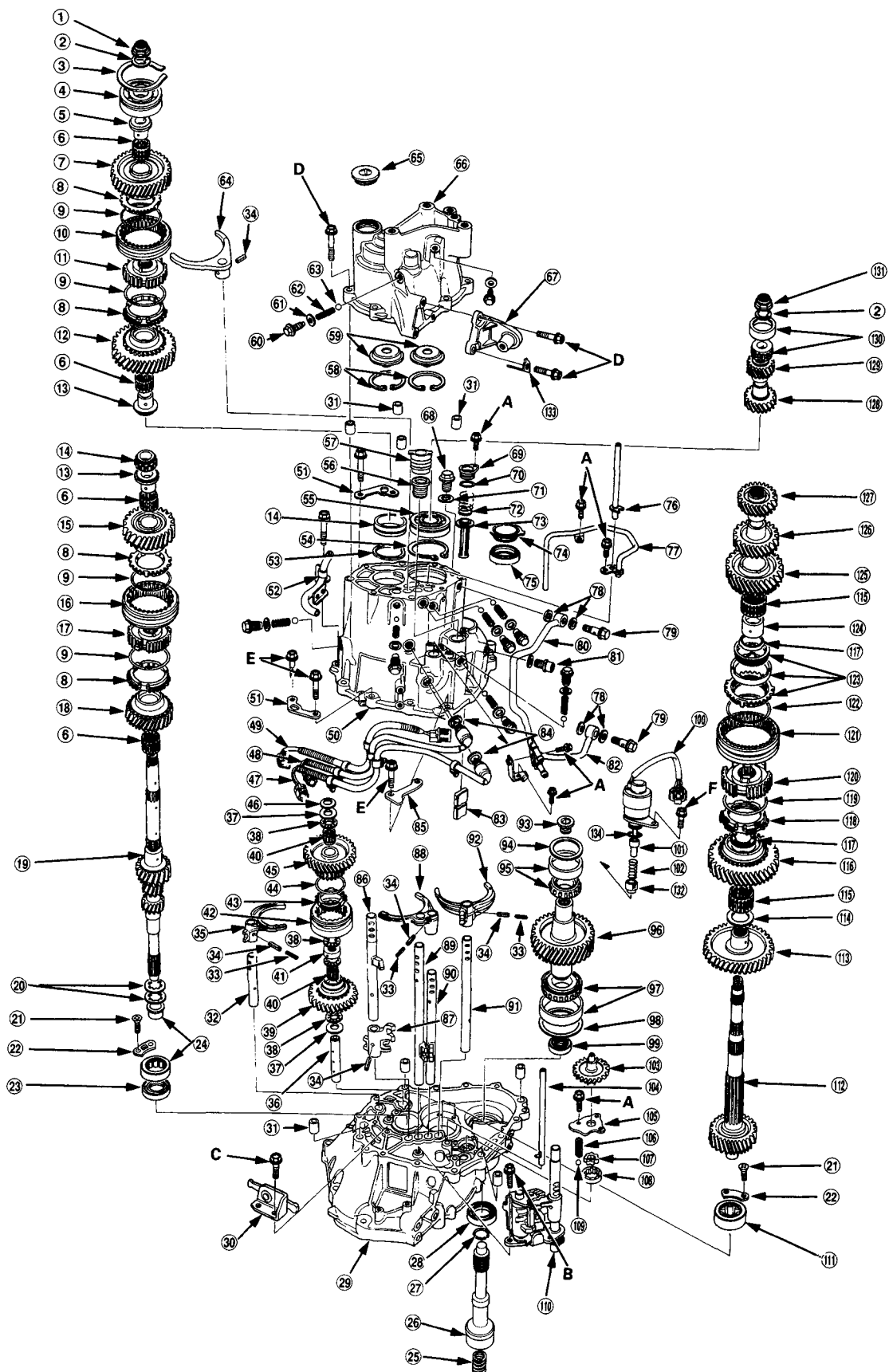


Illustrated Index

6-Speed





NOTE:

- Always clean the magnet ⑧③ whenever the transmission housing is disassembled.
- Inspect all ball and needle bearings for wear and operation.

