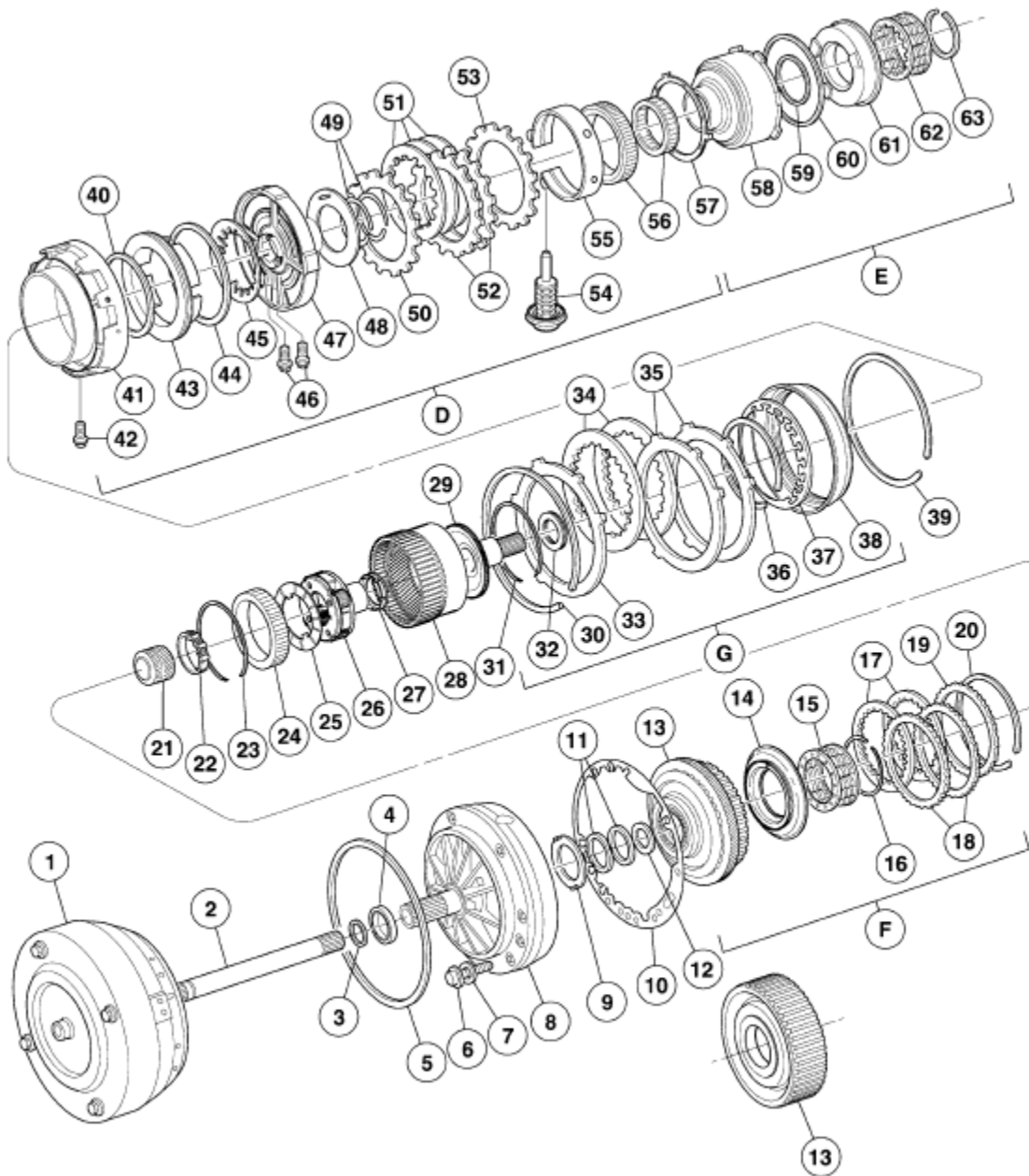


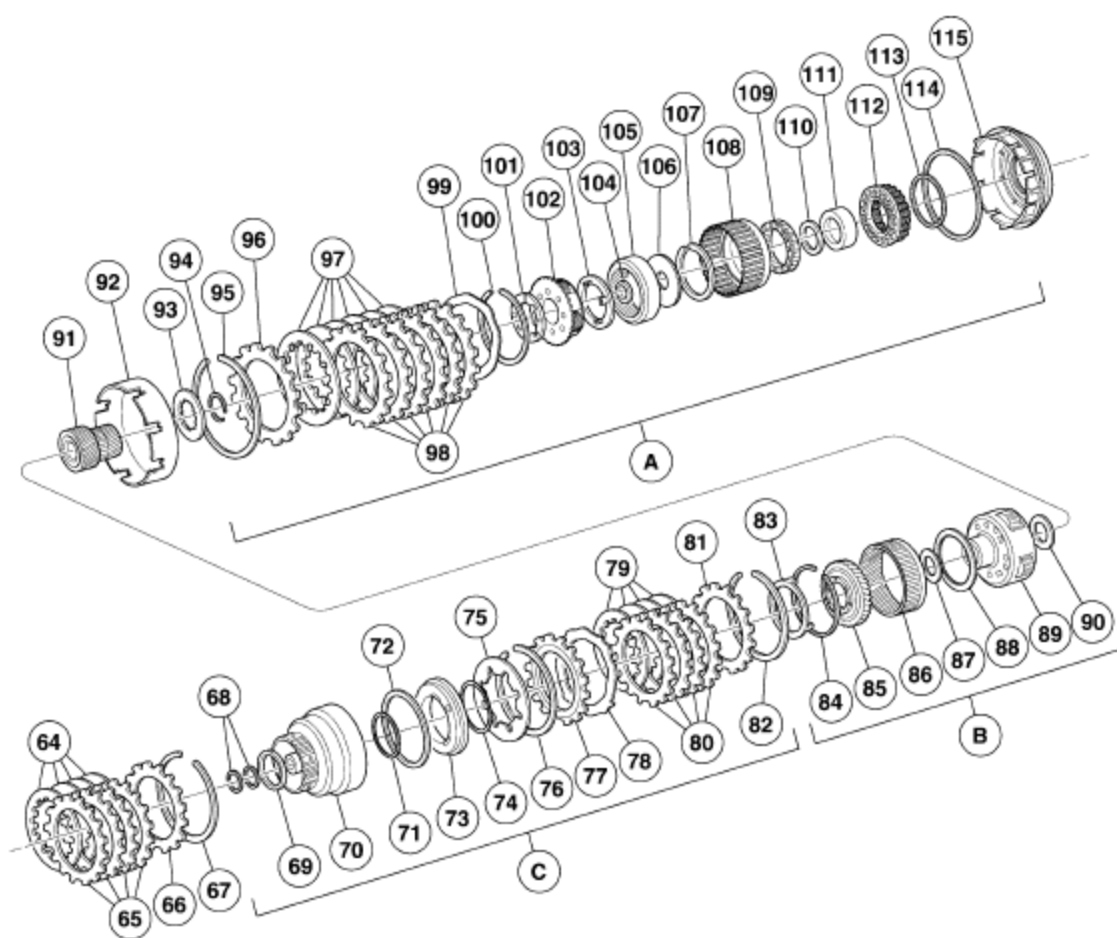
Disassembled Views

Transmission, Disassembled View



