104 ,S-2271 ,S-2272 ,S-2910 ,S-2911
37	4303225	ACTUATOR		1		S-2271 ,S-2272 ,S-2910 ,S-2911
38	4305575	SHIFT YOKE	20450	1	3RD/OD	S-2271 ,S-2272 ,S-2910 ,S-2911
39	18926	YOKE BAR		1	REVERSE/LO	S-2272 ,S-2910
40	10019	PLUNGER		1		S-2271 ,S-2272 ,S-2910 ,S-2911
41	6392	SPRING		1		K-3327 ,S-2271 ,S-2272 ,S-2910 ,S-2911
42	8968	PLUG		1		S-2271 ,S-2272 ,S-2910 ,S-2911
999	S-2910	SHIFT BAR HSG ASSY	4302675	1	COMPLETE (RTLO) FOR UNITS BUILT WITH THE FORCED LUBRICATION SYSTEM DESIGN	
999	S-2272	SHIFT BAR HSG ASSY	4302675	1	COMPLETE (RTLO) FOR UNITS BUILT PRIOR TO THE FORCED LUBRICATION SYSTEM DESIGN	

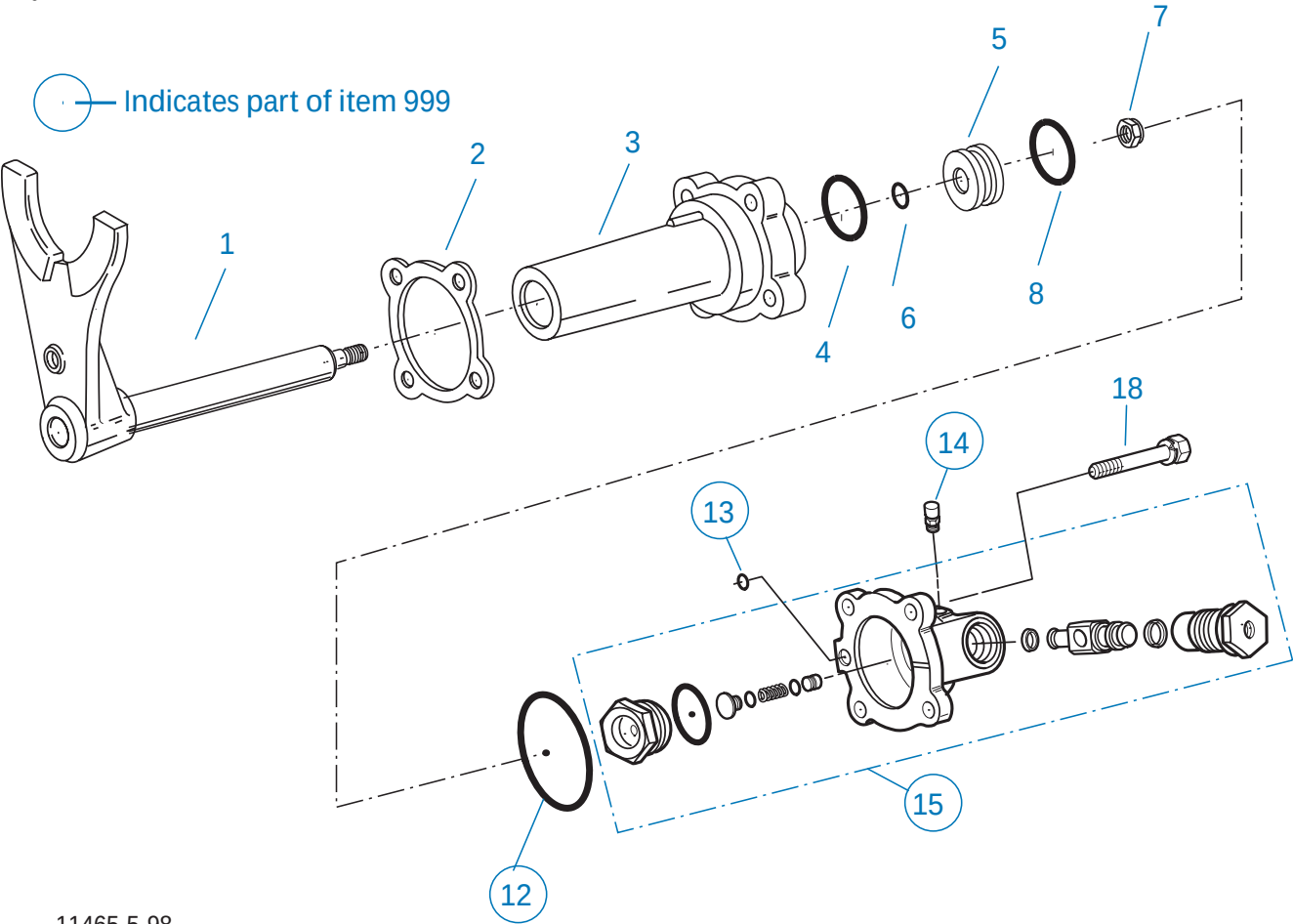


10120-10-97

2	Repair Kit
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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-1963 ,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-4688 ,A-5000
7	S-1516	CAP ASSY	20851 ,20853	1		
8	X-8C-413	CAPSCREW		3	1/4"-20X1-1/2"	A-5000



11465-5-98

SPLITTER CYLINDER

Item	Current Part	Description	Replaced Part	Qty.	Notes	Kits/Assys Where Needed
1	A-7012	SPLITTER YOKE ASSY	A - 6304 ,A - 6892	1		
2	4303583	GASKET		1		K-3593 ,K-3594
3	4303582	SPLITTER CYLINDER		1		
4	21208	-O- RING		1		K-3594
