

## FORD/MAZDA 4F27E/FN4A-EL CORRECTED VALVE BODY EXPLODED VIEWS

Some 4F27E/FN4A-EL technical manuals may have confusing information in the valve body section and includes the exploded views of all valve bodies. We have provided you with corrected information which includes the proper names of the valves and springs and identification of the solenoids. Refer to Figure 1 for solenoid identification and Figures 2 and 3 for exploded views of the valve body and solenoid body.

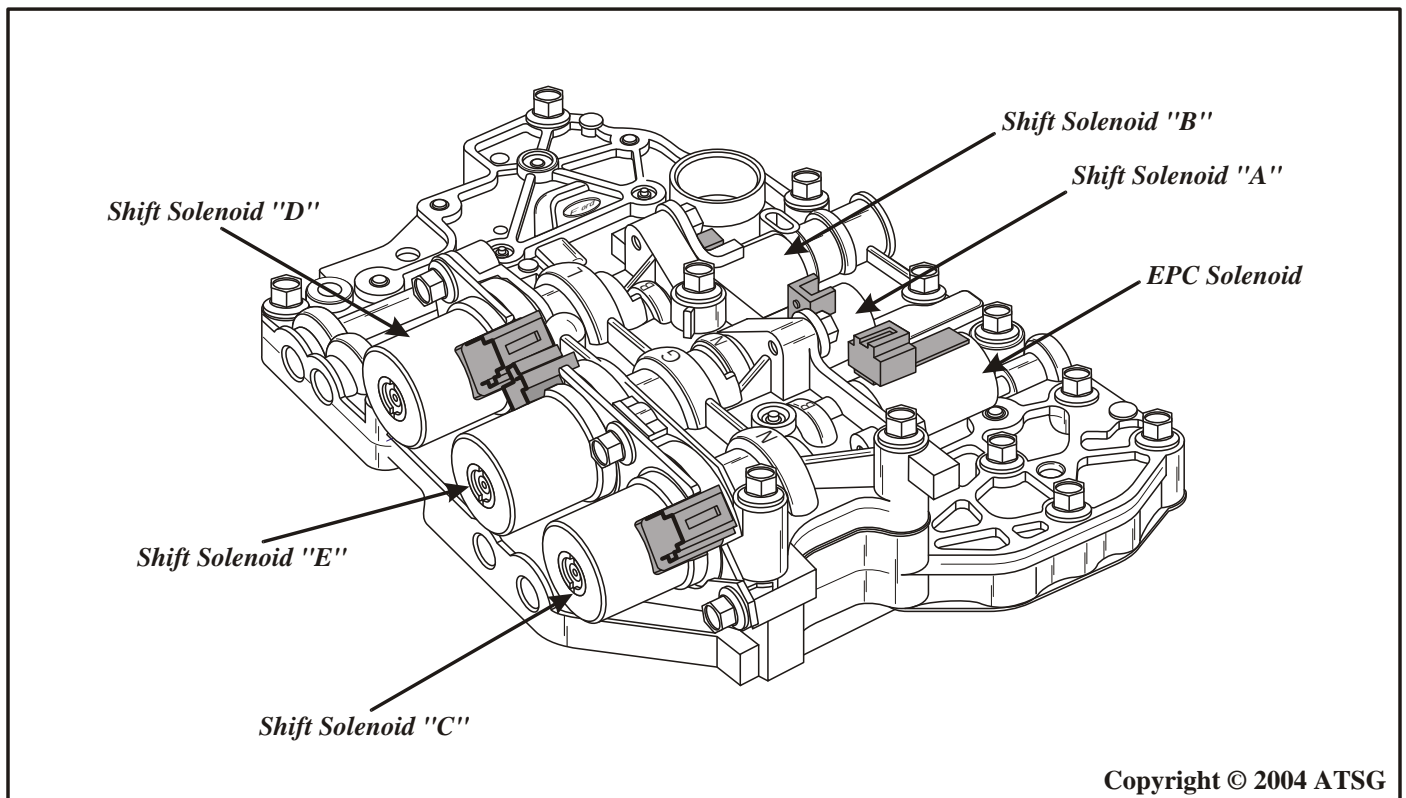
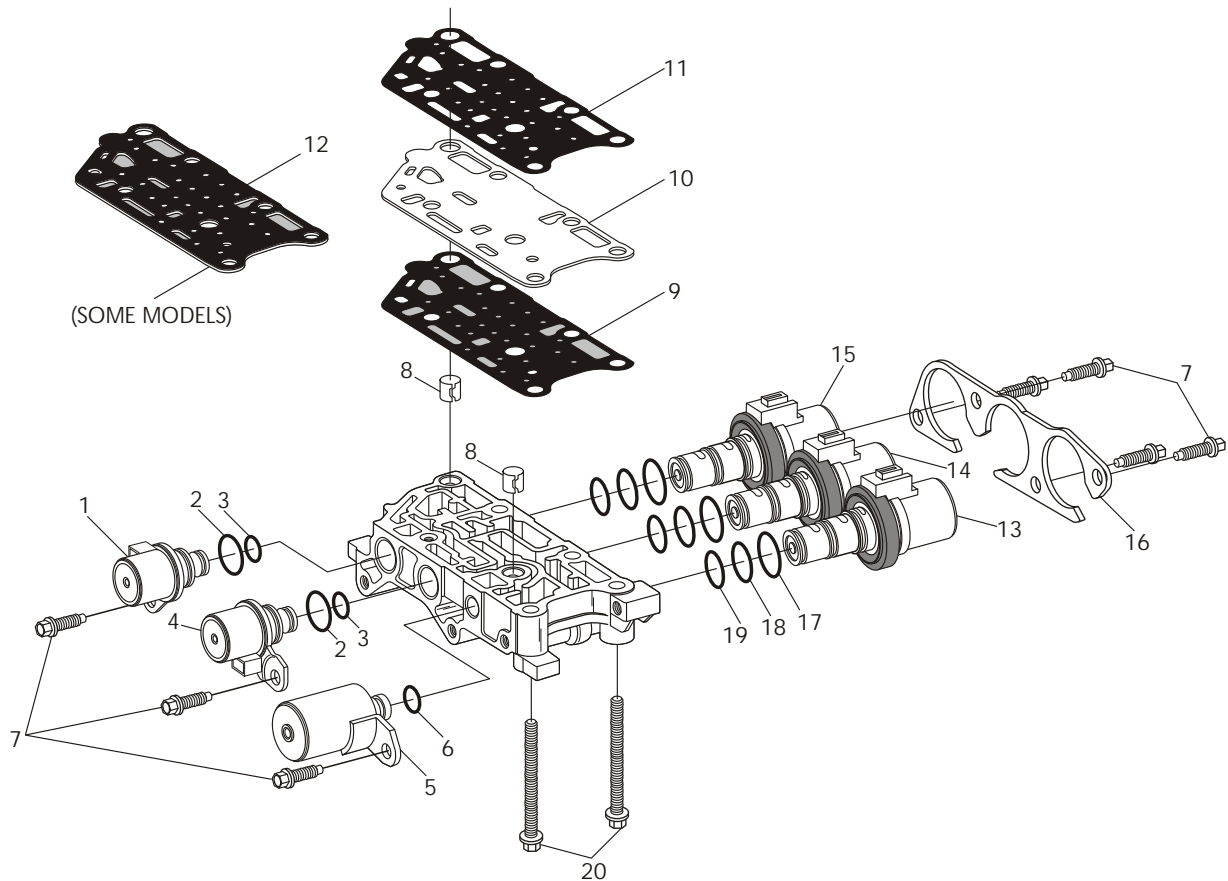