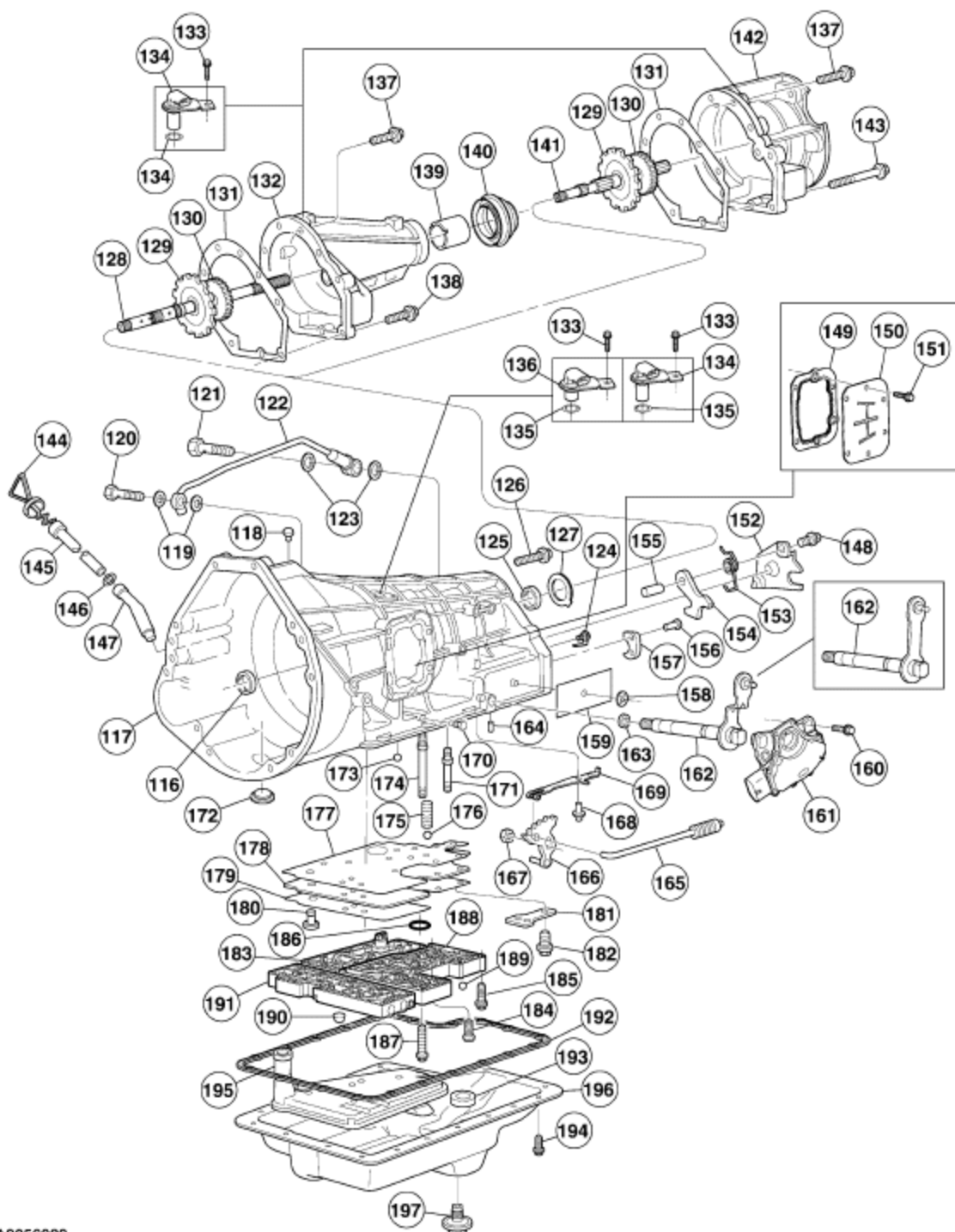
A0056078

Transmission, Disassembled View



A0056079

Transmission, Disassembled View



A0056080

Item	Part Number	Description
1	7902	Converter assembly (model dependent)
2	7017	Shaft — input
3	7L323	Seal — front pump support
4	7A248	Seal — front pump

