



## Eaton Fuller RTO-6610 Transmission Parts Manual

This is Eaton Fuller RTO-6610 Transmission parts manual brought to you by Pro Gear and Transmission to assist you identifying the parts for your Eaton / Fuller transmission unit.

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# Illustrated Parts List

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**RTO-6610**

**November 2012**

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## How To Use The Illustrated Parts List

The information contained in this document is subject to frequent updates. Therefore, for the latest information available, please visit the interactive Electronic Parts Catalog at [www.roadranger.com/epc](http://www.roadranger.com/epc).

### Model Designation or Nomenclature

- For information regarding Model Designation and Nomenclature, visit [www.roadranger.com](http://www.roadranger.com).

### 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).

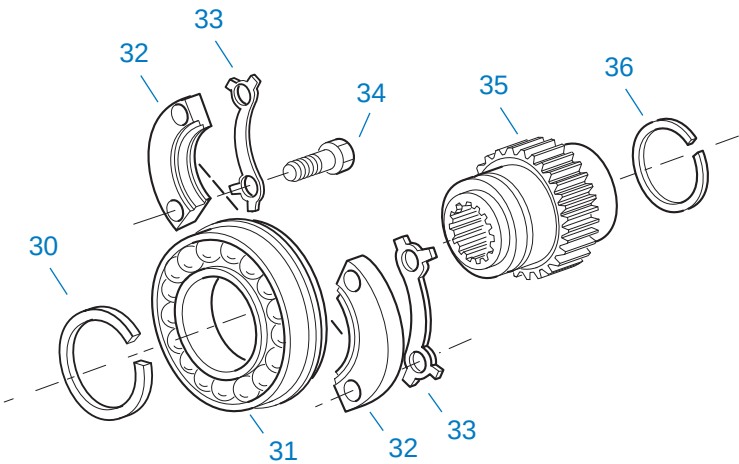
### Illustrations

- 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

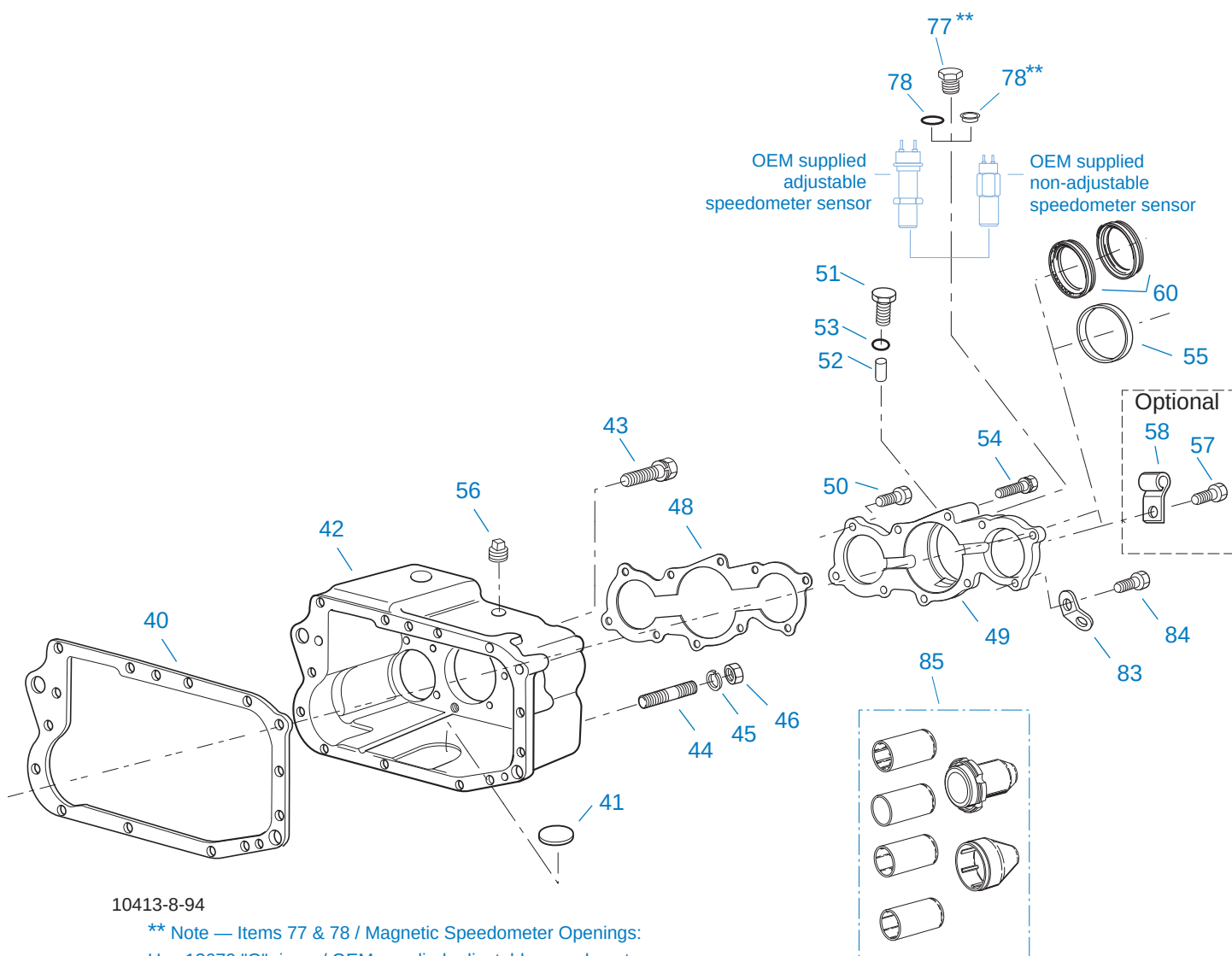
- **Item Number** - corresponding with numbers on illustrations for part identification.
- **Current Part** - identifies part as it is available for service.
- **Description** - specifies part name or description.
- **Replaced Part** - quantity quantity required for assembly.
- **Quantity** - defines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



10485-8-94

AUXILIARY DRIVE GEAR

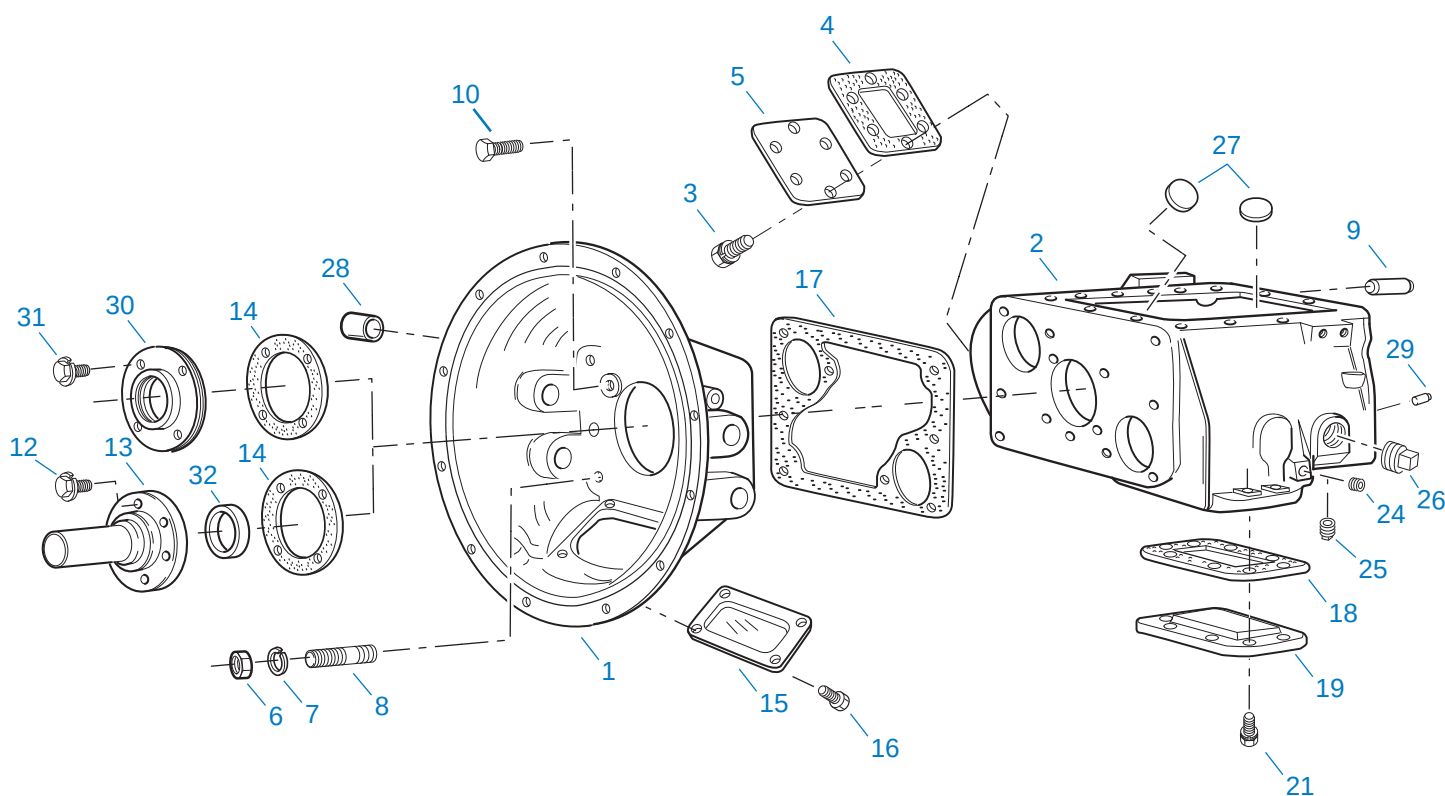
| Item | Current Part | Description          | Replaced Part | Qty. | Notes      | Kits/Assys Where Needed |
|------|--------------|----------------------|---------------|------|------------|-------------------------|
| 30   | 15994        | SNAP RING            |               | 1    |            | K-1512,K-1850           |
| 31   | 81505        | BEARING              |               | 1    |            | K-1850                  |
| 32   | 15981        | RETAINER             |               | 2    |            |                         |
| 33   | 15748        | LOCKWASHER           |               | 2    |            | K-1512,K-1850           |
| 34   | X-8-600      | CAPSCREW             |               | 4    | 3/8"-16X1" |                         |
| 35   | 19305        | AUXILIARY DRIVE GEAR |               | 1    |            |                         |
| 36   | 14993        | SNAP RING            |               | 1    |            | K-1512,K-1850           |



## CASE (AUX)

| Item | Current Part | Description       | Replaced Part                   | Qty. | Notes          | Kits/Assys Where Needed |
|------|--------------|-------------------|---------------------------------|------|----------------|-------------------------|
| 40   | 15061        | GASKET            |                                 | 1    |                | K-1931                  |
| 41   | 14373        | MAGNET            |                                 | 1    |                | S-1261,S-1323           |
| 42   | S-1261       | REAR HOUSING ASSY | 16243 ,17390                    | 1    |                |                         |
| 43   | X-8L-604     | CAPSCREW          |                                 | 8    | 3/8"-16X1-1/4" |                         |
| 43   | X-8L-616     | CAPSCREW          | X 8 616                         | 7    | 3/8"-16X2-3/4" |                         |
| 44   | 12788        | STUD              |                                 | 3    |                |                         |
| 45   | X-10-1005    | WASHER            | X 3 1000 ,X10 1000<br>,X10 1004 | 3    | 1.23 X 6.60    |                         |
| 46   | X-1-1012     | HEX NUT           | X-1-1005                        | 3    | .625-18        |                         |

| Item | Current Part | Description         | Replaced Part                                                  | Qty. | Notes                                                                                               | Kits/Assys Where Needed |
|------|--------------|---------------------|----------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------|-------------------------|
| 48   | 16240        | GASKET              |                                                                | 1    |                                                                                                     | K-1931,S-2148           |
| 49   | S-2148       | REAR BRG COVER ASSY | 16239 ,20633 ,20784 ,20951 ,21527 K - 2171 ,S - 1490 ,S - 1542 | 1    | MECHANICAL & MAGNETIC                                                                               |                         |
| 50   | X-8L-600     | CAPSCREW            |                                                                | 6    | 3/8"-16X1"                                                                                          |                         |
| 51   | 20226        | PLUG-MECHANICAL     | 2237                                                           | 1    |                                                                                                     | S-2148                  |
| 52   | 7992         | BUSHING             |                                                                | 1    |                                                                                                     | S-2148                  |
| 53   | 14142        | -O- RING            |                                                                | 1    |                                                                                                     | K-2079,S-2148           |
| 54   | X-8L-616     | CAPSCREW            | X 8 616                                                        | 4    | 3/8"-16X2-3/4"                                                                                      |                         |
| 55   | 20920        | OIL SEAL            | 15087                                                          | 1    | 3-1/2" I.D.                                                                                         | K-1850,S-2148           |
| 56   | X-12-601     | PIPE PLUG           |                                                                | 1    |                                                                                                     |                         |
| 57   | X-8L-600     | CAPSCREW            |                                                                | 1    | 3/8"-16X1"                                                                                          |                         |
| 58   | 19727        | HOSE CLAMP          |                                                                | 1    |                                                                                                     |                         |
| 60   | K-2262       | OIL SEAL W/SLINGER  | 19109 ,20807 ,20808                                            | 1    | "FOR MECHANICAL COVER"                                                                              |                         |
| 77   | 20224        | PLUG-MAGNETIC       |                                                                | 1    |                                                                                                     | S-2148                  |
| 78   | 13679        | -O- RING            |                                                                | 1    | USE W/OEM SUPPLIED ADJUSTABLE SPEEDOMETER SENSOR NOT TO BE USED WITH 4301954 SEAL                   |                         |
| 78   | 20225        | -O- RING            |                                                                | 1    | USE W/20224 PLUG OR OEM SUPPLIED NON-ADJUSTABLE SPEEDOMETER SENSOR NOT TO BE USED WITH 4301954 SEAL |                         |
| 78   | 4301954      | SENSOR SEAL         |                                                                | 1    | O-RING NOT REQUIRED                                                                                 | S-2148                  |
| 83   | 20815        | LIFTING EYE         | 17105                                                          | 2    |                                                                                                     |                         |
| 84   | X-8L-604     | CAPSCREW            |                                                                | 2    | 3/8"-16X1-1/4"                                                                                      |                         |
| 85   | K-3651       | OIL SEAL TOOL KIT   |                                                                | 1    |                                                                                                     |                         |