	Torque Value	Bolt Size
A	12 N·m (1.2 kg-m, 9 lb-ft)	6 x 1.0 mm
B	15 N·m (1.5 kg-m, 11 lb-ft)	6 x 1.0 mm
C	26 N·m (2.6 kg-m, 19 lb-ft)	8 x 1.25 mm
D	28 N·m (2.8 kg-m, 20 lb-ft)	8 x 1.25 mm
E	45 N·m (4.5 kg-m, 33 lb-ft)	10 x 1.25 mm
F	14 N·m (1.4 kg-m, 10 lb-ft)	6 x 1.0 mm

- ① LOCKNUT Replace.
185→0→185 N-m
(18.5→0→18.5 kg-m,
134→0→134 lb-ft)
- ② SPRING WASHER
- ③ SNAP RING
- ④ BALL BEARING
- ⑤ 28 x 38 x 34 mm SPACER COLLAR
- ⑥ 38 x 44 x 29.5 mm NEEDLE BEARING
- ⑦ 6TH GEAR
- ⑧ SYNCHRO RING
- ⑨ SYNCHRO SPRING
- ⑩ 5TH/6TH SYNCHRO SLEEVE
- ⑪ 5TH/6TH SYNCHRO HUB
- ⑫ 5TH GEAR
- ⑬ 31 x 38 x 34.5 mm SPACER COLLAR
- ⑭ NEEDLE BEARING
- ⑮ 4TH GEAR
- ⑯ 3RD/4TH SYNCHRO SLEEVE
- ⑰ 3RD/4TH SYNCHRO HUB
- ⑱ 3RD GEAR
- ⑲ MAINSHAFT
- ⑳ MAINSHAFT WASHERS
- ㉑ FLAT-HEAD SCREW Replace.
10 N-m (1.0 kg-m, 7 lb-ft)
- ㉒ NEEDLE SET PLATE
- ㉓ 28 x 43 x 7 mm OIL SEAL Replace.
- ㉔ 28 x 53 x 19 mm NEEDLE BEARING
- ㉕ SECONDARY SPRING
- ㉖ EXTENSION SHAFT
- ㉗ SET RING Replace.
- ㉘ 55 x 75 x 11 mm OIL SEAL Replace.
- ㉙ CLUTCH HOUSING
- ㉚ REVERSE SHIFT HOLDER
- ㉛ 14 x 20 mm DOWEL PIN
- ㉜ REVERSE SHIFT FORK SHAFT
- ㉝ 3 x 22 mm SPRING PIN Replace.
- ㉞ 5 x 22 mm SPRING PIN Replace.
- ㉟ REVERSE SHIFT FORK
- ㊱ REVERSE GEAR SHAFT
- ㊲ 20 x 36 x 2 mm THRUST WASHER
- ㊳ 20 x 37 x 2.5 mm NEEDLE BEARING
- ㊴ REVERSE DRIVE GEAR
- ㊵ 20 x 25 x 26.5 mm NEEDLE BEARING
- ㊶ SPACER
- ㊷ REVERSE SYNCHRO SLEEVE
- ㊸ SYNCHRO RING
- ㊹ SYNCHRO SPRING
- ㊺ REVERSE SYNCHRO HUB
- ㊻ SPRING WASHER
- ㊼ NEUTRAL POSITION SWITCH
25 N-m (2.5 kg-m, 18 lb-ft)
- ㊽ BACK-UP LIGHT SWITCH
25 N-m (2.5 kg-m, 18 lb-ft)
- ㊾ REVERSE LOCKOUT SUB HARNESS
- ㊿ TRANSMISSION HOUSING
- ① TRANSMISSION HANGER
- ② TUBE CLAMP
- ③ 62 mm SNAP RING
- ④ 78 mm SNAP RING
- ⑤ 32 x 78 x 20 mm BALL BEARING
- ⑥ 16 x 27 x 16 mm OIL SEAL Replace.
- ⑦ SHIFT ROD BOOT
- ⑧ SNAP RINGS
- ⑨ OIL GUIDE PLATES
- ⑩ SEALING BOLT
- ⑪ SEALING WASHER Replace.
- ⑫ SPRING L. 21.0 mm (0.83 in)
