

 **FABCO TRANSFER CASE**

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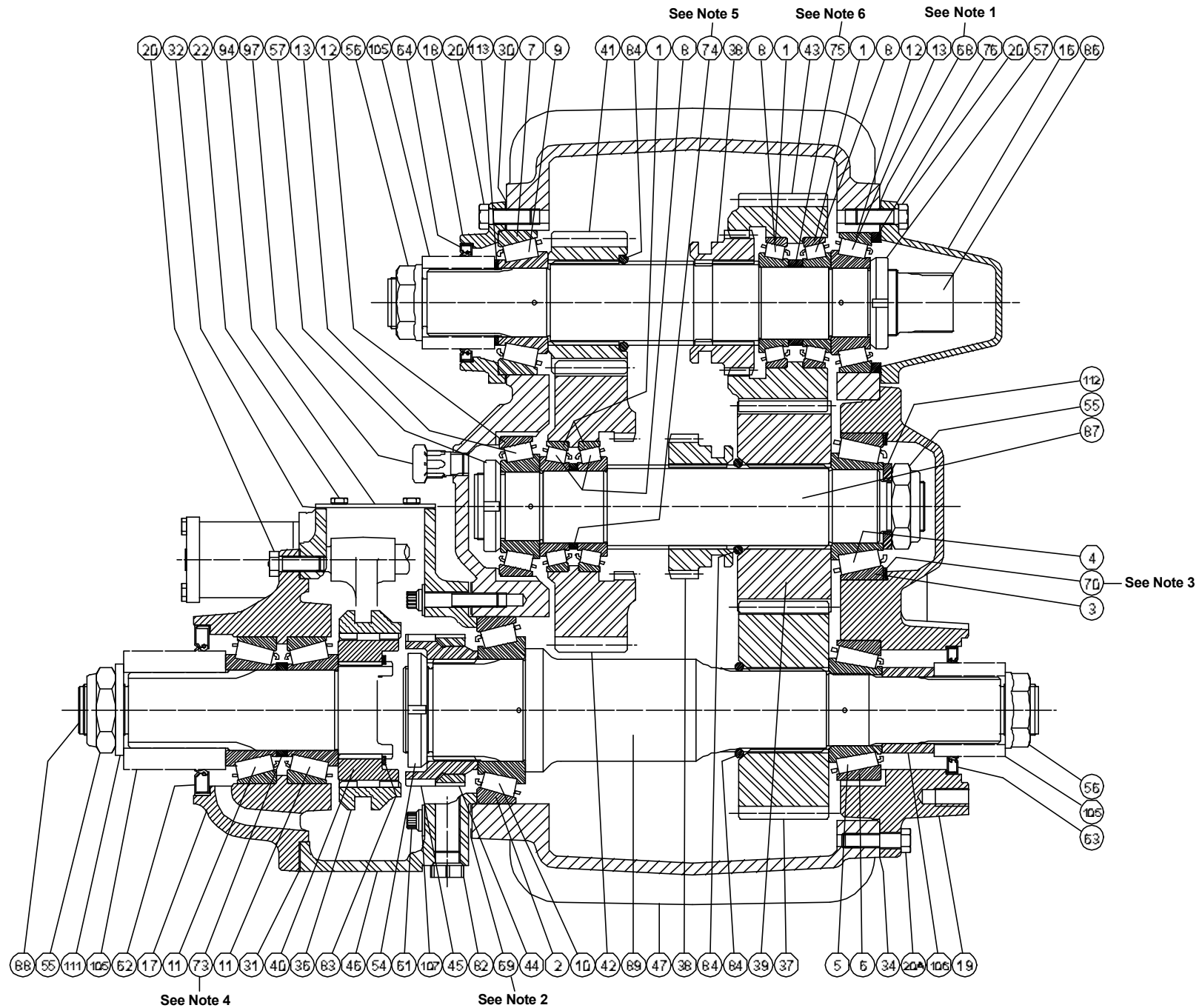


# FABCO TC-237 TRANSFER CASE PARTS MANUAL

Fabco Automotive Corporation, Livermore, CA

FabcoTransferCaseParts.com by Pro Gear and Transmission • 906 W. Gore St. Orlando, FL 32805 • 1 (877) 776-4600 / (407) 872-1901

