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«Group 07: TRANSMISSION»

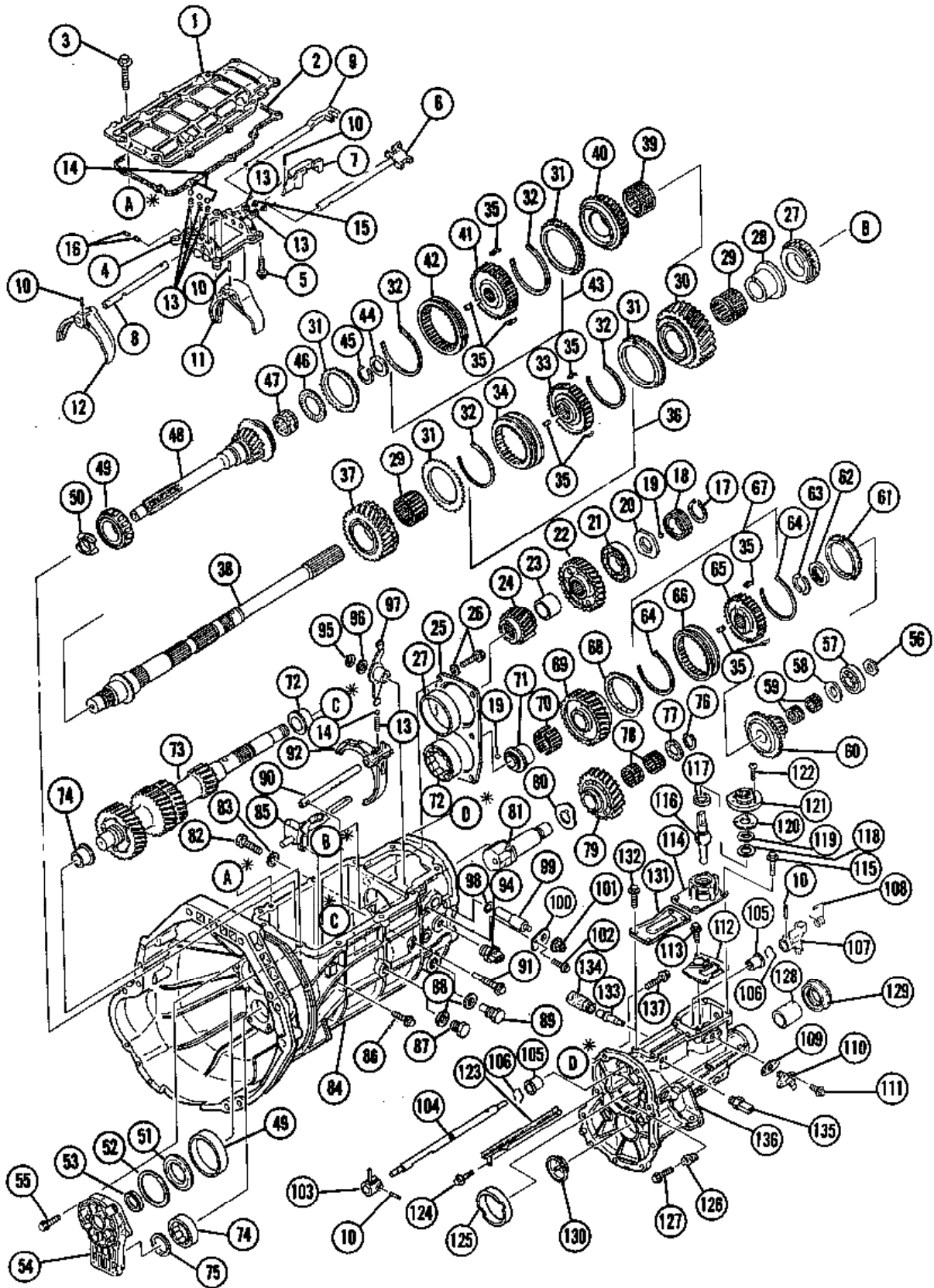
«Section 07-03: Transmission, Manual--M5R2»

DESCRIPTION

The M5R2 is a top shift, fully synchronized, five-speed manual transmission, equipped with an overdrive fifth gear ratio. All gear changes including reverse are accomplished with synchronizer sleeves.

The transmission main case, top cover, and extension housing are constructed of aluminum alloy. Steel bearing race inserts provide durability in appropriate areas.

The extension housing contains a bronze alloy bushing. This bushing cannot be serviced. The extension housing must be replaced as a unit if the bushing requires service.



