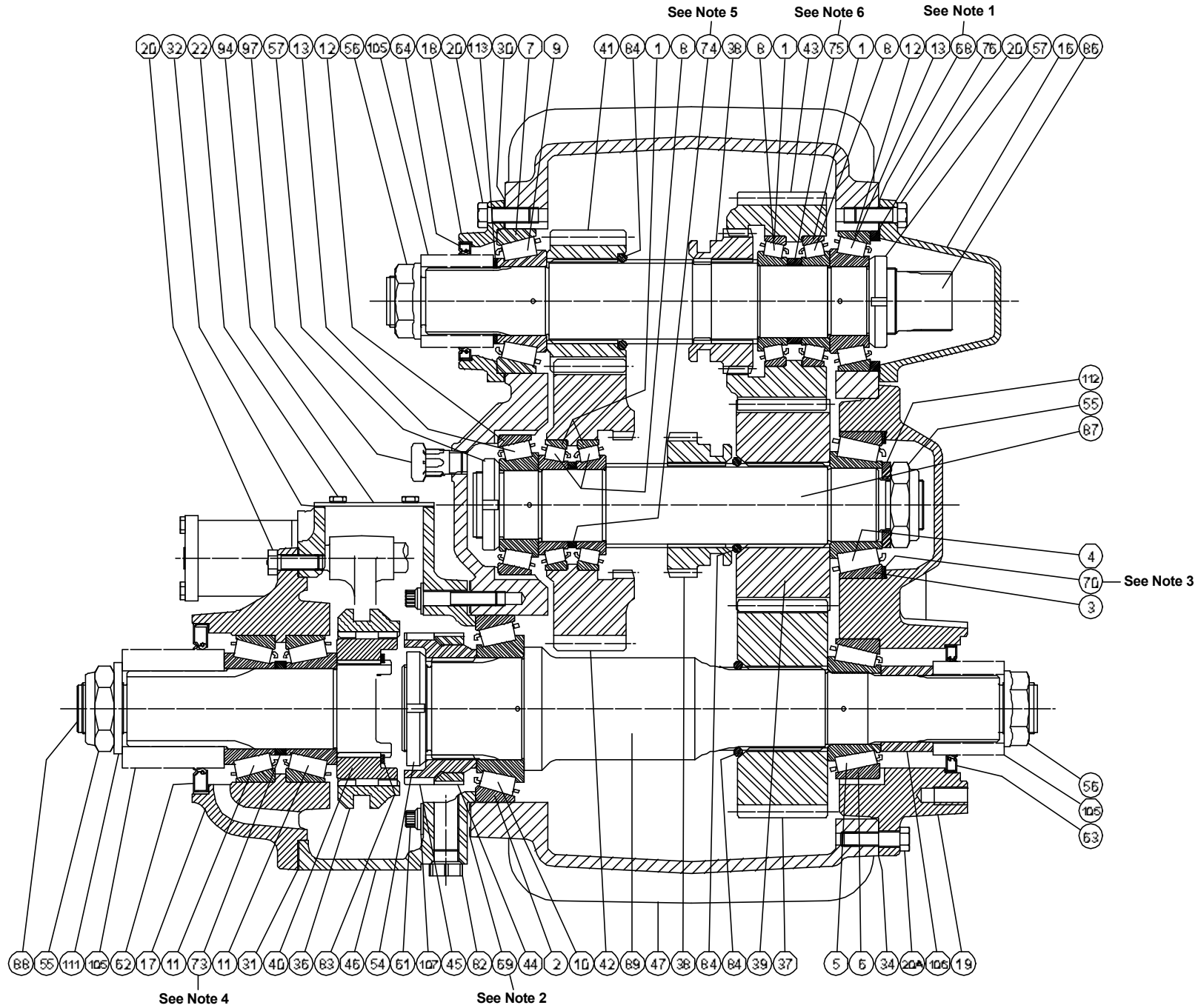




# **TC-237 TRANSFER CASE PARTS MANUAL**


**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, INPUT SHAFT REAR	1		
17	237-0359	CARRIER, FRONT OUTPUT	1		
18	237-0587-005	CARRIER, 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 DE CLUTCH SHIFT	1		
29	367-0268	FORK, INPUT & INTERMEDIATE SHIFT SHAFT	2		
		151 Lawrence Drive Livermore, California 94551 Telephone (925) 454-9500 FAX (925) 454-9501	<b>BY:</b> M.A.S.  <b>DATE:</b> 6/11/98	<b>SERVICE PARTS LIST FOR</b>  873-0061-001	<b>REV.</b>  D

**SERVICE PARTS LIST**

**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	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  
 Livermore, California 94551  
 Telephone (925) 454-9500  
 FAX (925) 454-9501

BY: M.A.S.

DATE: 6/11/98

**SERVICE PARTS LIST FOR**

873-0061-001

**REV.**

D

**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
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, NYLON STOP	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, INDICATOR SWITCH ACTUATING	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, INTERMEDIATE SHAFT	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 MAGNETIC DRAIN	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	



151 Lawrence Drive  
Livermore, California 94551  
Telephone (925) 454-9500  
FAX (925) 454-9501

BY: M.A.S.

DATE: 6/11/98

SERVICE PARTS LIST FOR

873-0061-001

REV.

D

**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
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	



151 Lawrence Drive  
 Livermore, California 94551  
 Telephone (925) 454-9500  
 FAX (925) 454-9501

BY: M.A.S.

DATE: 6/11/98

SERVICE PARTS LIST FOR

873-0061-001

REV.

D