# PARTS IDENTIFICATION



**SERVICE PARTS LIST****TRANSFER CASE MODEL — TC-237**TRANSFER CASE ASSEMBLY NUMBER: 873-0061-001REFER TO DRAWING: 873-0061-000

| ITEM                                                                                | PART NUMBER  | DESCRIPTION                                                                                         | 873-0061 - 001 QTY              | FOOT NOTE                                  |               |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------|---------------|
| 1                                                                                   | 233-0274     | BEARING CUP                                                                                         | 4                               |                                            |               |
| 2                                                                                   | 233-0375     | BEARING CUP                                                                                         | 1                               |                                            |               |
| 3                                                                                   | 233-0376     | BEARING CUP                                                                                         | 1                               |                                            |               |
| 4                                                                                   | 233-0377     | BEARING CONE                                                                                        | 1                               |                                            |               |
| 5                                                                                   | 233-0457     | BEARING CONE                                                                                        | 1                               |                                            |               |
| 6                                                                                   | 233-0458     | BEARING CUP                                                                                         | 1                               |                                            |               |
| 7                                                                                   | 233-0479     | BEARING CUP                                                                                         | 1                               |                                            |               |
| 8                                                                                   | 233-0485     | BEARING CONE                                                                                        | 4                               |                                            |               |
| 9                                                                                   | 233-0487     | BEARING CONE                                                                                        | 1                               |                                            |               |
| 10                                                                                  | 233-0497     | BEARING CONE                                                                                        | 1                               |                                            |               |
| 11                                                                                  | 233-0523     | BEARING CUP AND CONE ASSEMBLY                                                                       | 2                               |                                            |               |
| 12                                                                                  | 233-0545     | BEARING CUP                                                                                         | 2                               |                                            |               |
| 13                                                                                  | 233-0548     | BEARING CONE                                                                                        | 2                               |                                            |               |
| 14                                                                                  | 235-0352     | CAP, AIR SHIFT CYLINDER                                                                             | 2                               |                                            |               |
| 15                                                                                  | 235-0372     | CAP, SHIFT SHAFT                                                                                    | 1                               |                                            |               |
| 16                                                                                  | 235-0375-002 | CAP, IN PUT SHAFT REAR                                                                              | 1                               |                                            |               |
| 17                                                                                  | 237-0359     | CARRIER, FRONT OUT PUT                                                                              | 1                               |                                            |               |
| 18                                                                                  | 237-0587-005 | CAR RIER, INPUT SEAL                                                                                | 1                               |                                            |               |
| 19                                                                                  | 237-0665     | CARRIER, REAR                                                                                       | 1                               |                                            |               |
| 20                                                                                  | 265-0238     | BOLT, 7/16- 14 UNC x 1 1/4, GRADE 5, HEX HEAD                                                       | 20                              |                                            |               |
| 20A                                                                                 | 283-0277     | BOLT, 7/16- 14 UNC x 1 3/4, GRADE 8, HEX HEAD                                                       | 12                              |                                            |               |
| 21                                                                                  | 265-0239     | BOLT, 7/16- 14 x 1 HEX HEAD                                                                         | 16                              |                                            |               |
| 22                                                                                  | 265-0343     | BOLT, 1/4-20 x 1/2 HEX HEAD                                                                         | 8                               |                                            |               |
| 23                                                                                  | 265-0768     | BOLT, 7/16- 20 x 1 3/8 GRADE 8, DRILLED HH                                                          | 2                               |                                            |               |
| 24                                                                                  | 265-0769     | BOLT, 1/4-20 x 3 3/4 HEX HEAD                                                                       | 4                               |                                            |               |
| 25                                                                                  | 265-0982     | BOLT, 1/4-20 x 4 3/4 HEX HEAD                                                                       | 4                               |                                            |               |
| 26                                                                                  | 273-0687     | BRACKET, LIFTING                                                                                    | 2                               |                                            |               |
| 27                                                                                  | 339-0223     | FELT WIPER, SHIFT CYLINDER                                                                          | 2                               |                                            |               |
| 28                                                                                  | 367-0254     | FORK, FRONT DECLUTCH SHIFT                                                                          | 1                               |                                            |               |
| 29                                                                                  | 367-0268     | FORK, INPUT & INTERMEDIATE SHIFT SHAFT                                                              | 2                               |                                            |               |
|  |              | 151 Lawrence Drive<br>Livermore, California 94551<br>Telephone (925) 454-9500<br>FAX (925) 454-9501 | BY: M.A.S.<br><br>DATE: 6/11/98 | SERVICE PARTS LIST FOR<br><br>873-0061-001 | REV.<br><br>D |