5	7A248	Seal — front pump square cut OD
6	N805260-S	Screw and washer assembly — front pump to case
7	7G379	Washer — replacement (9 req'd)
8	7A103	Pump assembly — front (model dependent)
9	7D014	Washer — front pump support thrust No. 1 (model dependent)
10	7A136	Gasket —front pump
11	7G402	Seal — coast clutch ring — Teflon® (2 req'd)
12	7E486	Bearing assembly — overdrive sun gear No. 2
13	7G387	Cylinder assembly — coast clutch (model dependent)
14	7A262	Piston and seal assembly — coast clutch (model dependent)
15	7B070	Spring — coast clutch piston disc (model dependent)
16	7A527	Ring — coast clutch spring retainer (model dependent)
17	7B164	Plate — coast clutch internal spline — friction
18	7B442	Plate — coast clutch external spline — steel
19	7B437	Plate — coast clutch pressure
20	7D483	Ring — coast clutch press plate retaining (selective fit) (model dependent)
21	7D063	Gear assembly — overdrive sun
22	7A089	Clutch assembly — overdrive one-way
23	7G375	Ring — retaining flat (outer race to overdrive ring gear)
24	7G389	Race — overdrive one-way clutch — outer
25	7L339	Washer — overdrive one-way clutch No. 3
26	7B446	Planet assembly — overdrive
27	7F240	Bearing assembly — thrust No. 4
28	7A153	Gear — overdrive ring
29	7A658	Shaft — overdrive center
30	7D483	Ring — overdrive retaining (select fit)
31	7G375	Ring — wavy retaining (center shaft to overdrive ring gear)
32	7G178	Bearing assembly — center shaft No. 5
33	7B066	Plate — overdrive clutch pressure
34	7B164	Plate — overdrive clutch internal spline —

		friction (model dependent)
35	7B442	Plate — overdrive clutch external spline — steel
36	7A527	Ring — overdrive clutch disc spring retaining
37	7B070	Spring — overdrive clutch piston disc
38	7A262	Piston and seal assembly — overdrive clutch (bonded)
39	7D483	Ring — intermediate cylinder retaining
40	7F225	Seal — intermediate clutch piston (inner)
41	7G384	Cylinder — intermediate and overdrive clutch
42	7Z059	Bolt — M10-1.5 x 24 mm (0.96 in) overdrive cylinder fluid feed
43	7E005	Piston — intermediate clutch
44	7F224	Seal — intermediate clutch piston — outer
45	7B070	Spring — intermediate clutch piston disc
46	7Z059	Bolt — M12-1.75 x 31 mm (1.24 in) center support fluid feed (2 req'd)
47	7A130	Support assembly — center
48	7L326	Washer — center support thrust No. 6
49	7D025	Seal — direct clutch cast iron (2 req'd)
50	7B066	Plate — intermediate clutch apply
51	7B164	Plate — intermediate clutch internal spline
52	7B442	Plate — intermediate clutch external spline
53	7B066	Plate — intermediate clutch pressure
54	7D021	Servo assembly — intermediate brake band
55	7D034	Band assembly — intermediate
56	7A089	Clutch assembly — intermediate one-way
57	7G401	Washer — intermediate one-way clutch thrust No. 7
58	7D044	Drum assembly — intermediate brake
59	7A548	Seal — direct clutch inner
60	7A548	Seal — direct clutch outer
61	7A262	Piston assembly — direct clutch
62	7F235	Retainer and spring assembly — direct clutch
63	7C122	Ring — direct clutch support spring retaining
64	7B164	Plate — direct clutch internal spline — friction
65	7B442	Plate — direct clutch external spline — steel
66	7B066	Plate — direct clutch pressure