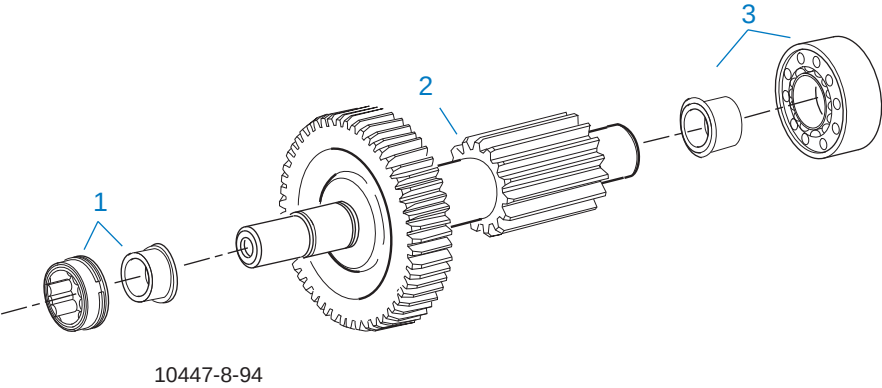


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## CASE (FRONT)

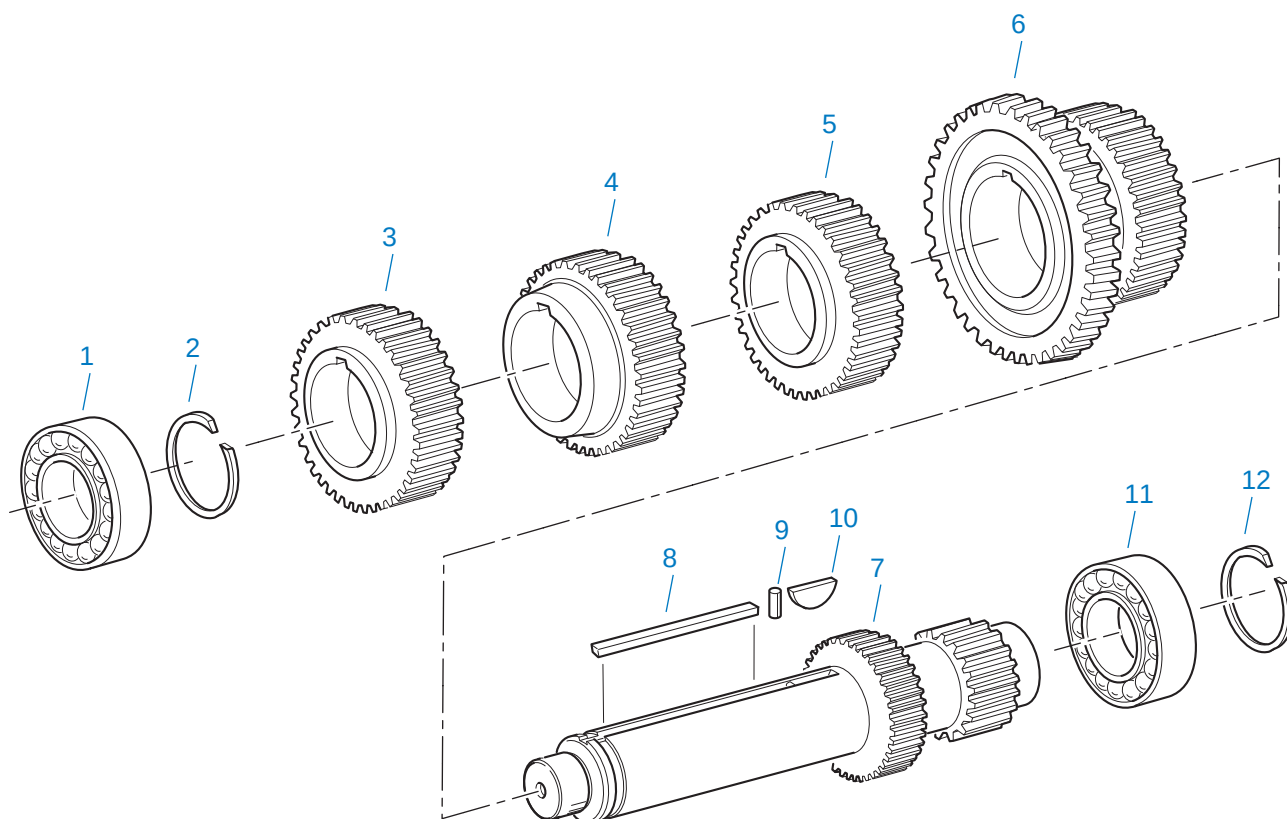
| Item | Current Part | Description         | Replaced Part                | Qty. | Notes                             | Kits/Assys Where Needed |
|------|--------------|---------------------|------------------------------|------|-----------------------------------|-------------------------|
| 1    | A-3711       | CLUTCH HOUSING ASSY |                              | 1    | #2 PUSH-PULL                      |                         |
| 1    | S-1085       | NO LONGER AVAILABLE | 18130                        | 1    | #1 PUSH-PULL                      |                         |
| 2    | S-1323       | NO LONGER AVAILABLE | 16885                        | 1    |                                   |                         |
| 3    | 4304023      | PLUG                | 4303747                      | 1    | 1-1/16" MAGNETIC, O-RING INCLUDED |                         |
| 3    | X-8-686      | CAPSCREW            |                              | 6    | 3/8"-16X3/4"                      |                         |
| 4    | 4305309      | GASKET              | 1684                         | 1    |                                   | K-1931                  |
| 5    | 14575        | PTO COVER           | 4302254                      | 1    |                                   |                         |
| 6    | X-1-1012     | HEX NUT             | X-1-1005                     | 6    | .625-18                           |                         |
| 7    | X-10-1005    | WASHER              | X 3 1000 ,X10 1000 ,X10 1004 | 6    | 1.23 X 6.60                       |                         |
| 8    | 14554        | STUD                | 1632 ,6579                   | 6    | 5/8" X 2-3/16"                    |                         |
| 9    | 14334        | DOWEL               |                              | 2    |                                   |                         |
| 10   | X-8L-808     | CAPSCREW            |                              | 2    | 1/2"-13X1-1/4"                    |                         |

| Item | Current Part | Description     | Replaced Part      | Qty. | Notes                                       | Kits/Assys Where Needed |
|------|--------------|-----------------|--------------------|------|---------------------------------------------|-------------------------|
| 12   | X-8L-604     | CAPSCREW        |                    | 4    | 3/8"-16X1-1/4"                              |                         |
| 13   | 15020        | FRONT BRG COVER |                    | 1    | 1-3/4" SHAFT, 6-7/32" PUSH                  |                         |
| 13   | 15265        | FRONT BRG COVER |                    | 1    | 1-1/2" SHAFT, 7-1/16" PUSH                  |                         |
| 13   | 15491        | FRONT BRG COVER |                    | 1    | 1-1/2" SHAFT, 5-25/32" PUSH                 |                         |
| 13   | 15647        | FRONT BRG COVER |                    | 1    | 1-1/2" SHAFT, 7-1/4" PUSH                   |                         |
| 13   | 15727        | FRONT BRG COVER |                    | 1    | 1-1/2" SHAFT, 6-7/32" PUSH                  |                         |
| 13   | 16277        | FRONT BRG COVER |                    | 1    | 1-1/2" SHAFT, 6-1/4" PUSH                   |                         |
| 14   | 15059        | GASKET          |                    | 1    |                                             | K-1931                  |
| 15   | 14506        | HAND HOLE COVER |                    | 1    | #2 PUSH                                     |                         |
| 15   | 14507        | HAND HOLE COVER |                    | 1    | #2 PULL                                     |                         |
| 15   | 4305230      | HAND HOLE COVER | 11453              | 1    | #1 PULL                                     | A-3711                  |
| 15   | 4305231      | HAND HOLE COVER | 1565               | 1    | #1 PUSH                                     |                         |
| 16   | 239614       | SCREW           | X-8L-509           | 4    | 5/16-18X.81 QUANTITY<br>DEPENDENT ON DESIGN |                         |
| 17   | 15060        | GASKET          |                    | 1    |                                             | K-1931                  |
| 18   | 4305310      | GASKET          | 4302810            | 1    |                                             | K-1931                  |
| 19   | 4302809      | PTO COVER       | 16596 ,4300571     | 1    |                                             |                         |
| 21   | X-8-725      | CAPSCREW        | X 8 724            | 8    | 7/16"-14X7/8"                               |                         |
| 24   | X-12-802     | PIPE PLUG       | X12 800            | 1    | 1/2"                                        |                         |
| 25   | X-12-1207    | PIPE PLUG       | X12 1202 ,X12 1206 | 1    | 3/4" MAGNETIC                               |                         |
| 26   | X-12-2002    | PIPE PLUG       |                    | 1    | 1-1/4"                                      |                         |
| 27   | 14373        | MAGNET          |                    | 2    |                                             | S-1261,S-1323           |
| 28   | 12815        | BUSHING         |                    | 4    |                                             | A-3711                  |
| 29   | 15079        | TUBE            |                    | 2    |                                             | S-1323                  |
| 30   | 15019        | FRONT BRG COVER |                    | 1    | 1-3/4" SHAFT, PULL                          |                         |
| 31   | X-8L-604     | CAPSCREW        |                    | 4    | 3/8"-16X1-1/4"                              |                         |
| 32   | 16020        | OIL SEAL        | F91410             | 1    | USE W/1-1/2" INPUT SHAFTS                   |                         |



COUNTERSHAFT & BRGS(AUX)

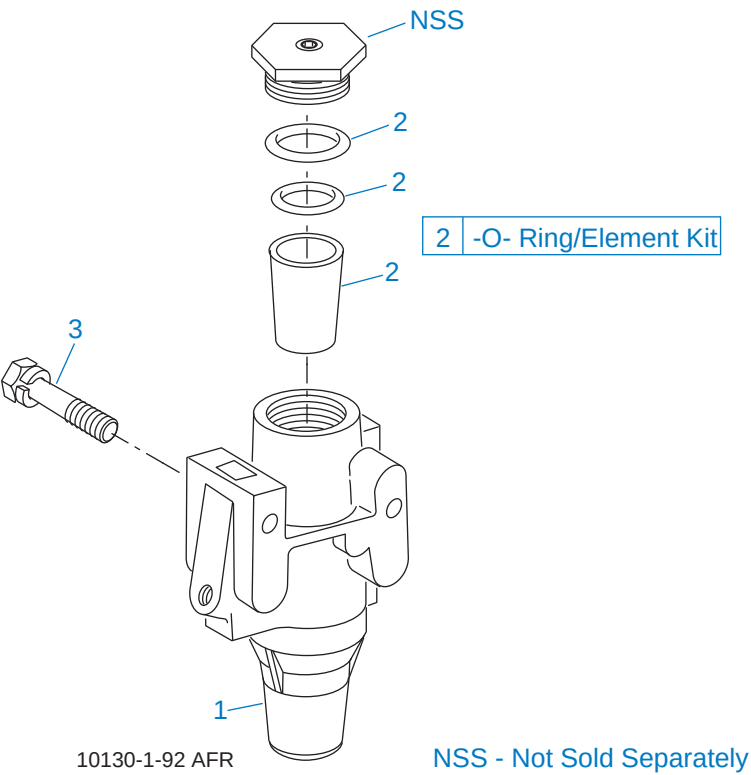
| Item | Current Part | Description         | Replaced Part | Qty. | Notes                 | Kits/Assys Where Needed |
|------|--------------|---------------------|---------------|------|-----------------------|-------------------------|
| 1    | 17553        | BEARING             | 16915         | 2    |                       | K-1850                  |
| 2    | A-4613       | NO LONGER AVAILABLE |               | 2    | C/S 19250 - D/G 19259 |                         |
| 3    | 16244        | BEARING             |               | 2    |                       | K-1850                  |