**SERVICE PARTS LIST**

TRANSFER CASE MODEL — TC-237

TRANSFER CASE ASSEMBLY NUMBER: 873-0061-001REFER TO DRAWING: 873-0061-000

| ITEM                                                                                | PARTNUMBER   | DESCRIPTION                                                                                         | 873-0061 - 001 QTY              | FOOT NOTE                                  |               |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------|---------------|
| 30                                                                                  | 427-0339     | GASKET, INPUT CARRIER                                                                               | 1                               |                                            |               |
| 31                                                                                  | 427-0375     | GASKET, FRONT OUTPUT CARRIER                                                                        | 1                               |                                            |               |
| 32                                                                                  | 427-0376     | GASKET, DE CLUTCH COVER PLATE                                                                       | 1                               |                                            |               |
| 33                                                                                  | 427-0399     | GASKET, SHIFT SHAFT CAP                                                                             | 1                               |                                            |               |
| 34                                                                                  | 427-0552     | GASKET, REAR CARRIER                                                                                | 1                               |                                            |               |
| 35                                                                                  | 427-0553     | GASKET, HOUSING COVER PLATE                                                                         | 1                               |                                            |               |
| 36                                                                                  | 432-0426     | GEAR, FRONT DECLUTCH SHIFT COLLAR                                                                   | 1                               |                                            |               |
| 37                                                                                  | 432-0554     | GEAR, 35-TOOTH REAR OUTPUT SHAFT                                                                    | 1                               |                                            |               |
| 38                                                                                  | 432-0556     | GEAR, 20-TOOTH CLUTCH                                                                               | 2                               |                                            |               |
| 39                                                                                  | 432-0558     | GEAR, 34-TOOTH DIRECT DRIVE INTERMEDIATE SHAFT                                                      | 1                               |                                            |               |
| 40                                                                                  | 432-0563     | GEAR, FRONT OUTPUT SHAFT                                                                            | 1                               |                                            |               |
| 41                                                                                  | 432-0674     | GEAR, 19-TOOTH UNDERDRIVE INPUT                                                                     | 1                               |                                            |               |
| 42                                                                                  | 432-0675     | GEAR, 41-TOOTH UNDERDRIVE                                                                           | 1                               |                                            |               |
| 43                                                                                  | 432-0676     | GEAR, 35-TOOTH DIRECT DRIVE INPUT                                                                   | 1                               |                                            |               |
| 44                                                                                  | 432-0743     | GEAR, ELECTRONIC SPEEDO ROTOR                                                                       | 1                               |                                            |               |
| 45                                                                                  | 432-0744     | GEAR, FRONT DECLUTCH                                                                                | 1                               |                                            |               |
| 46                                                                                  | 468-0943-002 | HOUSING, FRONT DECLUTCH                                                                             | 1                               |                                            |               |
| 47                                                                                  | 478-0298     | HOUSING, TRANSFER CASE                                                                              | 1                               |                                            |               |
| 48                                                                                  | 626-0228     | NAMEPLATE                                                                                           | 1                               |                                            |               |
| 49                                                                                  | 675-0224     | O-RING, SHIFT CYLINDER ADAPTER                                                                      | 6                               |                                            |               |
| 50                                                                                  | 675-0326     | O-RING, PISTON                                                                                      | 2                               |                                            |               |
| 51                                                                                  |              | NOT USED                                                                                            |                                 |                                            |               |
| 52                                                                                  | 688-0464     | NUT, SHIFT PISTON                                                                                   | 2                               |                                            |               |
| 53                                                                                  |              | NOT USED                                                                                            |                                 |                                            |               |
| 54                                                                                  | 688-0645     | NUT, N13 BEARING LOCK                                                                               | 1                               |                                            |               |
| 55                                                                                  | 688-0694     | NUT, 1 1/2-12 LOCK                                                                                  | 2                               |                                            |               |
| 56                                                                                  | 688-0697-004 | NUT, 1 1/2-12 LOCK                                                                                  | 2                               |                                            |               |
| 57                                                                                  | 688-0739     | NUT, N10 BEARING LOCK                                                                               | 2                               |                                            |               |
| 58                                                                                  | 724-0222     | SCREW, 3/8-24 SHIFT FORK SET                                                                        | 2                               |                                            |               |
| 59                                                                                  | 724-0276     | SCREW, #6 x 5/16 LONG DRIVE                                                                         | 2                               |                                            |               |
|  |              | 151 Lawrence Drive<br>Livermore, California 94551<br>Telephone (925) 454-9500<br>FAX (925) 454-9501 | BY: M.A.S.<br><br>DATE: 6/11/98 | SERVICE PARTS LIST FOR<br><br>873-0061-001 | REV.<br><br>D |