5	4301964	PISTON		1		
6	13653	-O- RING		1		K-3331 ,K-3594
7	X-1-805	NUT		1		
8	21209	-O- RING		1		K-3594
12	5568534	-O- RING		1		K-3331
13	13653	-O- RING		1		K-3331 ,K-3594
14	X2014210	BREATHER	7935	1		
15	K-3331	SPLITTER VLV REPL KIT	4300927 ,4304031 ,4304032 ,A - 6862	1		
18	X-8L-540	CAPSCREW		4	5/16"-18X1-7/8"	
999	K-3331	SPLITTER VLV REPL KIT	4300927 ,4304031 ,4304032 ,A - 6862	1		

Appendix



Air Line Tubing

Choosing nylon tubing for air lines

Use the following chart to specify the Eaton® Fuller® nylon tube appropriate to your vehicle's air system.

 5/32" Air Line and Harness Combinations			
Line Type	Line Color	Order Part No#	Length
Supply + Port	Red (S) + Black (P)	52601	50 ft
Splitter + Deep Reduction	Blue (SP) + Green (H/L)	52701	50 ft
Supply + Splitter + Port	Red(S)+Blue(SP)+ Black(P)	74601	50 ft

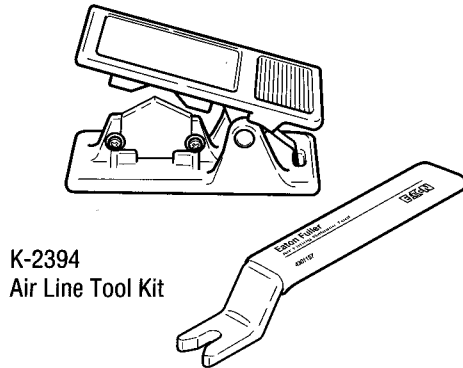
5/32" Air Lines			
Line Type	Line Color	Order Part No#	Length
Supply	Red (S)	75120	50 ft
Port	Black (P)	75320	50 ft
Splitter	Blue (SP)	75720	50 ft
Deep Reduction	Green (H/L)	75520	50 ft
Sheathing		80120	50 ft

1/8" Air Lines			
Line Type	Line Color	Order Part No#	Length
Supply	White	68526	50 ft
Port	Black	82013	50 ft
Sheathing		80000	50 ft