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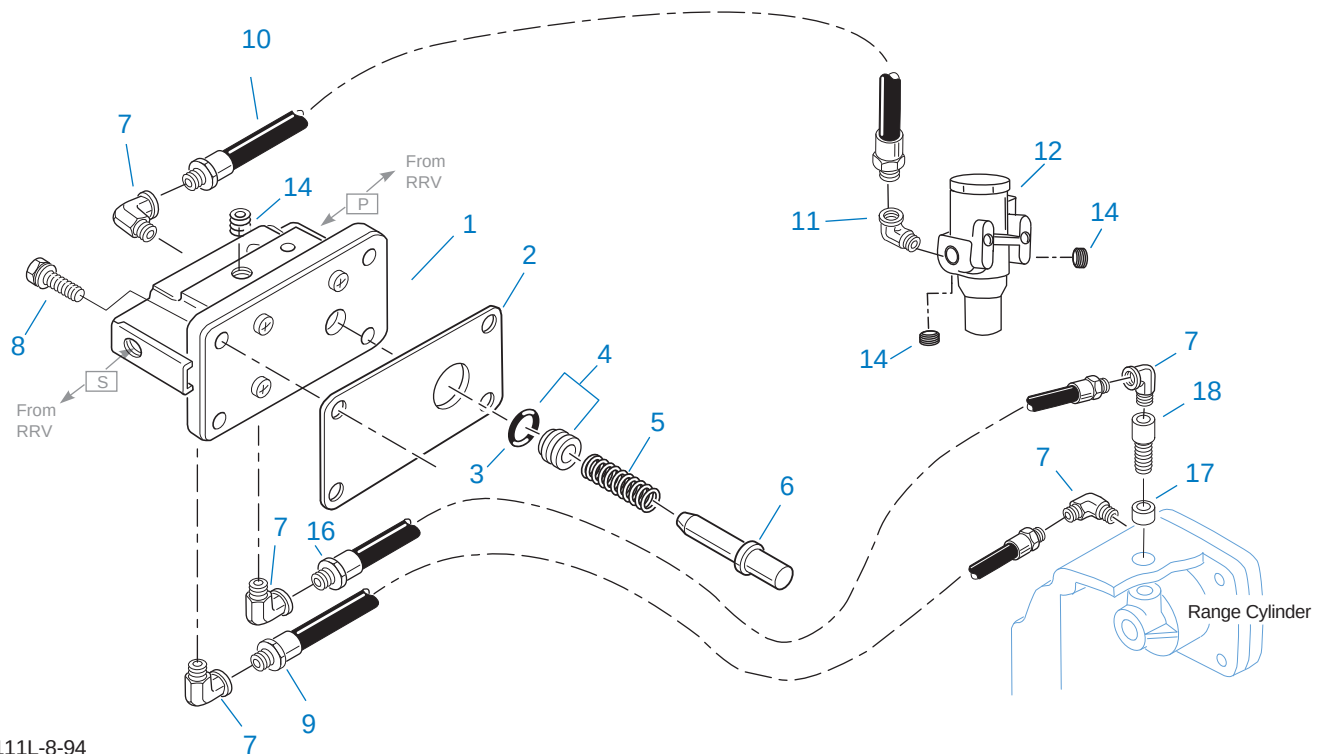
## COUNTERSHAFT ASSY

| Item | Current Part | Description         | Replaced Part | Qty. | Notes                 | Kits/Assys Where Needed |
|------|--------------|---------------------|---------------|------|-----------------------|-------------------------|
| 1    | 18657        | BEARING             | 81045         | 2    |                       | K-1850                  |
| 2    | 14286        | SNAP RING           |               | 2    |                       | K-1512                  |
| 3    | 19299        | DRIVE GEAR-CNTRSHFT |               | 2    |                       |                         |
| 4    | 19300        | OD GEAR-CNTRSHFT    |               | 2    |                       |                         |
| 5    | 19211        | 3RD GEAR-CNTRSHFT   |               | 2    |                       |                         |
| 6    | A-4918       | WELDED GEAR ASSY    | 19212         | 2    | PTO-20166 / 2ND-20168 |                         |
| 7    | 19209        | COUNTERSHAFT        |               | 2    |                       |                         |
| 8    | 16662        | KEY                 |               | 2    |                       |                         |
| 9    | 62511        | ROLL PIN            |               | 2    |                       |                         |
| 10   | X-6-128      | KEY                 |               | 2    | 5/16"X2-1/8"          |                         |
| 11   | 18658        | BEARING             | 81046         | 2    |                       | K-1850                  |
| 12   | 15050        | SNAP RING           |               | 2    |                       | K-1512                  |



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"       |                         |

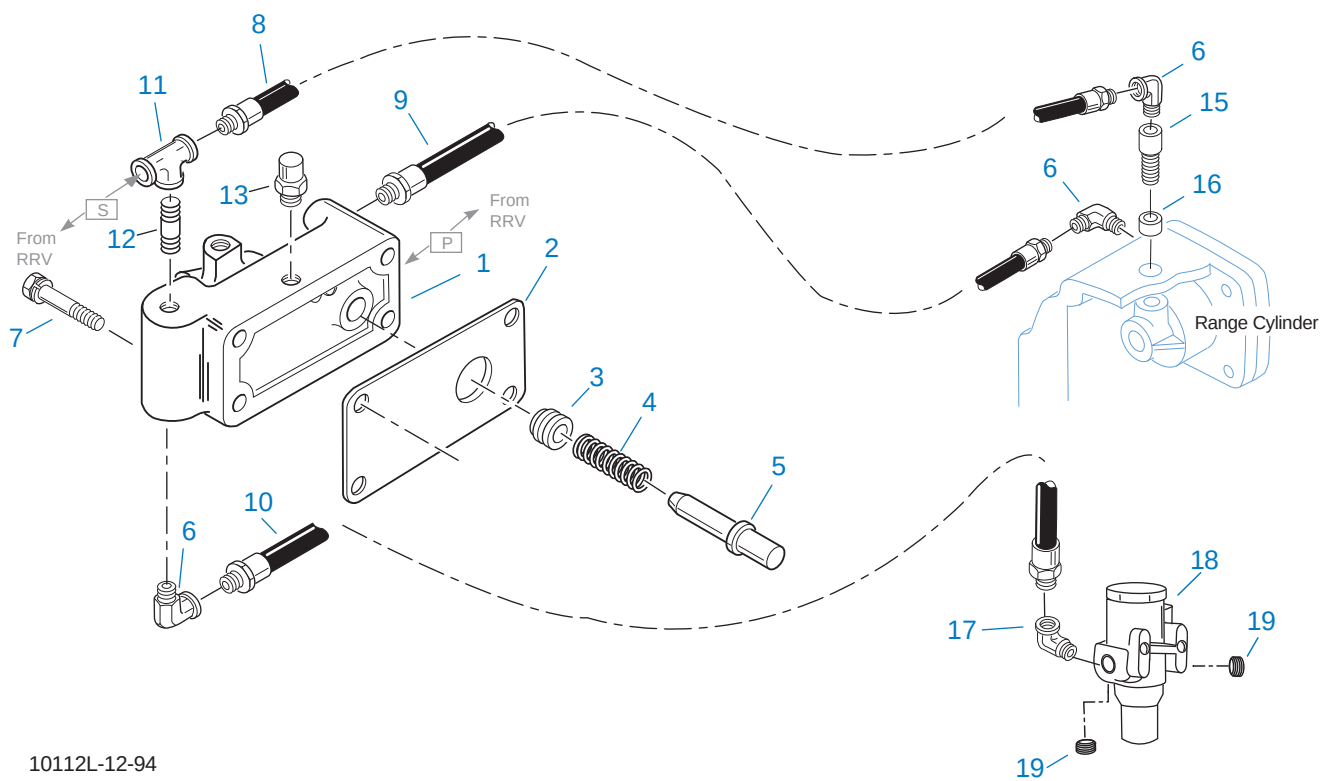


10111L-8-94

## 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-1931,K-2424           |
| 3    | 14142        | -O- RING              |               | 1    |                | K-2079,S-2148           |
| 4    | K-2079       | SLEEVE KIT            | 19570         | 1    |                |                         |
| 5    | 21268        | SPRING                | 19572         | 1    |                | K-1512                  |
| 6    | 20649        | PIN                   |               | 1    |                | K-1512                  |
| 7    | 12845        | ELBOW                 |               | 5    | 1/8"           |                         |
| 8    | X-8C-401     | CAPSCREW              |               | 4    | 1/4"-20X1-1/8" |                         |
| 9    | 55513        | HOSE ASSY             |               | 1    | 12-1/2"        |                         |
| 10   | 55527        | HOSE ASSY             |               | 1    | 15"            |                         |
| 11   | 12880        | ELBOW                 |               | 1    | 1/8"           |                         |
| 12   | A-4740       | FILTER/REGULATOR      | 19600         | 1    |                |                         |
| 14   | X-12-208     | PIPE PLUG             |               | 3    | 1/8" NPT       |                         |
| 16   | 55517        | HOSE ASSY             |               | 1    | 10-1/2"        |                         |
| 17   | 15095        | SEAL                  |               | 1    |                | K-1850                  |

| Item | Current Part | Description | Replaced Part | Qty. | Notes | Kits/Assys Where Needed |
|------|--------------|-------------|---------------|------|-------|-------------------------|
| 18   | 4300330      | ADAPTER     | 15094         | 1    |       |                         |

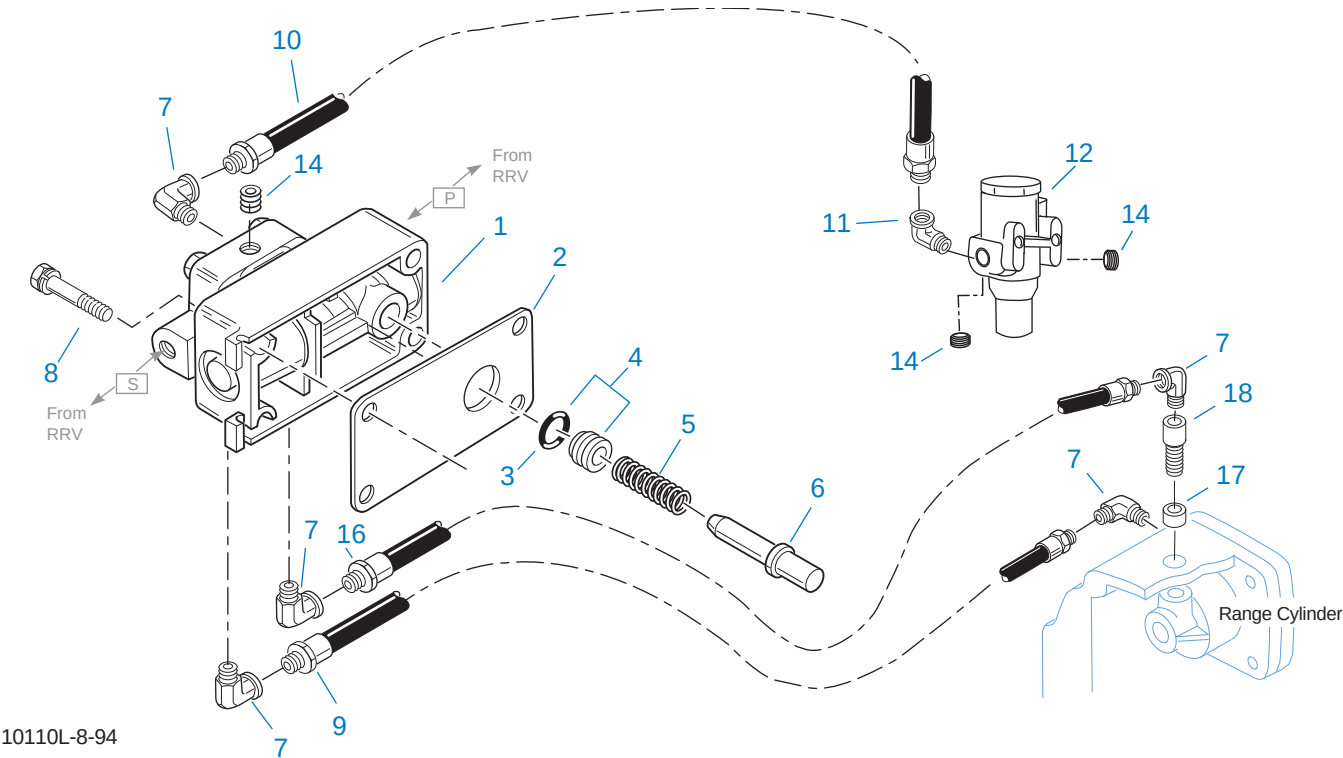


10112L-12-94

## H & C W/A-4688 VALVE

| Item | Current Part | Description      | Replaced Part          | Qty. | Notes          | Kits/Assys Where Needed |
|------|--------------|------------------|------------------------|------|----------------|-------------------------|
| 1    | A-4688       | SLAVE VALVE ASSY | 15125 ,19464 ,A - 3991 | 1    |                |                         |
| 2    | 15758        | GASKET           |                        | 1    |                | K-1699,K-1931           |
| 3    | 12751        | SLEEVE           |                        | 1    |                |                         |
| 4    | 6392         | SPRING           |                        | 1    |                | K-1512,S-1806           |
| 5    | 15102        | PIN              |                        | 1    |                | K-1512                  |
| 6    | 12845        | ELBOW            |                        | 3    | 1/8"           |                         |
| 7    | X-8L-411     | CAPSCREW         | X 8 411                | 4    | 1/4"-20X1-3/4" |                         |
| 8    | 55517        | HOSE ASSY        |                        | 1    | 10-1/2"        |                         |
| 9    | 55513        | HOSE ASSY        |                        | 1    | 12-1/2"        |                         |
| 10   | 55532        | HOSE ASSY        |                        | 1    | 15-1/2"        |                         |
| 11   | 12881        | TEE              |                        | 1    | 1/8"           |                         |
| 12   | 12769        | NIPPLE           |                        | 1    | 1/8"           |                         |
| 13   | X2014210     | BREATHER         | 7935                   | 1    |                |                         |
| 15   | 12751        | SLEEVE           |                        | 1    |                |                         |
| 16   | 15095        | SEAL             |                        | 1    |                | K-1850                  |

| Item | Current Part | Description      | Replaced Part | Qty. | Notes    | Kits/Assys Where Needed |
|------|--------------|------------------|---------------|------|----------|-------------------------|
| 17   | 12845        | ELBOW            |               | 1    | 1/8"     |                         |
| 18   | A-4740       | FILTER/REGULATOR | 19600         | 1    |          |                         |
| 19   | X-12-208     | PIPE PLUG        |               | 2    | 1/8" NPT |                         |