67	377126-S, 377127-S, 377128-S, 377437-S	Ring — direct clutch pressure plate retaining (selective fit)
68	7D019	Seal — forward clutch cylinder (2 req'd)
69	7F374	Bearing assembly — forward clutch cylinder thrust No. 8B
70	7A360	Cylinder assembly — forward clutch
71	7A548	Seal — forward clutch piston — inner
72	7A548	Seal — forward clutch piston — outer
73	7A262	Piston assembly — forward clutch
74	7D256	Ring — piston apply
75	7B070	Spring — piston return
76	377127-S	Ring — retaining forward clutch spring (forward clutch piston spring to forward clutch cylinder assembly)
77	7B066	Plate — forward clutch pressure
78	7E085	Spring — forward clutch wave
79	7B164	Plate — forward clutch internal spline — friction
80	7B442	Plate — forward clutch external spline — steel
81	7B066	Plate — forward clutch pressure rear
82	377127-S, 377437-S, 377444-S, 386841-S, 386842-S	Ring — forward clutch pressure plate retaining (selective fit)
83	7D090	Washer — forward clutch hub — thrust No. 8C
84	377132-S	Ring — forward hub retaining (forward ring gear hub to forward ring gear)
85	7B067	Hub — forward ring gear
86	7D392	Gear — forward ring
87	7D234	Bearing assembly — forward clutch thrust (between forward ring gear and forward planet assembly) No. 9A
88	7A166	Bearing assembly — forward planet carrier — thrust No. 10A
89	7A398	Planet assembly — forward
90	7D234	Bearing assembly — forward clutch thrust (between forward planet assembly and forward sun gear assembly) No. 9B
91	7D063	Gear assembly — forward/reverse sun

92	7D064	Shell — input
93	7D066	Washer — input shell thrust No. 14
94	377300-S	Ring — retaining (attaches forward/reverse sun gear assembly to input shell)
95	7D483	Ring — reverse clutch pressure plate — retaining
96	7B066	Plate — reverse clutch pressure
97	7B164	Plate — reverse clutch internal spline — friction
98	7B442	Plate — reverse clutch external spline — steel
99	7E085	Spring — transmission reverse clutch cushion
100	377155-S	Ring — reverse planet retaining
101	7A166	Washer — planet carrier thrust (between reverse planet assembly and input shell) No. 10B
102	7D006	Planet assembly — reverse
103	7A166	Washer — planet carrier — thrust (between reverse planet assembly and output shaft hub) No. 11
104	387031-S5	Ring — retaining (retaining output shaft hub to output shaft assembly)
105	7A153	Gear — output shaft ring
106	7D164	Hub — output shaft
107	377132-S	Ring — retaining (retaining output shaft hub to output shaft ring gear)
108	7B067	Hub assembly — reverse clutch
109	7A089	Clutch assembly — reverse one-way
110	7G178	Low/reverse one-way clutch inner race thrust bearing assembly No. 12
111	7D171	Race-low reverse one way inner
112	7D406	Retainer and spring assembly — reverse clutch
113	7D404	Seal — reverse clutch piston — inner
114	7D403	Seal — reverse clutch piston — outer
115	7D402	Piston — reverse clutch
116	7025	Bushing — case — front (3 lube grooves)
117	7005	Case assembly
118	7034	Vent assembly — case
119	391933-S100	Sealing washers — case outlet (part of

		7H322 CBV assembly)
120	7Z152	Cooler line — case fitting (part of 7H322 CBV assembly) (model dependent)
121	7G118	Cooler line — case fitting (part of 7H322 CBV assembly) (model dependent)
122	7H322	Valve assembly — transmission cooler bypass (model dependent)
123	391932-S100	Sealing washers — case outlet (part of 7H322 CBV assembly) (model dependent) (2 req'd)
124	7E380	Plug — case fluid filler
125	7025	Bushing — case — rear (1 lube groove)
126	7D167	Bolt — 5/16 x 1.9 (one-way clutch to case) (5 req'd)
127	7B368	Washer — parking gear thrust — rear No. 13
128	7060	Output shaft assembly (4x2)
129	7A233	Gear — output shaft — parking
130	7H150	Wheel — tone
131	7086	Gasket — extension housing
132	7A039	Extension housing (4x2)
133	N605769-S101	Bolt — M6 1 x10 hex flange
134	7M101	Sensor — turbine/output shaft speed (TSS/OSS)
135	N811757-S100	O-ring — sensor
136	7M101	Sensor — turbine shaft speed (TSS)
137	N605803-S427	Bolt — M10 - 1.5 x 40 mm (1.6 in) extension assembly to case (top) (7 req'd)
138	N605802-S427	Bolt — M10 - 1.5 x 35 mm (1.4 in) extension housing to case (bottom) (2 req'd)
139	7A034	Bushing — extension housing (4x2)
140	7052	Seal — extension housing (4x2)
141	7060	Output shaft assembly (4x4)
142	7A039	Extension assembly (4x4) and Super Duty
143	N606569-S427	Bolt — M10 - 1.5 x 93.5 mm (3.74 in) extension assembly to case (Super Duty and 4x4 bottom) (2 req'd)
144	7A020	Indicator assembly — fluid level
145	7A228	Tube assembly — fluid filler
146	391308-S	O-ring — filler tube
147	7A160	Tube fluid inlet — short