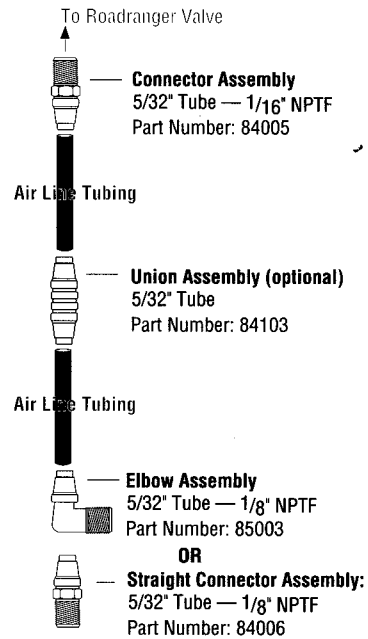
10650-1/92 AL Chart

Identifying fittings

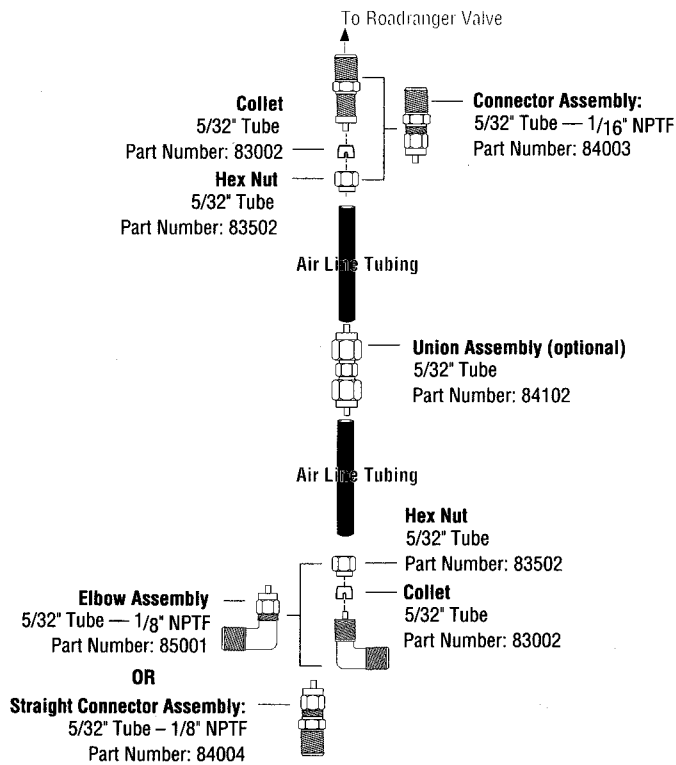
Fittings are available in 5/32" and 1/8" sizes as appropriate for vehicle air line sizes. 5/32" fittings are available as 'push to connect' or compression fittings. 1/8" fittings are available as compression fittings.