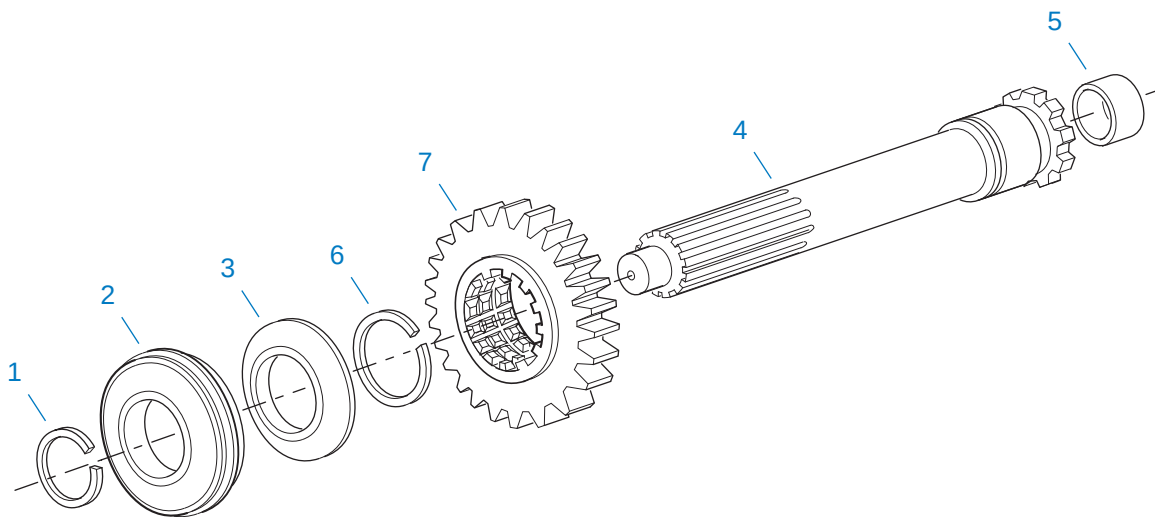


10110L-8-94

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-1931,K-2424           |
| 3    | 14142        | -O- RING         |               | 1    |                | K-2079,S-2148           |
| 4    | K-2079       | SLEEVE KIT       | 19570         | 1    |                |                         |
| 5    | 21268        | SPRING           | 19572         | 1    |                | K-1512                  |
| 6    | 20649        | PIN              |               | 1    |                | K-1512                  |
| 7    | 12845        | ELBOW            |               | 5    | 1/8"           |                         |
| 8    | X-8C-411     | CAPSCREW         |               | 4    | 1/4"-20X1-3/4" |                         |
| 9    | 55513        | HOSE ASSY        |               | 1    | 12-1/2"        |                         |
| 10   | 55527        | HOSE ASSY        |               | 1    | 15"            |                         |
| 11   | 12880        | ELBOW            |               | 1    | 1/8"           |                         |
| 12   | A-4740       | FILTER/REGULATOR | 19600         | 1    |                |                         |
| 14   | X-12-208     | PIPE PLUG        |               | 3    | 1/8" NPT       |                         |
| 16   | 55517        | HOSE ASSY        |               | 1    | 10-1/2"        |                         |
| 17   | 15095        | SEAL             |               | 1    |                | K-1850                  |
| 18   | 4300330      | ADAPTER          | 15094         | 1    |                |                         |

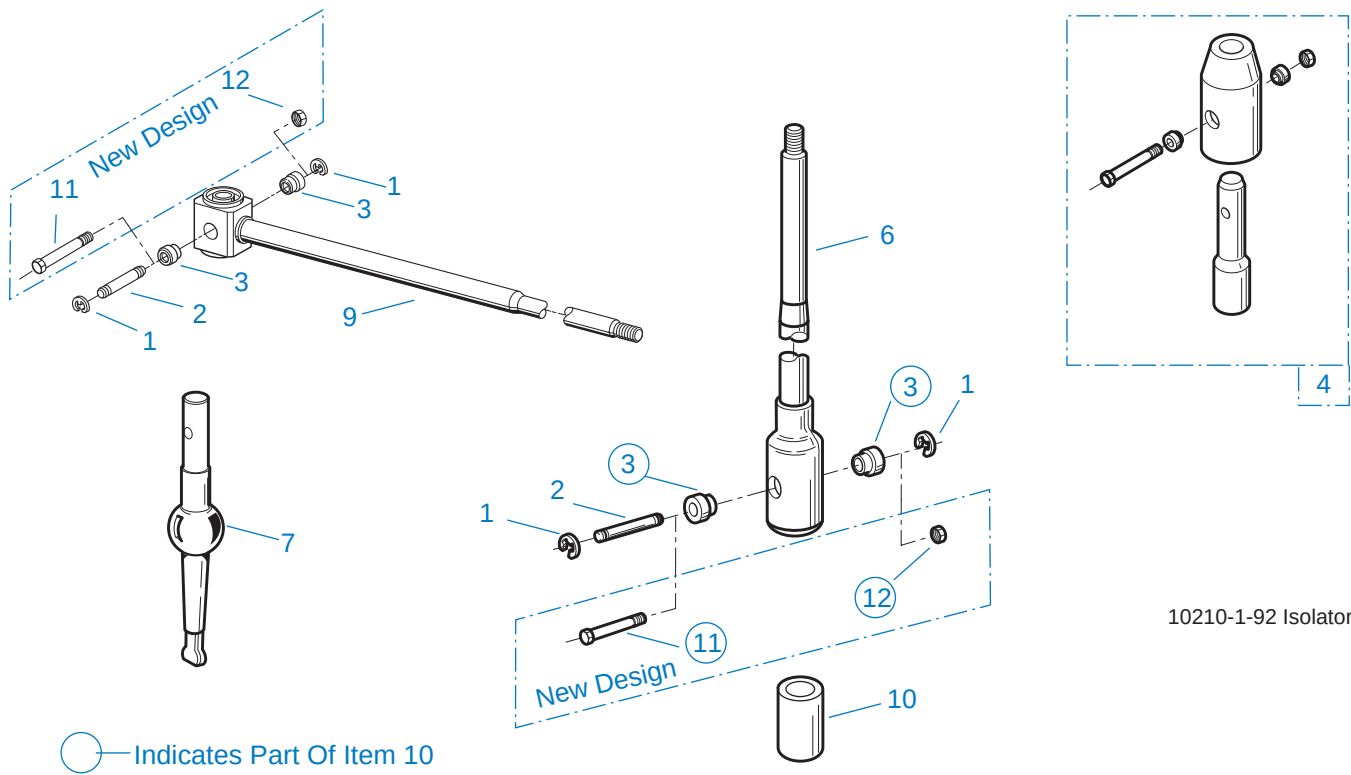




10373-8-94

## INPUT SHAFT & DRIVE GEAR

| Item | Current Part | Description      | Replaced Part       | Qty. | Notes                                  | Kits/Assys Where Needed                          |
|------|--------------|------------------|---------------------|------|----------------------------------------|--------------------------------------------------|
| 1    | 15253        | SNAP RING        |                     | 1    |                                        | K-1850,S-1250,S-1251,S-1252,S-1253,S-1254,S-1255 |
| 2    | 4301863      | BEARING          | 81551               | 1    |                                        | K-1850                                           |
| 3    | 15971        | SPACER           |                     | 1    |                                        |                                                  |
| 4    | S-1250       | INPUT SHAFT ASSY | 16224 ,18260 ,18441 | 1    | 1-3/4" 1.18 DIA. PILOT PUSH            |                                                  |
| 4    | S-1251       | INPUT SHAFT ASSY | 16282 ,18255 ,18442 | 1    | 1-3/4" .98 DIA. PILOT PUSH             |                                                  |
| 4    | S-1252       | INPUT SHAFT ASSY | 16283 ,18261 ,18443 | 1    | 1-1/2" .98 DIA. PILOT 11.42" LONG PUSH |                                                  |
| 4    | S-1253       | INPUT SHAFT ASSY | 16281 ,18262 ,18444 | 1    | 1-3/4" 1.18 DIA. PILOT PULL            |                                                  |
| 4    | S-1254       | INPUT SHAFT ASSY | 16284 ,18263 ,18445 | 1    | 1-1/2" .98 DIA PILOT 12.22" LONG PUSH  |                                                  |
| 4    | S-1255       | INPUT SHAFT ASSY | 16844 ,18264 ,18446 | 1    | 1-3/4" .98 DIA. PILOT PULL             |                                                  |
| 5    | 15977        | BUSHING          |                     | 1    |                                        | K-1850,S-1250,S-1251,S-1252,S-1253,S-1254,S-1255 |
| 6    | 15973        | SNAP RING        |                     | 1    |                                        | K-1850                                           |
| 7    | 21669        | MAIN DRIVE GEAR  |                     | 1    | USE W/21662 SL CLUTCH & 21670 OD GEAR  | K-2019                                           |
| 7    | K-2019       | UPDATE KIT       | 19298               | 1    |                                        |                                                  |



10210-1-92 Isolator

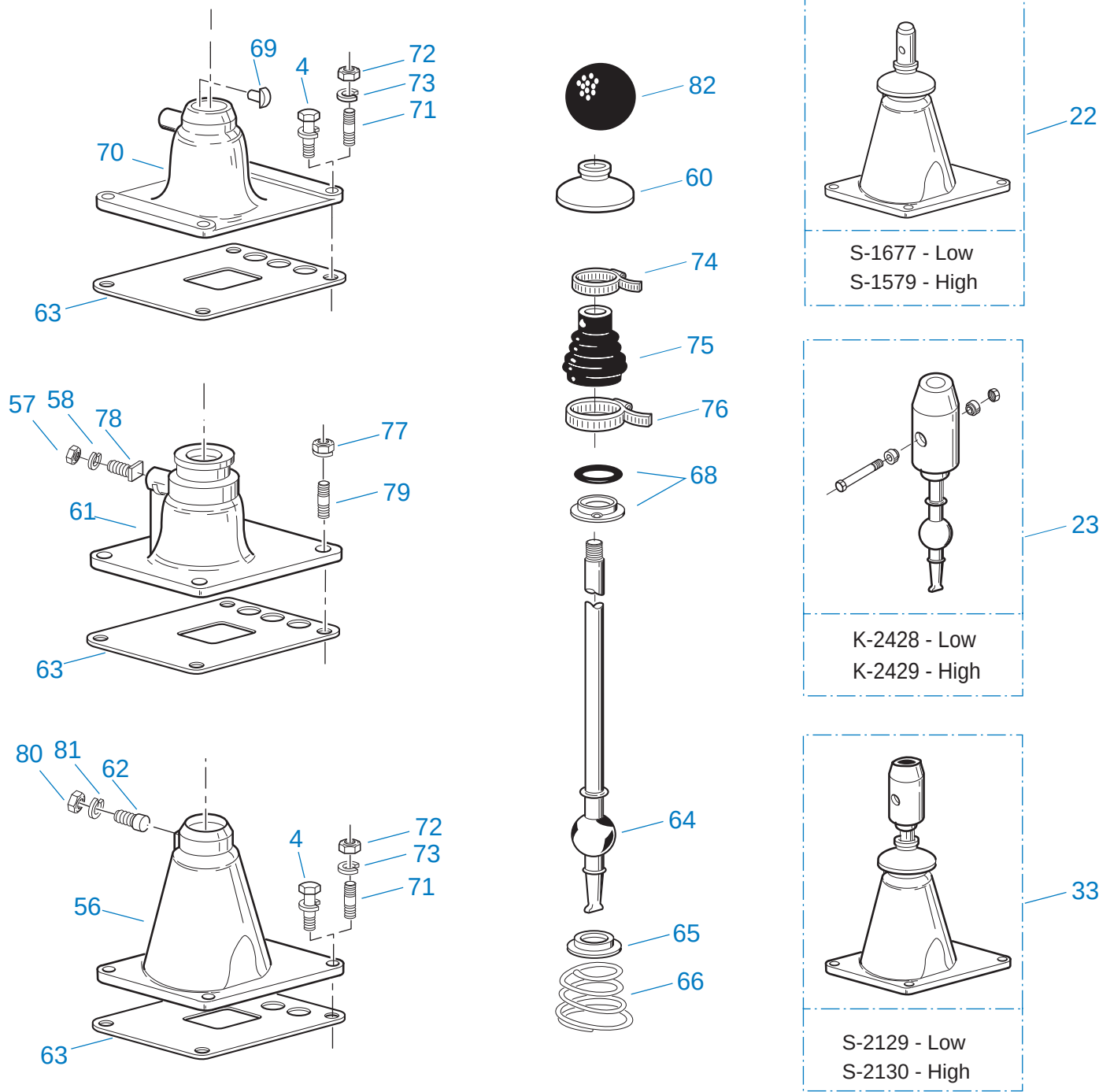
## ISOLATORS

| 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-3399,S-2129,S-2130 |
| 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                      |
| 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                                    |
| 12   | X-9-503      | NUT                  |               | 1    |                 | K-2003                                    |