**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
------	-------------	-------------	----------------	-----	-----------

**FOOTNOTES:**

- 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
- SELECT SHIMS, ITEM #69, TO OBTAIN .003T TO .003L END FLOAT ON THE REAR OUTPUT 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
- 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)
- SELECT A SPACER RING, ITEM #73, TO OBTAIN .003 TO .008 END FLOAT ON THE FRONT OUTPUT SHAFT.
  - 756-0233-003 RING, BEARING SPACER, .306 THICK
  - 756-0233-004 RING, BEARING SPACER, .311 THICK
  - 756-0233-005 RING, BEARING SPACER, .316 THICK
  - 756-0233-006 RING, BEARING SPACER, .321 THICK
  - 756-0233-007 RING, BEARING SPACER, .326 THICK
  - 756-0233-008 RING, BEARING SPACER, .331 THICK
  - 756-0233-009 RING, BEARING SPACER, .336 THICK
- SELECT A SPACER RING, ITEM #74, TO OBTAIN .000 TO .002 END FLOAT ON THE INTERMEDIATE SHAFT UNDERDRIVE GEAR.
  - 756-0268-001 RING, BEARING SPACER, .234 THICK
  - 756-0268-002 RING, BEARING SPACER, .237 THICK
  - 756-0268-003 RING, BEARING SPACER, .240 THICK
  - 756-0268-004 RING, BEARING SPACER, .243 THICK
  - 756-0268-005 RING, BEARING SPACER, .246 THICK
- SELECT A SPACER RING, ITEM #75, TO OBTAIN .000 TO .002 END FLOAT ON THE INPUT SHAFT DIRECT DRIVE GEAR.
  - 756-0268-006 RING, BEARING SPACER, .417 THICK
  - 756-0268-007 RING, BEARING SPACER, .420 THICK
  - 756-0268-008 RING, BEARING SPACER, .423 THICK
  - 756-0268-009 RING, BEARING SPACER, .426 THICK
  - 756-0268-010 RING, BEARING SPACER, .429 THICK



151 Lawrence Drive  
 Livermore, California 94551  
 Telephone (925) 454-9501  
 FAX (925) 454-9500

BY: M.A.S.

DATE: 6/11/98

SERVICE PARTS LIST FOR

873-0061-001

REV.

D