148	N805232-S	Screw and washer assembly M8-1.25 x 23.8 (attaches 7D419 to 7005)
149	7223	PTO — cover gasket
150	7222	PTO — case cover
151	N605799-S100	M10 - 1.5 x 20 hex flange head (attaches PTO cover to case)
152	7D419	Plate — parking rod guide
153	7D070	Spring — parking pawl return
154	7A441	Pawl — parking
155	387640-S	Shaft — park pawl
156	N805261-S191	Bolt — M8-1.25 x 25.9 mm (1.03 in) (attaches park pawl actuating abutment to case)
157	7G101	Abutment — parking pawl actuating
158	372552-S2	Nut — 3/8 spring (attaches service identification tag to case)
159	7B148	Tag — transmission service identification
160	N811382-S100	Bolt assembly — transmission range sensor to case (2 req'd)
161	7F293	Sensor assembly — digital transmission range
162	7A256	Lever assembly — manual control
163	7B498	Seal — manual control lever
164	7B210	Pin — manual lever retaining
165	7A232	Rod assembly — parking pawl actuating
166	7A115	Lever — manual control valve detent — inner
167	N800287-S36	Nut — M14-1.5 hex inner detent lever (7A115 to 7A256)
168	N805503-S	Bolt — manual valve detent spring assembly to case
169	7E332	Spring assembly — manual valve detent
170	390685-S	Plug — test port — 1/8-27 hex-head
171	N805330-S	Stud — M6 - 1.0 x 61.25 mm (2.45 in) valve body assembly to case — solenoid valve body to case — accumulator body assembly to case
172	7N171	Plug — converter access
173	7E195	Ball — rubber check (8 req'd)
174	N805331-S	Stud — main control assembly to case
175	7D017	Spring — EPC blow-off
176	353078-S	Ball — EPC blow-off

177	7C155	Gasket — valve body separator plate
178	7A008	Plate — valve body separator
179	7D100	Gasket — valve body separator plate to case
180	7G308	Screen assembly — solenoid
181	7F282	Plate — valve body reinforcing
182	N805503-S	Bolt — valve body reinforcing plate to case (3 req'd)
183	7G391	Solenoid valve body — transmission control
184	N805329-S	Bolt — M6 - 1.0 x 40 mm (1.6 in) solenoid valve body to case (9 req'd)
185	N805326-S	Bolt — M6 - 1.0 x 42.5 mm (1.7 in) valve body assembly to case and accumulator body assembly to case (18 req'd)
186	N705409	O-ring — seal solenoid body
187	N805327-S	Bolt — valve body assembly to case
188	7A100	Valve body assembly
189	7E195	Ball — rubber check (green) (2 req'd)
190	N805328-S	Nut — M6 - 1.0 (5required)
191	7G422	Control assembly — accumulator body
192	7A191	Reusable gasket — transmission pan
193	7L027	Magnet — transmission pan
194	N811266-S36	Bolt and washer assembly — pan assembly to case (20 req'd)
195	7A098	Filter and seal assembly — transmission (4x4)
196	7A194	Pan assembly — transmission (4x4)
197	7D479	Plug assembly — fluid pan drain (model dependent)
A	—	Reverse clutch and planetary
B	—	Forward planetary
C	—	Forward clutch assembly
D	—	Intermediate clutch assembly
E	—	Direct clutch assembly
F	—	Coast clutch assembly (model dependent)
G	—	Overdrive clutch assembly (model dependent)