## KITS & ASSEMBLIES

| Item | Current Part | Description             | Replaced Part                                     | Qty. | Notes                      | Kits/Assys Where Needed |
|------|--------------|-------------------------|---------------------------------------------------|------|----------------------------|-------------------------|
|      | K-1433       | CYLINDER KIT-RANGE      |                                                   | 1    |                            |                         |
|      | K-1476       | SHIFT LEVER HSG         | 4530 ,17163 ,18298 ,4304905 ,A - 4437             | 1    | LOW TOWER                  |                         |
|      | K-1512       | SMALL PARTS KIT         |                                                   | 1    |                            |                         |
|      | K-1566       | VALVE REPAIR KIT        |                                                   | 1    | FOR A-3546 VALVE           |                         |
|      | K-1613       | CAP REPLACEMENT KIT     | 16429 ,18707                                      | 1    | FOR A-4688 VALVE           |                         |
|      | K-1631       | SHIFT LEVER HSG         | 14456 ,17168 ,4304327                             | 1    | LOW                        |                         |
|      | K-1698       | -O- RING/ELEMENT KIT    |                                                   | 1    | FOR FILTER REGULATOR       |                         |
|      | K-1699       | REPAIR KIT-SLAVE VALVE  |                                                   | 1    | FOR A-4688 VALVE           |                         |
|      | K-1850       | BASIC REBUILD KIT       |                                                   | 1    |                            |                         |
|      | K-1921       | MASTER VALVE REPAIR KIT |                                                   | 1    | FOR A-6909 & A-5010 VALVES |                         |
|      | K-1931       | GASKET KIT              |                                                   | 1    |                            | K-1850                  |
|      | K-1935       | REPAIR KIT-SLAVE VALVE  |                                                   | 1    | FOR A-5000 VALVE           |                         |
|      | K-1958       | -O- RING KIT            |                                                   | 1    | FOR RANGE CYLINDER         |                         |
|      | K-2003       | PIN & BUSHING KIT       |                                                   | 1    |                            |                         |
|      | K-2010       | VALVE CONVERSION KIT    |                                                   | 1    | FOR A-5010 VALVE           |                         |
|      | K-2018       | UPDATE KIT              | 19294 ,19295                                      | 1    | RT                         |                         |
|      | K-2019       | UPDATE KIT              | 19298                                             | 1    | RTO                        |                         |
|      | K-2079       | SLEEVE KIT              | 19570                                             | 1    | FOR SLAVE VALVES           |                         |
|      | K-2262       | OIL SEAL W/SLINGER      | 19109 ,20807 ,20808                               | 1    | "FOR MECHANICAL COVER"     |                         |
|      | K-2394       | AIR SYSTEMS TOOL KIT    |                                                   | 1    |                            |                         |
|      | K-2424       | VALVE REPLACEMENT KIT   | 19470                                             | 1    |                            |                         |
|      | K-2428       | LEVER REPLACEMENT KIT   |                                                   | 1    | LOW TOWER                  |                         |
|      | K-2429       | LEVER REPLACEMENT KIT   |                                                   | 1    | HIGH TOWER                 |                         |
|      | K-2444       | SYNCHRONIZER KIT        | K - 1930                                          | 1    |                            |                         |
|      | K-2973       | SHIFT LEVER HSG KIT     | 17166 ,17167 ,4303050 ,4304910 ,K - 1630 K - 1941 | 1    | HIGH TOWER                 |                         |

| Item | Current Part | Description              | Replaced Part                                                  | Qty. | Notes                           | Kits/Assys Where Needed |
|------|--------------|--------------------------|----------------------------------------------------------------|------|---------------------------------|-------------------------|
|      | K-3399       | ISOLATOR BUSHING KIT     | 21244 ,23311                                                   | 1    |                                 |                         |
|      | K-3467       | PIN REPLACEMENT KIT      | 21245                                                          | 1    |                                 |                         |
|      | K-3651       | OIL SEAL TOOL KIT        |                                                                | 1    |                                 |                         |
|      | S-1250       | INPUT SHAFT ASSY         | 16224 ,18260 ,18441                                            | 1    | 1-3/4" PUSH                     |                         |
|      | S-1251       | INPUT SHAFT ASSY         | 16282 ,18255 ,18442                                            | 1    | 1-3/4" PUSH                     |                         |
|      | S-1252       | INPUT SHAFT ASSY         | 16283 ,18261 ,18443                                            | 1    | 1-1/2" PUSH                     |                         |
|      | S-1253       | INPUT SHAFT ASSY         | 16281 ,18262 ,18444                                            | 1    | 1-3/4" PULL                     |                         |
|      | S-1254       | INPUT SHAFT ASSY         | 16284 ,18263 ,18445                                            | 1    | 1-1/2" PUSH                     |                         |
|      | S-1255       | INPUT SHAFT ASSY         | 16844 ,18264 ,18446                                            | 1    | 1-3/4" PULL                     |                         |
|      | S-1261       | REAR HOUSING ASSY        | 16243 ,17390                                                   | 1    |                                 |                         |
|      | S-1516       | CAP ASSY                 | 20851 ,20853                                                   | 1    | FOR A-5000 VALVE                |                         |
|      | S-1794       | ISOLATOR ASSY            |                                                                | 1    |                                 |                         |
|      | S-1806       | SHIFT BAR HSG ASSY (STD) | S - 1476                                                       | 1    | COMPLETE                        |                         |
|      | S-2129       | SHIFT LEVER HSG ASSY     |                                                                | 1    | LOW TOWER                       |                         |
|      | S-2130       | SHIFT LEVER HSG ASSY     | S - 2053                                                       | 1    | HIGH TOWER                      |                         |
|      | S-2148       | REAR BRG COVER ASSY      | 16239 ,20633 ,20784 ,20951 ,21527 K - 2171 ,S - 1490 ,S - 1542 | 1    | MECHANICAL & MAGNETIC           |                         |
|      | S-2543       | ROADRANGER VALVE ASSY    | A - 5043                                                       | 1    | RT - W/SHIFT DIAGRAM MEDALLION  |                         |
|      | S-2544       | ROADRANGER VALVE ASSY    | A - 5045                                                       | 1    | RTO - W/SHIFT DIAGRAM MEDALLION |                         |



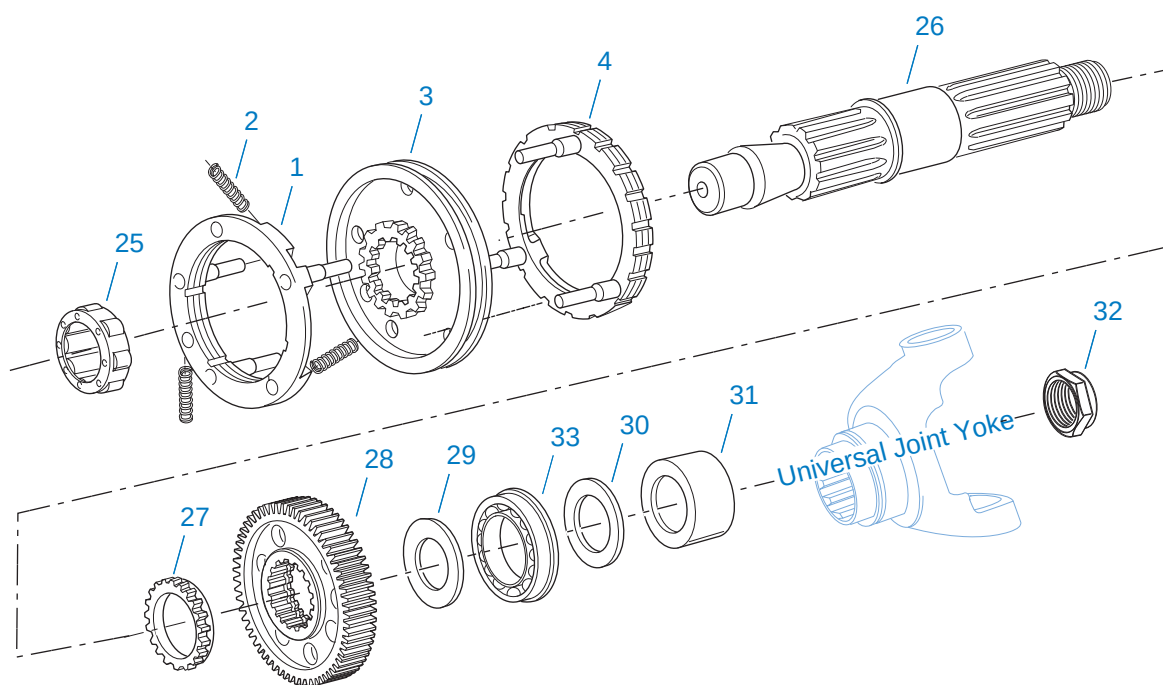
10203-6-94

LEVERS/HOUSINGS

| Item | Current Part | Description           | Replaced Part | Qty. | Notes          | Kits/Assys Where Needed |
|------|--------------|-----------------------|---------------|------|----------------|-------------------------|
| 4    | X-8C-604     | CAPSCREW              |               | 4    | 3/8"-16X1-1/4" |                         |
| 23   | K-2428       | LEVER REPLACEMENT KIT |               | 1    | LOW TOWER      |                         |

| Item | Current Part | Description           | Replaced Part                                     | Qty. | Notes                  | Kits/Assys Where Needed                                                      |
|------|--------------|-----------------------|---------------------------------------------------|------|------------------------|------------------------------------------------------------------------------|
| 23   | K-2429       | LEVER REPLACEMENT KIT |                                                   | 1    | HIGH TOWER             |                                                                              |
| 24   | S-1579       | SHIFT TOWER ASSY      |                                                   | 1    | HIGH TOWER             |                                                                              |
| 24   | S-1677       | SHIFT TOWER ASSY      |                                                   | 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             |                                                                              |
| 56   | K-2973       | SHIFT LEVER HSG KIT   | 17166 ,17167 ,4303050 ,4304910 ,K - 1630 K - 1941 | 1    | HIGH TOWER             |                                                                              |
| 57   | X-1-500      | NUT                   |                                                   | 1    | 5/16"-24               |                                                                              |
| 58   | X-3-500      | LOCKWASHER            |                                                   | 1    | 5/16"                  |                                                                              |
| 60   | 10427        | BOOT                  |                                                   | 1    |                        | K-1476,K-2973,S-1579,S-1677,S-2130                                           |
| 61   | K-1631       | SHIFT LEVER HSG       | 14456 ,17168 ,4304327                             | 1    | LOW, USE W/14795 BOOT  |                                                                              |
| 62   | 6541         | PIN                   |                                                   | 1    | 3/8"                   |                                                                              |
| 63   | 4305294      | GASKET                | 4303431                                           | 1    |                        | K-1476,K-1631,K-1931,K-2428,K-2429,K-2973,S-1579,S-1677,S-1806,S-2129,S-2130 |
| 64   | 17600        | GEAR SHIFT LEVER      |                                                   | 1    | STRAIGHT - LOW 21-1/2" |                                                                              |
| 64   | 18482        | GEAR SHIFT LEVER      |                                                   | 1    | STRAIGHT - HIGH 35"    |                                                                              |
| 65   | 2538         | RETAINER              |                                                   | 1    |                        | K-1476,K-2973,S-1579,S-1677,S-2130                                           |
| 66   | 2536         | SPRING                |                                                   | 1    |                        | K-1476,K-2973,S-1579,S-1677,S-2130                                           |
| 68   | K-3376       | O-RING & WASHER KIT   | 4301211                                           | 1    |                        |                                                                              |
| 69   | 18299        | PIN                   |                                                   | 1    |                        | K-1476,S-1677                                                                |
| 70   | K-1476       | SHIFT LEVER HSG       | 4530 ,17163 ,18298 ,4304905 ,A - 4437             | 1    | LOW TOWER              |                                                                              |
| 71   | 11934        | STUD                  | 7467                                              | 4    |                        |                                                                              |
| 72   | X-1-600      | NUT                   |                                                   | 4    | 3/8"-24-N.F.PLAIN      |                                                                              |
| 73   | X-3-600      | LOCKWASHER            |                                                   | 4    | 3/8"                   |                                                                              |
| 74   | 14453        | CLAMP                 |                                                   | 1    |                        |                                                                              |
| 75   | 14795        | BOOT                  |                                                   | 1    |                        |                                                                              |
| 76   | 14454        | CLAMP                 |                                                   | 1    |                        |                                                                              |
| 77   | X-1-604      | NUT                   |                                                   | 4    | 3/8"-24                |                                                                              |

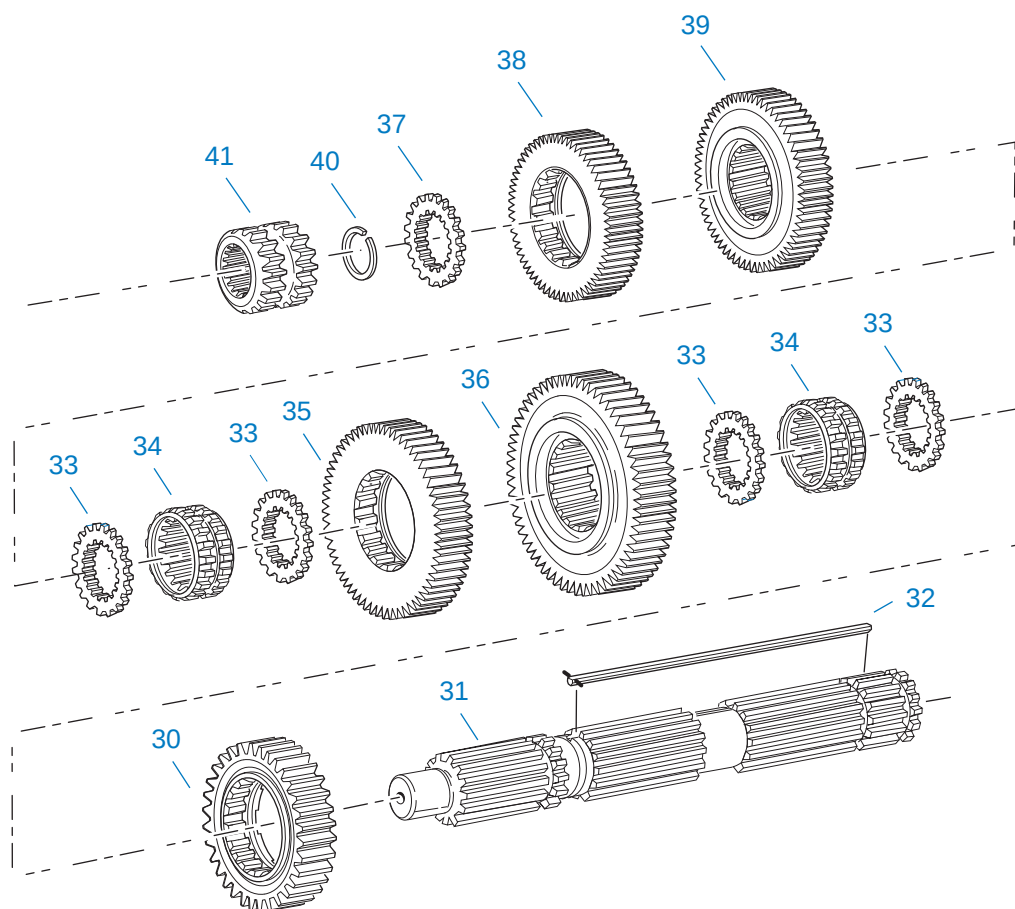
| Item | Current Part | Description         | Replaced Part | Qty. | Notes             | Kits/Assys Where Needed |
|------|--------------|---------------------|---------------|------|-------------------|-------------------------|
| 78   | 14461        | PIN                 |               | 1    |                   |                         |
| 79   | 14236        | NO LONGER AVAILABLE |               | 4    |                   |                         |
| 80   | X-1-600      | NUT                 |               | 1    | 3/8"-24-N.F.PLAIN |                         |
| 81   | X-3-600      | LOCKWASHER          |               | 1    | 3/8"              |                         |
| 82   | 17560        | LEVER GRIP          |               | 1    | 1/2"-13           |                         |



