



Meritor MTC3206FV / Fabco TC-237 Transfer Case Parts Manual

Pro Gear Meritor MTC3206FV / Fabco TC-237 Transfer Case Parts Manual to assist in identifying your Meritor / Fabco unit.

If you need any assistance identifying the correct transfer case unit for your truck and equipment, contact your Meritor / Fabco replacement part specialists at Pro Gear and Transmission.

Pro Gear Transmission has same day shipping and 1000's of products in stock and ready to ship internationally for your next project.

For parts or service contact the Meritor / Fabco specialists at Pro Gear & Transmission, Inc.

1 (877) 776-4600
(407) 872-1901
parts@eprogear.com

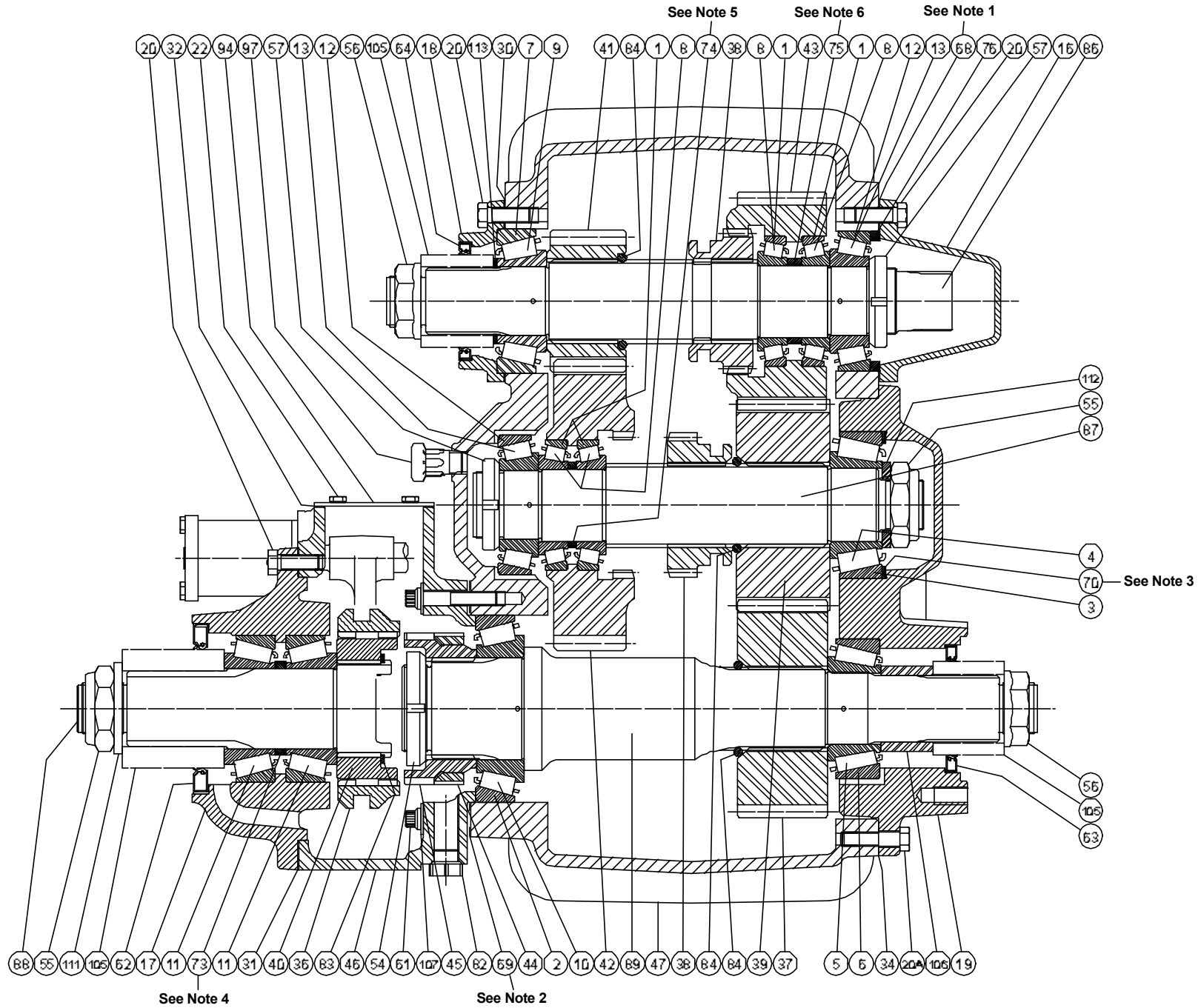


FABCO TC-237 TRANSFER CASE PARTS MANUAL

Fabco Automotive Corporation, Livermore, CA

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: 873-0061-001


REFER 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	BY: M.A.S. DATE: 6/11/98	SERVICE PARTS LIST FOR 873-0061-001	REV. D

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TRANSFER CASE MODEL — TC-237

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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	
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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	
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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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ITEM	PART NUMBER	DESCRIPTION	873-0061 - 001	QTY	FOOT NOTE
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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



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