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| ITEM                                                                                | PARTNUMBER     | DESCRIPTION                                                                                         | 873-0061 - 001 QTY              | FOOT NOTE                                  |               |
|-------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------|---------------|
| 60                                                                                  |                | NOT USED                                                                                            |                                 |                                            |               |
| 61                                                                                  | 724-0677       | SCREW, 7/16- 14 x 2 1/4 12- POINT HEAD                                                              | 6                               |                                            |               |
| 62                                                                                  | 732-0333       | OIL SEAL, FRONT OUTPUT                                                                              | 1                               |                                            |               |
| 63                                                                                  | 732-0372       | OIL SEAL, REAR OUTPUT                                                                               | 1                               |                                            |               |
| 64                                                                                  | 732-0384       | OIL SEAL, INPUT                                                                                     | 1                               |                                            |               |
| 65                                                                                  | 736-0747       | RING, NYLONSTOP                                                                                     | 2                               |                                            |               |
| 66                                                                                  | 742-0799       | SHAFT, FRONT DECLUTCH SHIFT                                                                         | 1                               |                                            |               |
| 67                                                                                  | 742-0877       | SHAFT, RANGE SHIFT                                                                                  | 1                               |                                            |               |
| 68                                                                                  | See Footnote 1 | SHIMS, IN PUT SHAFT                                                                                 | A/R                             | 1                                          |               |
| 69                                                                                  | See Footnote 2 | SHIMS, REAR OUT PUT SHAFT                                                                           | A/R                             | 2                                          |               |
| 70                                                                                  | See Footnote 3 | SHIMS,INTERMEDIATE SHAFT                                                                            | A/R                             | 3                                          |               |
| 71                                                                                  | 746-0628       | PIN,INDICATORSWITCHACTUATING                                                                        | 1                               |                                            |               |
| 72                                                                                  | 753-0232       | PISTON, SHIFT                                                                                       | 2                               |                                            |               |
| 73                                                                                  | See Footnote 4 | RING, BEARING SPACER, FRONT OUTPUT SHAFT                                                            | A/R                             | 4                                          |               |
| 74                                                                                  | See Footnote 5 | RING, BEARING SPACER, INTERMEDIATESHAFT                                                             | A/R                             | 5                                          |               |
| 75                                                                                  | See Footnote 6 | RING, BEARING SPACER, INPUT SHAFT                                                                   | A/R                             | 6                                          |               |
| 76                                                                                  | 756-0269       | RING, INPUT SHAFT REAR SPACER                                                                       | 1                               |                                            |               |
| 77                                                                                  | 758-0229       | PLUG, 3/4 NPT PIPE                                                                                  | 2                               |                                            |               |
| 78                                                                                  | 758 -0232      | PLUG, 1/4 NPT PIPE                                                                                  | 2                               |                                            |               |
| 79                                                                                  | 758-0274       | PLUG, 3/4 NPT MAGNETICDRAIN                                                                         | 1                               |                                            |               |