10432-8-94

## MAINSHAFT & SYNCHRO(AUX)

| Item | Current Part | Description       | Replaced Part | Qty. | Notes              | Kits/Assys Where Needed |
|------|--------------|-------------------|---------------|------|--------------------|-------------------------|
| 1    | A-6112       | SYNCHRONIZER ASSY | A - 4982      | 1    | HI RANGE           | K-2444                  |
| 2    | 14897        | SPRING            |               | 3    |                    | K-1512,K-1850,K-2444    |
| 3    | 16241        | SLIDING CLUTCH    |               | 1    |                    |                         |
| 4    | A-6114       | SYNCHRONIZER ASSY | A - 4983      | 1    | LO RANGE           | K-2444                  |
| 25   | 15982        | BEARING           |               | 1    |                    | K-1850                  |
| 26   | 20835        | MAINSHAFT         | 18666         | 1    |                    |                         |
| 27   | 16247        | WASHER            |               | 1    |                    | K-1512                  |
| 28   | 19208        | REDUCTION GEAR    | 16246         | 1    |                    |                         |
| 29   | 15086        | WASHER            |               | 1    |                    | K-1512                  |
| 30   | 5946         | WASHER            |               | 1    |                    | K-1512                  |
| 31   | 6162         | SPACER            |               | 1    | SPEEDO REPLACEMENT |                         |
| 32   | 12128        | NUT               |               | 1    |                    |                         |
| 33   | 81029        | BEARING           |               | 1    |                    | K-1850                  |



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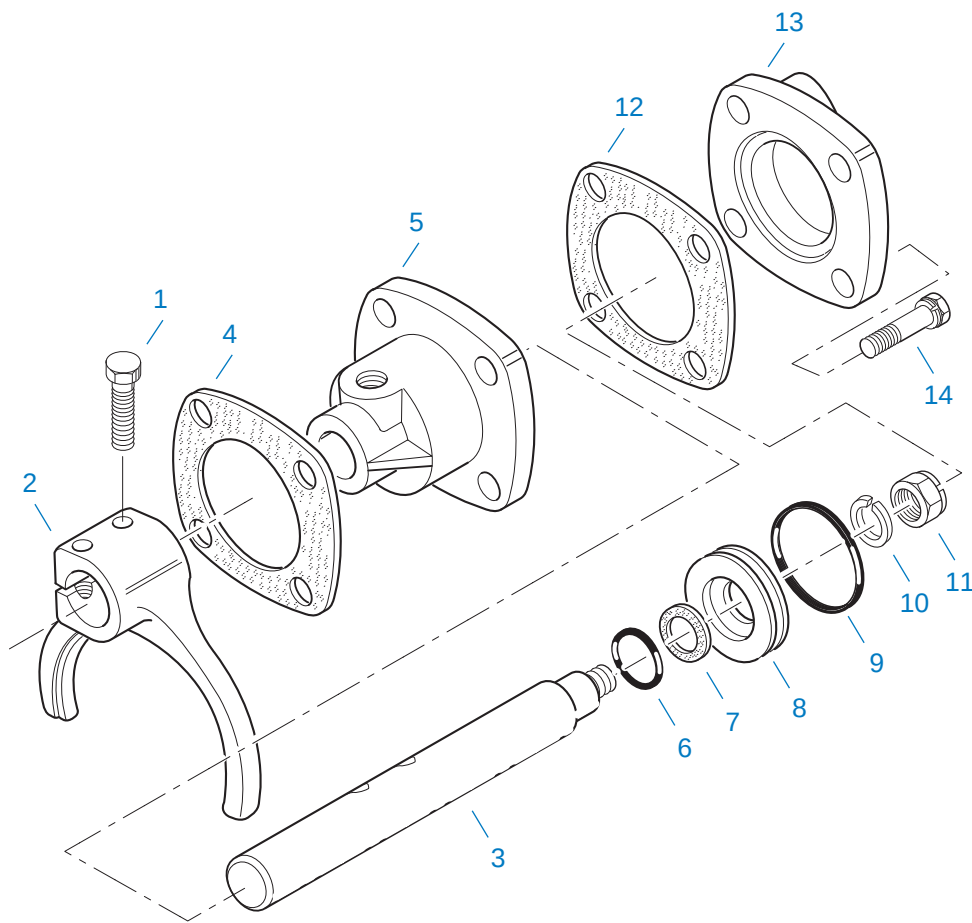
## MAINSHAFT ASSY

| Item | Current Part | Description             | Replaced Part | Qty. | Notes | Kits/Assys Where Needed |
|------|--------------|-------------------------|---------------|------|-------|-------------------------|
| 30   | 16227        | REVERSE GEAR-MAINSHAFT  |               | 1    |       |                         |
| 31   | 18665        | MAINSHAFT               |               | 1    |       |                         |
| 32   | A-3990       | KEY & PIN ASSY          |               | 1    |       |                         |
| 33   | 15446        | WASHER .259-.261 ORANGE |               | 4    |       | K-1512                  |
| 33   | 17259        | WASHER .264-.266 PURPLE |               | 4    |       | K-1512                  |
| 33   | 17260        | WASHER .269-.271 YELLOW |               | 4    |       | K-1512                  |
| 33   | 17261        | WASHER .274-.276 BLACK  |               | 4    |       |                         |
| 33   | 17262        | WASHER .279-.281 RED    |               | 4    |       |                         |
| 34   | 16226        | SLIDING CLUTCH          |               | 2    |       |                         |
| 35   | 19206        | 2ND GEAR-MAINSHAFT      |               | 1    |       |                         |

| Item | Current Part | Description                | Replaced Part | Qty. | Notes                      | Kits/Assys Where Needed |
|------|--------------|----------------------------|---------------|------|----------------------------|-------------------------|
| 36   | 19205        | 1ST GEAR-MAINSHAFT         |               | 1    |                            |                         |
| 37   | 15976        | WASHER .259-.261<br>ORANGE |               | 1    |                            |                         |
| 37   | 17434        | WASHER .263-.265<br>PURPLE |               | 1    |                            |                         |
| 37   | 17435        | WASHER .268-.270<br>YELLOW |               | 1    |                            |                         |
| 37   | 17436        | WASHER .273-.275<br>BLACK  |               | 1    |                            |                         |
| 37   | 17437        | WASHER .278-.280 RED       |               | 1    |                            |                         |
| 37   | 21664        | WASHER .259-.261<br>ORANGE |               | 1    | USE W/21662 SLIDING CLUTCH | K-2018,K-2019           |
| 37   | 21665        | WASHER .263-.265<br>PURPLE |               | 1    | USE W/21662 SLIDING CLUTCH | K-2018,K-2019           |
| 37   | 21666        | WASHER .268-.270<br>YELLOW |               | 1    | USE W/21662 SLIDING CLUTCH |                         |
| 37   | 21667        | WASHER .273-.275<br>BLACK  |               | 1    | USE W/21662 SLIDING CLUTCH |                         |
| 37   | 21668        | WASHER .278-.280 RED       |               | 1    | USE W/21662 SLIDING CLUTCH |                         |
| 38   | 21670        | OD GEAR-MAINSHAFT          |               | 1    | USE W/21662 SLIDING CLUTCH | K-2019                  |
| 38   | K-2019       | UPDATE KIT                 | 19298         | 1    |                            |                         |
| 39   | 19207        | 3RD GEAR-MAINSHAFT         |               | 1    |                            |                         |
| 40   | 15980        | SNAP RING                  |               | 1    |                            | K-1512,K-1850           |
| 41   | 18439        | SLIDING CLUTCH             |               | 1    |                            |                         |
| 41   | 21662        | SLIDING CLUTCH             |               | 1    | USE W/21670 OD GEAR        | K-2018,K-2019           |

## MISCELLANEOUS

| Item | Current Part | Description         | Replaced Part | Qty. | Notes                            | Kits/Assys Where Needed                   |
|------|--------------|---------------------|---------------|------|----------------------------------|-------------------------------------------|
|      | 18683        | WARNING LABEL       |               | 1    |                                  |                                           |
|      | 19064        | WARNING LABEL       |               | 1    |                                  |                                           |
|      | 20400        | SHIFT DIAGRAM LABEL | 19301         | 1    | RT                               |                                           |
|      | 20401        | SHIFT DIAGRAM LABEL | 19302 ,88536  | 1    | RTO                              |                                           |
|      | 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)   |                                           |
|      | 71206        | SILICONE LUBE       |               | 1    | 4 CC (SINGLE APPLICATION SIZE)   | K-1433,K-1566,K-1699,K-1958,K-2428,K-2429 |

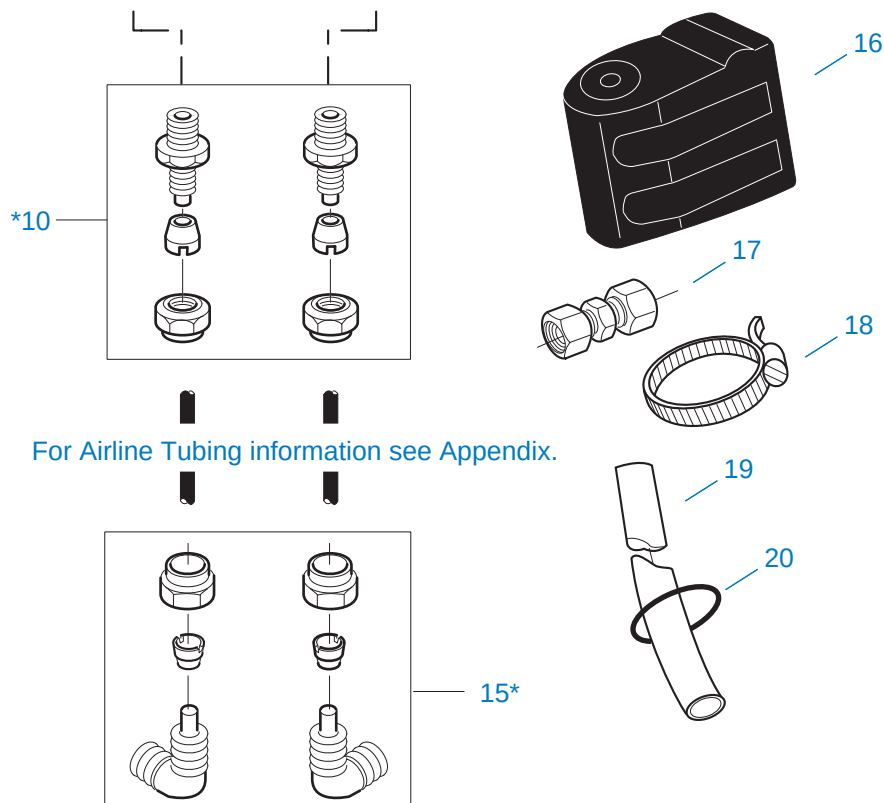
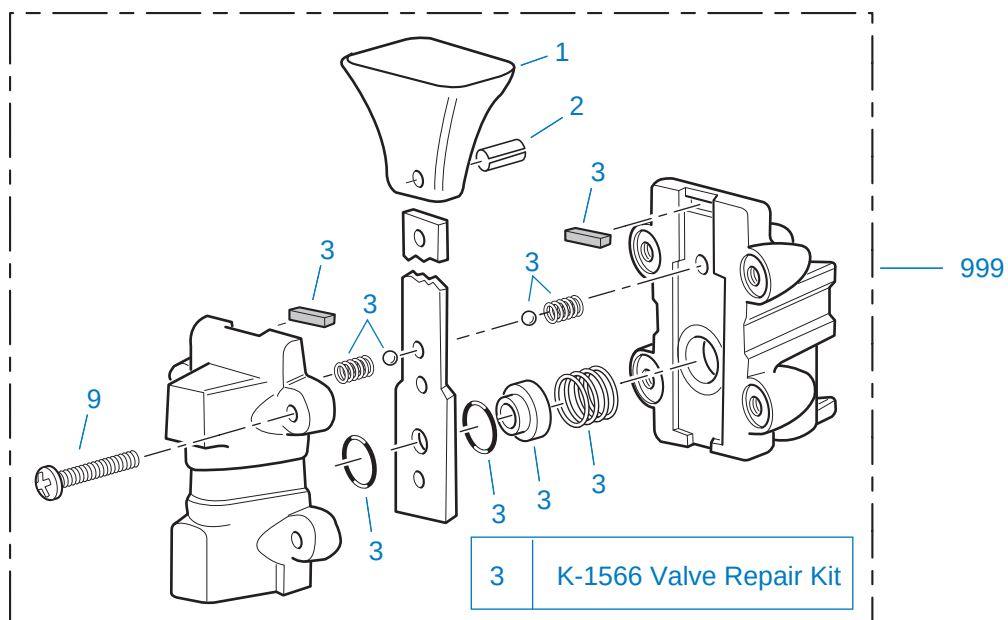