* LETTERED ITEMS ARE MATCHED TO SHOW LOCATION FOR ASSEMBLY

C6906-C

Item

Description

1	Top Cover
2	Top Cover Gasket
3	Top Cover Bolt (10 Req'd)
4	Shift Control Frame
5	Shift Control Frame Bolt (4 Req'd)
6	5th/Rev Shift Rod
7	3rd/4th Shift Gate
8	3rd/4th Shift Rod
9	1st/2nd Shift Rod
10	Roll Pin (5 Req'd)
11	1st/2nd Shift Fork
12	3rd/4th Shift Fork
13	Detent Spring (6 Req'd)
14	Shift Detent Ball (4 Req'd)
15	Shift Rod Damper Seat (2 Req'd)
16	Interlock Pin (2 Req'd)
17	Speedo Gear Snap Ring
18	Speedo Drive Gear
19	Ball (2 Req'd)
20	Output Shaft Locknut
21	Output Shaft Rear Bearing Assy
22	Reverse Driven Gear
23	Output Shaft 5th/Rev Sleeve
24	5th Driven Gear
25	Center Bearing Cover
26	Center Bearing Cover Bolt and Washer Assy (4 Req'd)
27	Output Shaft Center Bearing Assy
28	1st Gear Bearing Sleeve
29	1st/2nd Gear Bearing Assy (2 Req'd)

30	1st Gear
31	Synchro Blocking (1st, 2nd, 3rd, 4th) Ring (4 Req'd)
32	Synchro 1st/2nd, 3rd/4th Spring (4 Req'd)
33	1st/2nd Synchro Clutch Hub
34	1st/2nd Synchro Sleeve
35	Synchro Insert Key (9 Req'd)
36	1st/2nd Synchro Assy
37	2nd Gear
38	Output Shaft
39	3rd Gear Bearing Assy
40	3rd Gear
41	3rd/4th Synchro Clutch Hub
42	3rd/4th Synchro Sleeve
43	3rd/4th Synchro Assy
44	3rd/4th Synchro Hub Spacer
45	3rd/4th Synchro Retaining Snap Ring
46	Output Shaft Thrust Bearing Assy
47	Output Shaft Pilot Bearing Assy
48	Input Shaft
49	Input Shaft Bearing Assy
50	Input Shaft Oil Scoop Ring
51	Input Shaft Bearing Oil Baffle
52	Input Shaft Bearing Shim
53	Input Shaft Seal
54	Front Bearing Cover
55	Front Bearing Cover Bolt (6 Req'd)
56	Countershaft Locknut
57	Countershaft Rear Bearing Assy
58	Reverse Gear Thrust Washer

59	Reverse Drive Gear Bearing Assy (2 Req'd)
60	Reverse Drive Gear
61	Synchro Blocking (Reverse) Ring
62	5th/Rev Synchro Thrust Washer
63	5th Rev Synchro Split Washer
64	Synchro 5th/Rev Spring
65	5th/Rev Synchro Clutch Hub
66	5th/Rev Synchro Sleeve
67	5th/Rev Synchro Assy
68	Synchro Blocking (5th) Ring
69	5th Gear
70	5th Gear Split Bearing Assy
71	5th Gear Bearing Sleeve
72	Countershaft Center Bearing Assy
73	Countershaft
74	Countershaft Front Bearing Assy
75	Countershaft Bearing Shim
76	Rev Idler Retaining Snap Ring
77	Rev Idler Thrust Spacer
78	Rev Idler Gear Bearing Assy (2 Req'd)
79	Reverse Idler Gear
80	Rev Idler Thrust Washer
81	Rev Idler Shaft
82	Rev Idler Shaft Bolt
83	Rev Idler Shaft Bolt Washer
84	Trans Case
85	Front Bearing Oil Trough
86	Oil Trough Retaining Bolt
87	Fill Plug

88	Fill/Drain Plug Gasket (2 Req'd)
89	Magnetic Drain Plug
90	5th Rev Shift Fork Rod
91	5th/Rev Shift Fork Rod Bolt
92	5th/Rev Shift Fork
93	Back-Up Lamp Switch
94	5th/Rev Counter Lever Snap Ring
95	5th/Rev Counter Lever Washer
96	5th/Rev Counter Lever
97	Counter Lever Pin O-Ring
98	Counter Lever Pivot Pin
99	Counter Lever Pin Retaining Plate
100	Counter Lever Pin Locking Nut
101	Counter Lever Retaining Plate Bolt
102	Shift Rail Selector Finger
103	Extension Shift Rail
104	Shift Rail Bushing (2 Req'd)
105	Shift Rail Bushing Snap Ring (2 Req'd)
106	Shift Rail Offset Lever
107	Control Selector Spring
108	5th/Rev Inhibitor Assy Gasket
109	5th/Rev Inhibitor Assy
110	5th/Rev Inhibitor Assy Bolt (2 Req'd)
111	Gearshift Lever Guide
112	Gearshift Lever Guide Bolt (3 Req'd)
113	Shift Control Housing
114	Shift Control Housing Bolt (4 Req'd)
115	Shift Lever
116	Shift Lever Bushing

117	Shift Lever Bushing Shim
118	Shift Lever Bushing Wave Washer
119	Shift Lever Retaining Plate
120	Dust Boot Assy
121	Dust Boot Assy Bolt (3 Req'd)
122	Rear Oil Trough
123	Rear Oil Trough Bolt
124	Output Shaft Rear Bearing Sleeve
125	Rear Bearing Sleeve Plate
126	Rear Bearing Sleeve Plate Bolt
127	Extension Housing Output Shaft Bushing
128	Extension Housing Seal
129	Countershaft Oil Funnel
130	Extension Housing Blind Cover
131	Extension Housing Blind Cover Bolt (4 Req'd)
132	Breather Assy
133	Breather Assy Cover
134	Neutral Sensing Switch
135	Extension Housing
136	Extension Housing Bolt (9 Req'd)

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