| 80                                                                                  | 758-0328       | PLUG, 1" WELCH                                                                                      | 1                               |                                            |               |
| 81                                                                                  | 758-0338       | PLUG, 1/4 NPT PLASTIC SHIPPING                                                                      | 2                               |                                            |               |
| 82                                                                                  | 758-0374-108   | PLUG, ELECT. SPEEDO PLASTIC SHIPPING                                                                | 1                               |                                            |               |
| 83                                                                                  | 762-0288       | SNAP RING                                                                                           | 1                               |                                            |               |
| 84                                                                                  | 762-0292       | RING, SPLIT RETAINING                                                                               | 3                               |                                            |               |
| 85                                                                                  |                | NOT USED                                                                                            |                                 |                                            |               |
| 86                                                                                  | 769-0453       | SHAFT, INPUT                                                                                        | 1                               |                                            |               |
| 87                                                                                  | 769-0467       | SHAFT, INTERMEDIATE                                                                                 | 1                               |                                            |               |
| 88                                                                                  | 776-0237       | SHAFT, FRONT OUTPUT                                                                                 | 1                               |                                            |               |
| 89                                                                                  | 776-0358       | SHAFT, REAR OUTPUT                                                                                  | 1                               |                                            |               |
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| ITEM | PART NUMBER    | DESCRIPTION                                     | 873-0061 - 001<br>QTY | FOOT<br>NOTE |
|------|----------------|-------------------------------------------------|-----------------------|--------------|
| 90   | 777-0477       | SPRING, FRONT DE CLUTCH SHIFT                   | 1                     |              |
| 91   | 777-0485       | SPRING, RANGE SHIFT                             | 1                     |              |
| 92   | 782-0288       | O-RING, SHIFT SHAFT                             | 2                     |              |
| 93   |                | NOT USED                                        |                       |              |
| 94   | 792-0866       | PLATE, DE CLUTCH COVER                          | 1                     |              |
| 95   | 793-1537       | PLATE, HOUS ING COVER                           | 1                     |              |
| 96   | 798-0245       | SWITCH, FRONT DE CLUTCH SHIFT INDICATOR         | 1                     |              |
| 97   | 836-0223       | VENT, BREATHER                                  | 1                     |              |
| 98   |                | NOT USED                                        |                       |              |
| 99   | 883-0479       | TUBE, RANGE SHIFT CYLINDER ADAPTER              | 1                     |              |
| 100  | 883-0482       | TUBE, FRONT DE CLUTCH SHIFT CYLINDER ADAPTER    | 1                     |              |
| 101  | 883--0887--001 | TUBE, FRONT DE CLUTCH SHIFT CYLINDER, 2.75 LONG | 1                     |              |
| 102  | 883-0887-003   | TUBE, RANGE SHIFT CYLINDER, 3.813 LG            | 1                     |              |
| 103  |                | NOT USED                                        |                       |              |
| 104  |                | NOT USED                                        |                       |              |
| 105  | 883-0988       | TUBE, OIL SEAL PROTECTOR SHIPPING               | 3                     |              |
| 106  | 884-0296       | TUBE, REAR OUTPUT SHAFT SPACER                  | 1                     |              |
| 107  | 927-0347       | WASHER, 7/16 SAE PLAIN                          | 6                     |              |
| 108  | 927-0427       | COPPER WASHER                                   | 1                     |              |
| 109  | 927-0643       | WASHER, SHIFT PISTON                            | 2                     |              |
| 110  | 927-0749       | WASHER, 7/16-14 LOCK                            | 16                    |              |
| 111  | 927-0775-005   | WASHER, FRONT OUTPUT SHAFT                      | 1                     |              |
| 112  | 927-0775-007   | WASHER, INTERMEDIATE SHAFT REAR                 | 1                     |              |
| 113  | 927-0828       | WASHER, INPUT SHAFT                             | 1                     |              |
| 114  | 947-0223       | WIRE, LOCK                                      | 3                     |              |