11460-8-94

## RANGE CYLINDER

| Item | Current Part | Description        | Replaced Part | Qty. | Notes          | Kits/Assys Where Needed |
|------|--------------|--------------------|---------------|------|----------------|-------------------------|
| 1    | X-7-656      | CAPSCREW           | X 7 628       | 2    | 3/8"-24X1-1/2" |                         |
| 2    | 15088        | SHIFT YOKE         |               | 1    |                |                         |
| 3    | 16242        | YOKE BAR           |               | 1    |                |                         |
| 4    | 15062        | GASKET             |               | 1    |                | K-1433,K-1931           |
| 5    | 15017        | AUXILIARY CYLINDER |               | 1    |                | K-1433                  |
| 6    | 15093        | -O- RING           |               | 1    |                | K-1433,K-1850,K-1958    |
| 7    | 15091        | GASKET             |               | 1    |                | K-1433,K-1931           |
| 8    | 15090        | PISTON             |               | 1    |                | K-1433                  |
| 9    | 4300329      | -O- RING           | 15092         | 1    |                | K-1433,K-1850,K-1958    |
| 10   | X-3-801      | LOCKWASHER         |               | 1    | 1/2"           |                         |
| 11   | X-1-800      | NUT                |               | 1    | 1/2"-20        |                         |

| Item | Current Part | Description    | Replaced Part | Qty. | Notes          | Kits/Assys Where Needed |
|------|--------------|----------------|---------------|------|----------------|-------------------------|
| 12   | 15659        | GASKET         |               | 1    |                | K-1433,K-1931           |
| 13   | 19598        | CYLINDER COVER |               | 1    |                |                         |
| 14   | X-8L-602     | CAPSCREW       |               | 4    | 3/8"-16X1-1/2" |                         |



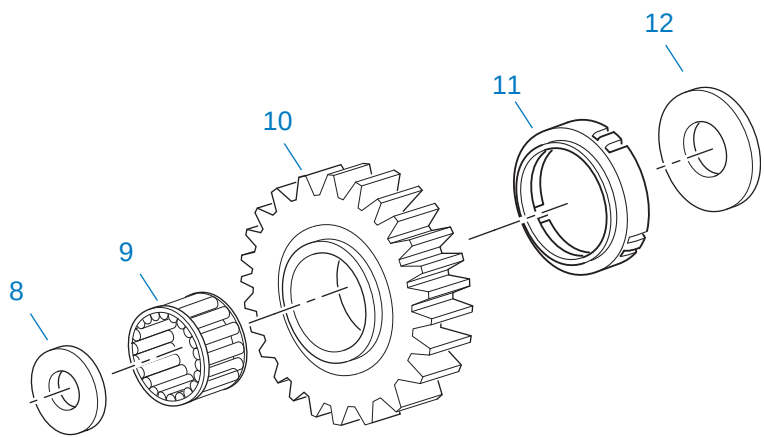
\*For Connector and Elbow Assy component information see Appendix

10099-5/93 AV

## RANGE VALVE

| Item | Current Part | Description | Replaced Part | Qty. | Notes | Kits/Assys Where Needed |
|------|--------------|-------------|---------------|------|-------|-------------------------|
|------|--------------|-------------|---------------|------|-------|-------------------------|

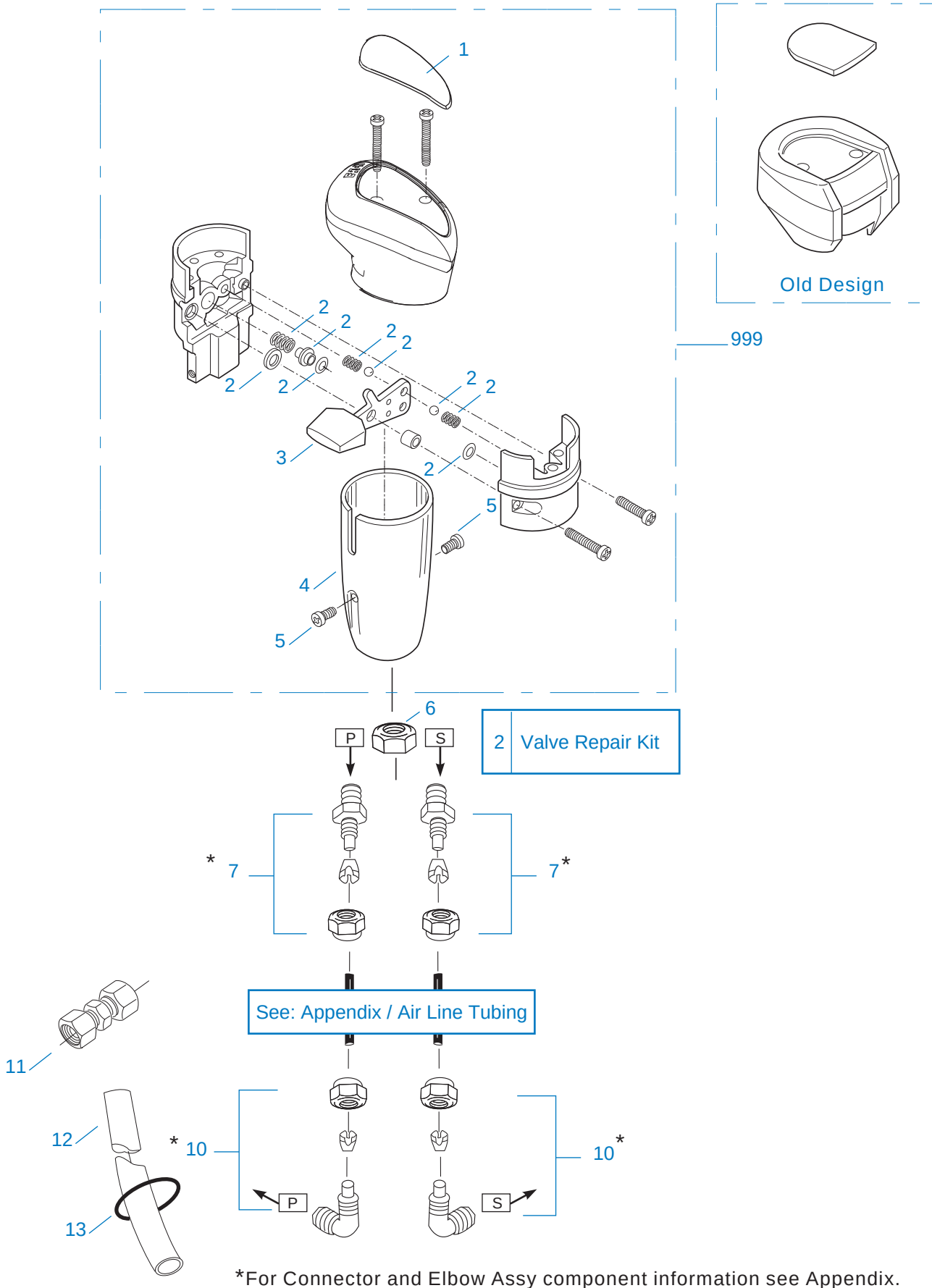
| Item | Current Part | Description            | Replaced Part       | Qty. | Notes                                  | Kits/Assys Where Needed |
|------|--------------|------------------------|---------------------|------|----------------------------------------|-------------------------|
| 1    | 15120        | KNOB                   |                     | 1    |                                        | A-3546                  |
| 2    | 62512        | ROLL PIN               |                     | 1    |                                        | A-3546                  |
| 3    | K-1566       | VALVE REPAIR KIT       |                     | 1    | FOR A-3546 VALVE                       |                         |
| 9    | X-13-214     | SCREW                  |                     | 4    | 8-32X3/4"                              |                         |
| 10   | 84002        | CONNECTOR ASSY         | 82502               | 2    | 1/8" TUBE-1/8" NPTF                    |                         |
| 10   | 84004        | CONNECTOR ASSY         | 82504               | 2    | 5/32" TUBE-1/8" NPTF                   |                         |
| 10   | 84006        | CONNECTOR ASSY         |                     | 2    | "PUSH-TO-CONNECT" 5/32" TUBE-1/8" NPTF | K-2010                  |
| 15   | 85001        | ELBOW ASSY             | 84501               | 2    | 5/32" TUBE-1/8" NPTF                   |                         |
| 15   | 85002        | ELBOW ASSY             | 84502               | 2    | 1/8" TUBE-1/8" NPTF                    |                         |
| 15   | 85003        | ELBOW ASSY             |                     | 2    | "PUSH-TO-CONNECT" 5/32" TUBE-1/8" NPTF | K-2010                  |
| 16   | 18905        | NO LONGER AVAILABLE    |                     | 1    |                                        |                         |
| 17   | 84101        | UNION ASSY             |                     | 1    | 1/8" TUBING                            |                         |
| 17   | 84102        | UNION ASSY             |                     | 1    | 5/32" TUBING                           |                         |
| 17   | 84103        | UNION ASSY             |                     | 1    | "PUSH-TO-CONNECT" 5/32" TUBING         | K-2010                  |
| 18   | 14441        | CLAMP                  | 14465               | 1    |                                        |                         |
| 19   | 80120        | SHEATHING (50 FT ROLL) |                     | 1    | 5/32" - BLACK 50'                      |                         |
| 20   | 13571        | -O- RING CLAMP         |                     | 2    |                                        |                         |
| 999  | A-3546       | RANGE VALVE ASSY       | 18268 ,18269 ,18272 | 1    |                                        |                         |



10388-1-95

REVERSE IDLER

| Item | Current Part | Description         | Replaced Part | Qty. | Notes | Kits/Assys Where Needed |
|------|--------------|---------------------|---------------|------|-------|-------------------------|
| 8    | 15078        | WASHER              |               | 2    |       |                         |
| 9    | 15045        | BEARING             |               | 2    |       | K-1850                  |
| 10   | 16234        | IDLER GEAR          |               | 2    |       |                         |
| 11   | 15134        | NO LONGER AVAILABLE |               | 2    |       |                         |
| 12   | 15169        | WASHER              |               | 2    |       |                         |

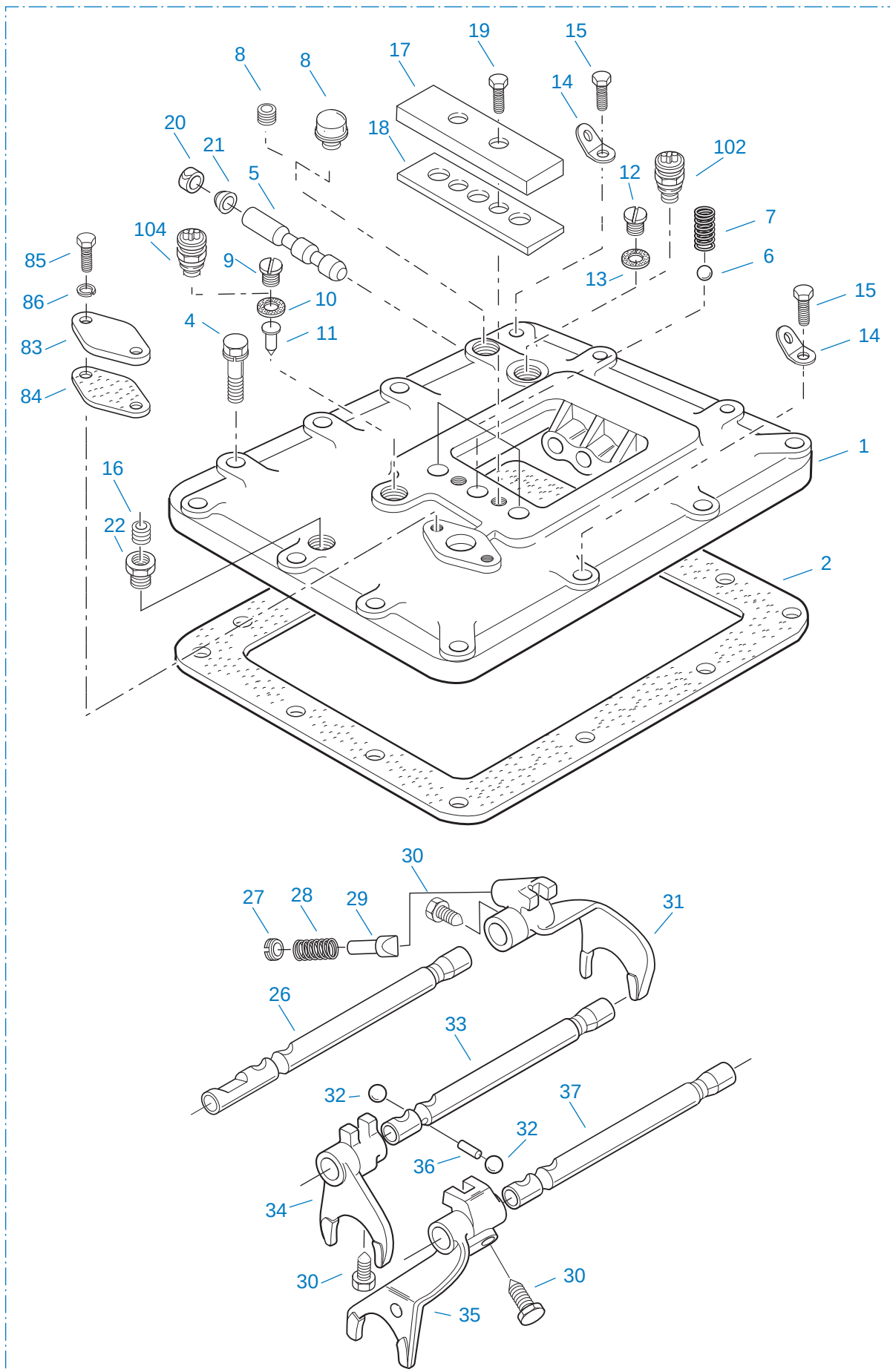


\*For Connector and Elbow Assy component information see Appendix.