- ⑬ STEEL BALL D. 5/16 in
- ⑭ 5TH/6TH SHIFT FORK
- ⑮ 36 mm SEALING BOLT
25 N-m (2.5 kg-m, 18 lb-ft)
- ⑯ TRANSMISSION COVER
- ⑰ EXTENSION STAY
- ⑱ OIL FILLER PLUG
45 N-m (4.5 kg-m, 33 lb-ft)
- ⑲ STRAINER COVER
- ㉑ 29.7 x 2.4 mm O-RING Replace.
- ㉒ WASHER Replace.
- ㉓ STRAINER SET SPRING
- ㉔ OIL PUMP STRAINER
- ㉕ SECONDARY COVER
- ㉖ 45 x 61 x 8 mm OIL SEAL Replace.
- ㉗ OIL GUIDE PIPE
- ㉘ REVERSE PIPE
- ㉙ WASHERS Replace.
- ㉚ JOINT BOLT
29 N-m (2.9 kg-m, 21 lb-ft)
- ㉛ OIL PUMP PIPE B
- ㉜ DRAIN PLUG
40 N-m (4.0 kg-m, 29 lb-ft)
- ㉝ OIL PUMP PIPE A
- ㉞ MAGNET
- ㉟ WASHERS Replace.
- ㊱ TRANSMISSION STAY
- ㊲ REVERSE SHIFT SHAFT
- ㊳ REVERSE SHIFT PIECE
- ㊴ 3RD/4TH SHIFT FORK
- ㊵ 5TH/6TH SHIFT FORK SHAFT
- ㊶ 3RD/4TH SHIR FORK SHAFT
- ㊷ 1ST/2ND SHIFT FORK SHAFT
- ㊸ 1ST/2ND SHIFT FORK
- ③ 36 mm SEALING BOLT
80 N-m (8.0 kg-m, 58 lb-ft)
- ④ 75 mm THRUST SHIM
Selection, page 13-48
- ⑤ TAPERED ROLLER BEARING
- ⑥ SECONDARY GEAR
- ⑦ TAPERED ROLLER BEARING
- ⑧ 90 mm THRUST WASHER
- ⑨ 37.5 x 47 x 7 mm OIL SEAL
Replace.
- ⑩ REVERSE LOCKOUT SOLENOID
- ⑪ SELECT LOCK PIN
- ⑫ SELECT LOCK RETURN SPRING
- ⑬ OIL PUMP SHAFT
- ⑭ OIL GUIDE PIPE C
- ⑮ OIL PUMP PLATE
- ⑯ RELIEF VALVE SPRING
L. 16.84 mm (0.663 in)
- ⑰ OIL PUMP INNER ROTOR
- ⑱ OIL PUMP OUTER ROTOR
- ⑲ STEEL BALL D. 5/16 in
- ㉑ CHANGE HOLDER
- ㉒ 33 x 62 x 22 mm NEEDLE BEARING
- ㉓ COUNTERSHAFT
- ㉔ REVERSE GEAR
- ㉕ 60 mm THRUST SHIM
Selection, page 13-43
- ㉖ 47 x 53 x 31 mm NEEDLE BEARING
- ㉗ 1ST GEAR
- ㉘ FRICTION DAMPER
- ㉙ SYNCHRO RING
- ㉚ SYNCHRO SPRING
- ㉛ 1ST/2ND SYNCHRO HUB
- ㉜ 1ST/2ND SYNCHRO SLEEVE
- ㉝ SYNCHRO SPRING
- ㉞ DOUBLE CONE SYNCHRO
- ㉟ SPACER
Selection, page 13-43
- ㊱ 2ND GEAR
- ㊲ 3RD GEAR
- ㊳ 4TH GEAR
- ㊴ 5TH GEAR
- ㊵ 6TH GEAR
- ㊶ 28 x 62 x 16 mm NEEDLE BEARING
- ㊷ LOCKNUT Left-hand threads
Replace.
165→0→165 N-m
(16.5→0→16.5 kg-m,
119→0→119 lb-ft)
- ㊸ SELECT LOCK COLLAR
- ㊹ SOLENOID CONNECTOR CLAMP
- ㊺ 16.8 x 1.9 mm O-RING Replace.