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**REV.**

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TRANSFER CASE MODEL — TC-237

TRANSFER CASE ASSEMBLY NUMBER: 873-0061-001

REFER TO DRAWING: 873-0061-000

| ITEM                                                                                                           | PART NUMBER  | DESCRIPTION                                                                                         | 873-0061      | - 001<br>QTY           | FOOT<br>NOTE |
|----------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------|---------------|------------------------|--------------|
| <b>FOOTNOTES:</b>                                                                                              |              |                                                                                                     |               |                        |              |
| 1. SELECT SHIMS, ITEM #68, TO OBTAIN .003T TO .003L END FLOAT ON THE INPUT SHAFT.                              |              |                                                                                                     |               |                        |              |
|                                                                                                                | 744-1322     | SHIM, .030 THICK, CORAL                                                                             |               |                        |              |
|                                                                                                                | 744-2322     | SHIM, .015 THICK, PINK                                                                              |               |                        |              |
|                                                                                                                | 744-3322     | SHIM, .005 THICK, BLUE                                                                              |               |                        |              |
|                                                                                                                | 744-4322     | SHIM, .002 THICK, RED                                                                               |               |                        |              |
| 2. SELECT SHIMS, ITEM #69, TO OBTAIN .003T TO .003L END FLOAT ON THE REAR OUT PUT SHAFT.                       |              |                                                                                                     |               |                        |              |
|                                                                                                                | 744-0278     | SHIM, .030 THICK, CORAL                                                                             |               |                        |              |
|                                                                                                                | 744-0279     | SHIM, .015 THICK, PINK                                                                              |               |                        |              |
|                                                                                                                | 744-0282     | SHIM, .005 THICK, BLUE                                                                              |               |                        |              |
|                                                                                                                | 744-0283     | SHIM, .002 THICK, RED                                                                               |               |                        |              |
| 3. SELECT SHIMS, ITEM #70, TO OBTAIN .003T TO .003L END FLOAT ON THE INTERMEDIATE SHAFT.                       |              |                                                                                                     |               |                        |              |
|                                                                                                                | 744-0369-001 | SHIM, .002 THICK (1 NOTCH)                                                                          |               |                        |              |
|                                                                                                                | 744-0369-002 | SHIM, .005 THICK (2 NOTCHES)                                                                        |               |                        |              |
|                                                                                                                | 744-0369-003 | SHIM, .015 THICK (3 NOTCHES)                                                                        |               |                        |              |
|                                                                                                                | 744-0369-004 | SHIM, .030 THICK (4 NOTCHES)                                                                        |               |                        |              |
| 4. SELECT A SPACER RING, ITEM #73, TO OBTAIN .003 TO .008 END FLOAT ON THE FRONT OUTPUT SHAFT.                 |              |                                                                                                     |               |                        |              |
|                                                                                                                | 756-0233-003 | RING, BEAR ING SPACER, .306 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0233-004 | RING, BEAR ING SPACER, .311 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0233-005 | RING, BEAR ING SPACER, .316 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0233-006 | RING, BEAR ING SPACER, .321 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0233-007 | RING, BEAR ING SPACER, .326 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0233-008 | RING, BEAR ING SPACER, .331 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0233-009 | RING, BEAR ING SPACER, .336 THICK                                                                   |               |                        |              |
| 5. SELECT A SPACER RING, ITEM #74, TO OBTAIN .000 TO .002 END FLOAT ON THE INTERMEDIATE SHAFT UNDERDRIVE GEAR. |              |                                                                                                     |               |                        |              |
|                                                                                                                | 756-0268-001 | RING, BEAR ING SPACER, .234 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0268-002 | RING, BEAR ING SPACER, .237 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0268-003 | RING, BEAR ING SPACER, .240 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0268-004 | RING, BEAR ING SPACER, .243 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0268-005 | RING, BEAR ING SPACER, .246 THICK                                                                   |               |                        |              |
| 6. SELECT A SPACER RING, ITEM #75, TO OBTAIN .000 TO .002 END FLOAT ON THE INPUT SHAFT DIRECT DRIVE GEAR.      |              |                                                                                                     |               |                        |              |
|                                                                                                                | 756-0268-006 | RING, BEAR ING SPACER, .417 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0268-007 | RING, BEAR ING SPACER, .420 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0268-008 | RING, BEAR ING SPACER, .423 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0268-009 | RING, BEAR ING SPACER, .426 THICK                                                                   |               |                        |              |
|                                                                                                                | 756-0268-010 | RING, BEAR ING SPACER, .429 THICK                                                                   |               |                        |              |
|                             |              | 151 Lawrence Drive<br>Livermore, California 94551<br>Telephone (925) 454-9501<br>FAX (925) 454-9500 | BY: M.A.S.    | SERVICE PARTS LIST FOR |              |
|                                                                                                                |              |                                                                                                     | DATE: 6/11/98 | 873-0061-001           |              |
|                                                                                                                |              |                                                                                                     |               | REV. D                 |              |