## ROADRANGER VALVE

| Item | Current Part | Description             | Replaced Part     | Qty. | Notes                                 | Kits/Assys Where Needed |
|------|--------------|-------------------------|-------------------|------|---------------------------------------|-------------------------|
| 1    | 20107        | MEDALLION, LOGO         |                   | 1    | (OLD DESIGN) FULLER LOGO ONLY         |                         |
| 1    | 5586100      | MEDALLION, LOGO         |                   | 1    | (LATEST DESIGN) FULLER LOGO ONLY      | A-6909                  |
| 1    | 5586106      | SHIFT DIAGRAM MEDALLION |                   | 1    | RT                                    | S-2543                  |
| 1    | 5586107      | SHIFT DIAGRAM MEDALLION |                   | 1    | RTO                                   | S-2544                  |
| 2    | K-1921       | MASTER VALVE REPAIR KIT |                   | 1    | FOR A-6909 & A-5010 VALVES            |                         |
| 3    | 20495        | LEVER                   |                   | 1    |                                       | A-6909                  |
| 4    | 20112        | COVER                   |                   | 1    |                                       | A-6909                  |
| 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             | 2    | 1/8"TUBE-1/16"NPTF                    |                         |
| 7    | 84003        | CONNECTOR ASSY          | 82503             | 2    | 5/32"TUBE-1/16"NPTF                   |                         |
| 7    | 84005        | CONNECTOR ASSY          |                   | 2    | "PUSH-TO-CONNECT" 5/32"TUBE-1/16"NPTF | K-2010                  |
| 10   | 85001        | ELBOW ASSY              | 84501             | 2    | 5/32"TUBE-1/8"NPTF                    |                         |
| 10   | 85002        | ELBOW ASSY              | 84502             | 2    | 1/8"TUBE-1/8"NPTF                     |                         |
| 10   | 85003        | ELBOW ASSY              |                   | 2    | "PUSH-TO-CONNECT" 5/32"TUBE-1/8"NPTF  | K-2010                  |
| 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        | K-2010                  |
| 12   | 80120        | SHEATHING (50 FT ROLL)  |                   | 1    | 5/32" - BLACK 50'                     |                         |
| 13   | 13571        | -O- RING CLAMP          |                   | 1    |                                       |                         |
| 999  | A-6909       | ROADRANGER VALVE ASSY   | A - 5010 A - 5310 | 1    | STANDARD-W/LOGO                       | K-2010                  |
| 999  | S-2543       | ROADRANGER VALVE ASSY   | A - 5043          | 1    | RT - W/SHIFT DIAGRAM MEDALLION        |                         |
| 999  | S-2544       | ROADRANGER VALVE ASSY   | A - 5045          | 1    | RTO - W/SHIFT DIAGRAM MEDALLION       |                         |





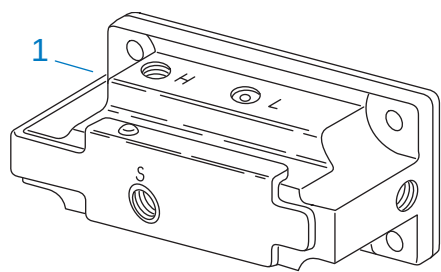
999

## SHIFT BAR HOUSING (STD)

| Item | Current Part | Description         | Replaced Part                                                          | Qty. | Notes                                                            | Kits/Assys Where Needed |
|------|--------------|---------------------|------------------------------------------------------------------------|------|------------------------------------------------------------------|-------------------------|
| 1    | S-1805       | NO LONGER AVAILABLE | 15888 ,17393 ,18196 ,19447 ,20311 4300409 ,4300410 ,S - 1362 ,S - 1442 | 1    | HOUSING ONLY                                                     |                         |
| 2    | 15605        | GASKET              |                                                                        | 1    |                                                                  | K-1931,S-1806           |
| 4    | 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 |                         |
| 5    | 20332        | AIR VALVE SHAFT     | 17177                                                                  | 1    |                                                                  | S-1806                  |
| 6    | X-14-800     | STEEL BALL          |                                                                        | 3    | 1/2"                                                             |                         |
| 7    | 1064         | SPRING              |                                                                        | 3    |                                                                  | K-1512,S-1806           |
| 8    | 4304602      | BREATHER            | 23605                                                                  | 1    | 1/4" NPT                                                         |                         |
| 8    | X-12-404     | PIPE PLUG           |                                                                        | 1    | 1/4" NPT                                                         |                         |
| 9    | 4303656      | PLUG                | 15917                                                                  | 1    |                                                                  | S-1805,S-1806           |
| 10   | 15900        | GASKET              |                                                                        | 1    |                                                                  | S-1805,S-1806           |
| 11   | 15899        | PIN                 |                                                                        | 1    |                                                                  | S-1805,S-1806           |
| 12   | 4303655      | PLUG                | 17178                                                                  | 1    |                                                                  | S-1805,S-1806           |
| 13   | 17179        | GASKET              |                                                                        | 1    |                                                                  | S-1805,S-1806           |
| 14   | 20815        | LIFTING EYE         | 17105                                                                  | 2    |                                                                  |                         |
| 15   | X-8L-602     | CAPSCREW            |                                                                        | 2    | 3/8"-16X1-1/2" USE W/20815 LIFTING EYES                          |                         |
| 16   | X-12-404     | PIPE PLUG           |                                                                        | 1    | 1/4" NPT                                                         |                         |
| 17   | 15132        | SPRING COVER        |                                                                        | 1    |                                                                  | S-1806                  |
| 18   | 15133        | GASKET              |                                                                        | 1    |                                                                  | K-1931,S-1806           |
| 19   | X-8L-600     | CAPSCREW            |                                                                        | 2    | 3/8"-16X1"                                                       |                         |
| 20   | 18217        | NO LONGER AVAILABLE |                                                                        | 1    | USE W/17177 SHAFT ONLY NOT REQUIRED W/20332 SHAFT                |                         |
| 21   | 18218        | NO LONGER AVAILABLE |                                                                        | 1    | USE W/17177 SHAFT ONLY NOT REQUIRED W/20332 SHAFT                |                         |
| 22   | 11970        | BUSHING             |                                                                        | 1    | 1/4"X3/8"                                                        | S-1805,S-1806           |
| 26   | 15910        | YOKE BAR            |                                                                        | 1    | 1ST/REVERSE                                                      | S-1806                  |
| 27   | 8968         | PLUG                |                                                                        | 1    |                                                                  | S-1806                  |
| 28   | 6392         | SPRING              |                                                                        | 1    |                                                                  | K-1512,S-1806           |
| 29   | 10019        | PLUNGER             |                                                                        | 1    |                                                                  | S-1806                  |
| 30   | 3220         | LOCKSCREW           |                                                                        | 3    |                                                                  | S-1806                  |
| 31   | 15096        | SHIFT YOKE          |                                                                        | 1    | 1ST/REVERSE                                                      | S-1806                  |

| Item | Current Part | Description              | Replaced Part | Qty. | Notes                         | Kits/Assys Where Needed |
|------|--------------|--------------------------|---------------|------|-------------------------------|-------------------------|
| 32   | X-14-1200    | STEEL BALL               |               | 2    | 3/4"                          |                         |
| 33   | 15100        | YOKE BAR                 |               | 1    | 2ND/3RD                       | S-1806                  |
| 34   | 15097        | SHIFT YOKE               |               | 1    | 2ND/3RD                       | S-1806                  |
| 35   | 16300        | SHIFT YOKE               |               | 1    | 4TH/5TH                       | K-2018,K-2019,S-1806    |
| 36   | 1634         | INTERLOCK PIN            |               | 1    |                               | K-1512,S-1806           |
| 37   | 15101        | YOKE BAR                 |               | 1    | 4TH/5TH                       | S-1806                  |
| 37   | 20781        | YOKE BAR                 |               | 1    | 4TH/5TH-W/ROAD SPEED GOVERNOR |                         |
| 83   | 20199        | PLATE                    | 18724         | 1    |                               |                         |
| 84   | 20209        | GASKET                   |               | 1    |                               |                         |
| 85   | X-8-406      | CAPSCREW                 |               | 2    | 1/4"-20X3/4"                  |                         |
| 86   | X-3-400      | LOCKWASHER               |               | 2    | 1/4"                          |                         |
| 102  | 22941        | NEUTRAL LIGHT SWITCH     | 12639         | 1    | SWITCH NORMALLY CLOSED        |                         |
| 104  | 22940        | REVERSE LIGHT SWITCH     | 16830         | 1    | SWITCH NORMALLY OPEN          |                         |
| 999  | S-1806       | SHIFT BAR HSG ASSY (STD) | S - 1476      | 1    | COMPLETE                      |                         |

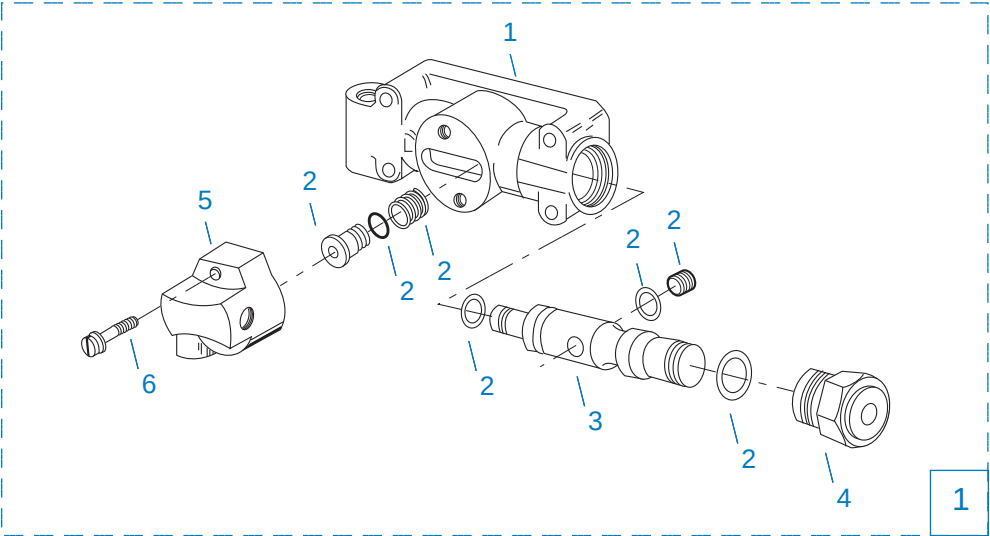
Group: SLAVE VALVE - 19470



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    |       |                         |

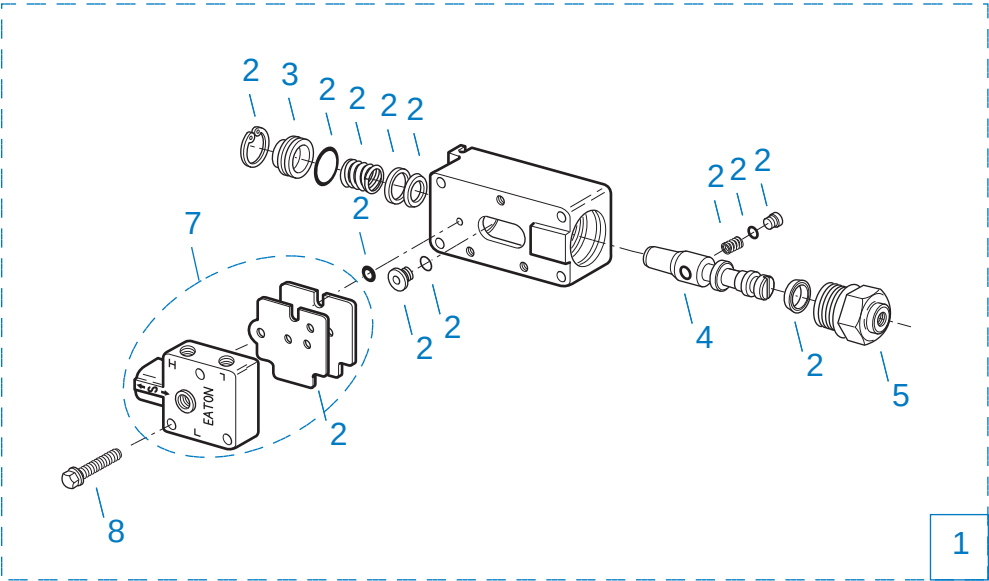


10123-5/93 A-4688

2    **Repair Kit**

**SLAVE VALVE - A-4688**

| Item | Current Part | Description            | Replaced Part          | Qty. | Notes            | Kits/Assys Where Needed |
|------|--------------|------------------------|------------------------|------|------------------|-------------------------|
| 1    | A-4688       | SLAVE VALVE ASSY       | 15125 ,19464 ,A - 3991 | 1    |                  |                         |
| 2    | K-1699       | REPAIR KIT-SLAVE VALVE |                        | 1    | FOR A-4688 VALVE |                         |
| 3    | 19463        | PISTON                 | 15126                  | 1    |                  | A-4688                  |
| 4    | 20849        | CAP                    | 15131                  | 1    |                  | A-4688,A-5000           |
| 5    | K-1613       | CAP REPLACEMENT KIT    | 16429 ,18707           | 1    | FOR A-4688 VALVE |                         |
| 6    | X-8S-401     | CAPSCREW               |                        | 2    | 1/4"-20X1-1/8"   |                         |



10120-10-97 A-5000 SV

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