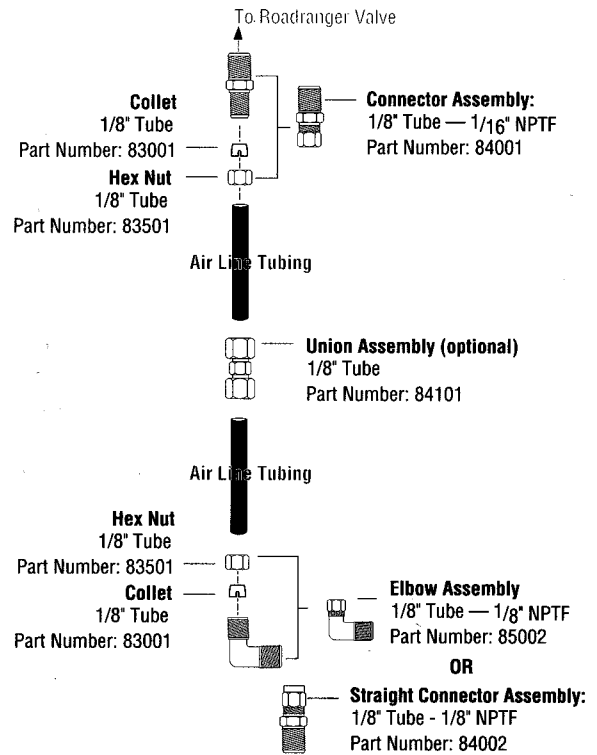
5/32" 'Push-to-Connect' Fittings

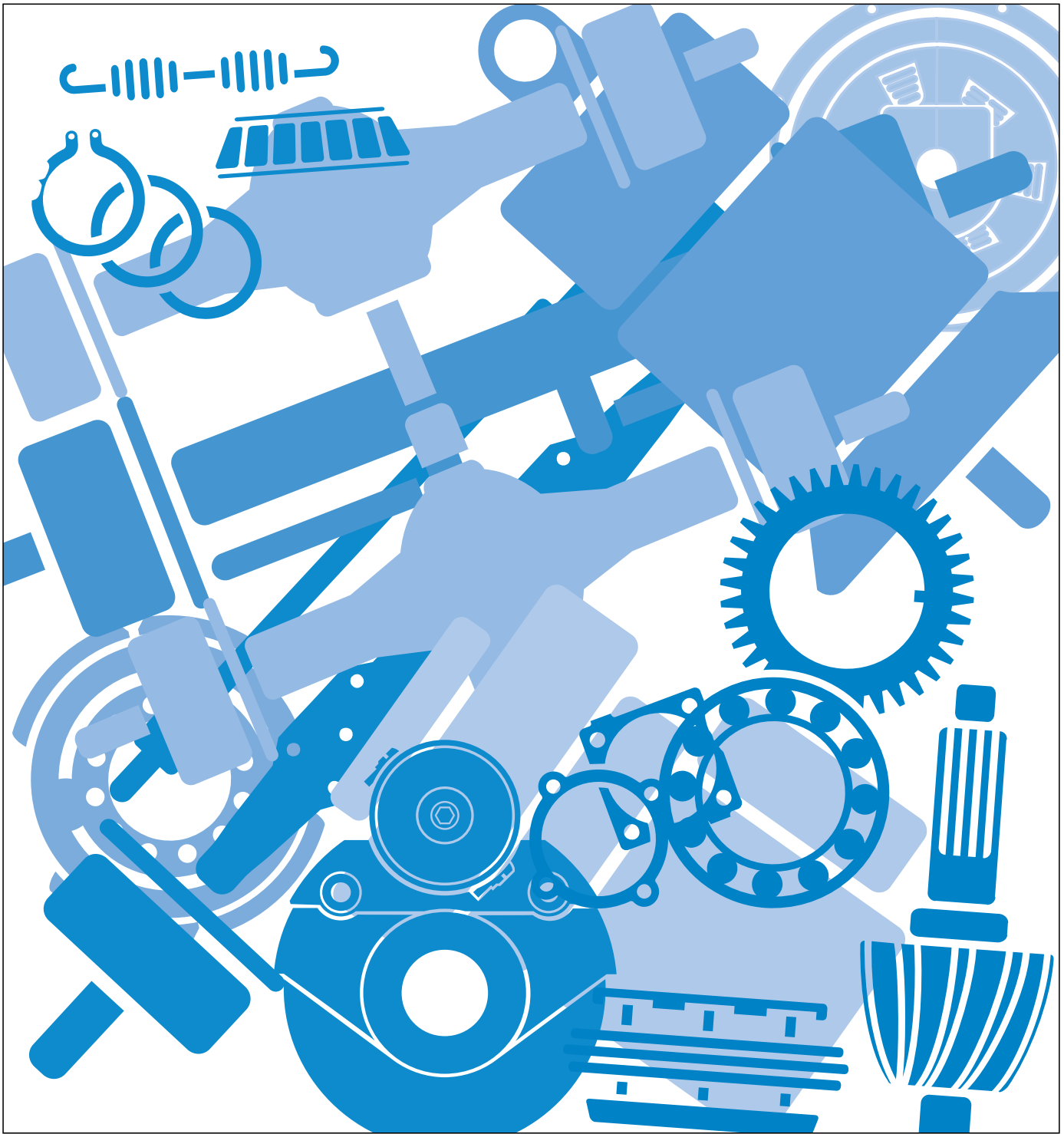


5/32" Compression Fittings



1/8" Compression Fittings





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