Figure 1

## SOLENOID BODY EXPLODED VIEW

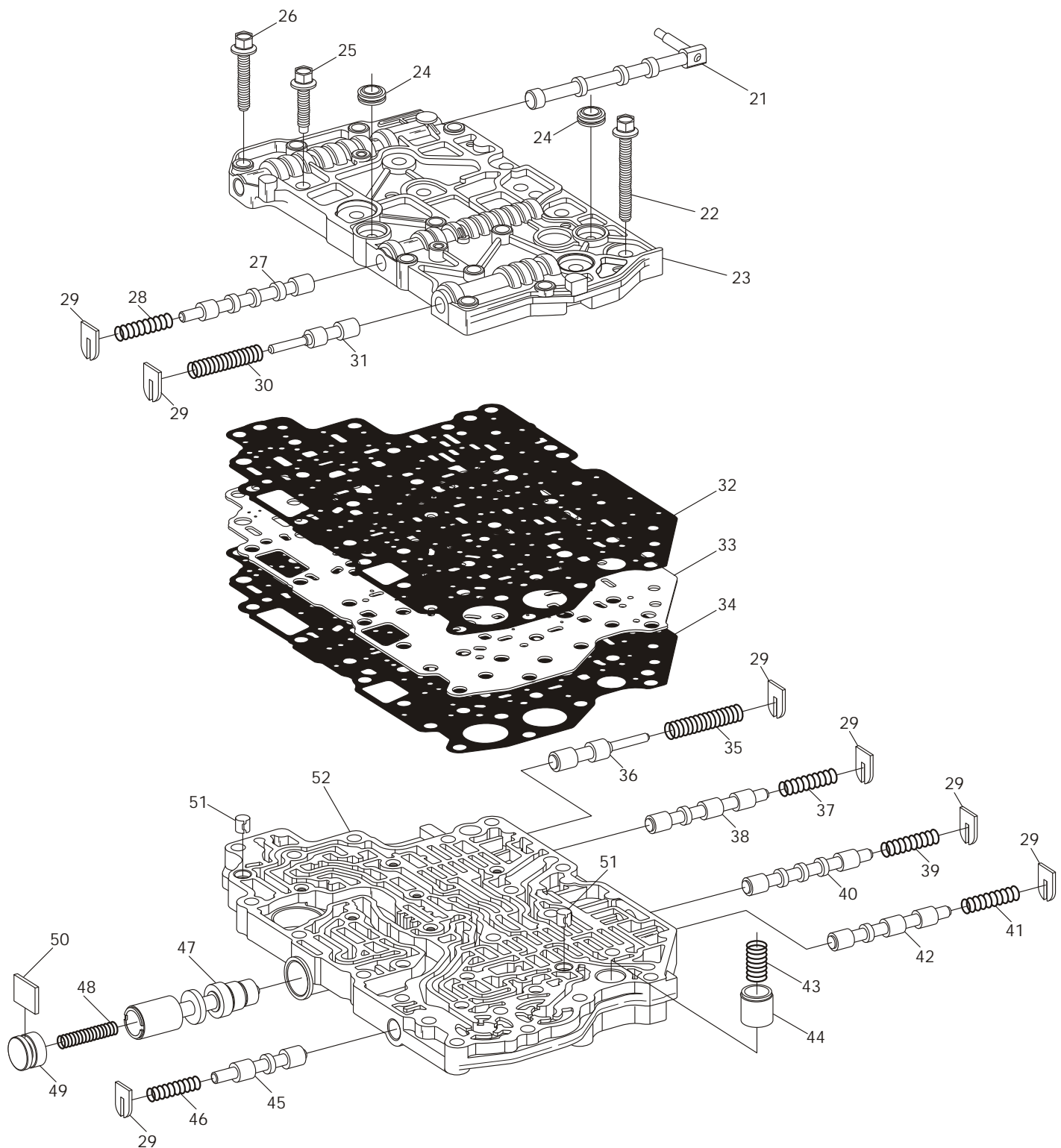


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|---|---|
| 1 SHIFT SOLENOID "B"  | 27 LOW/REVERSE SHIFT VALVE                                  |
| 2 SHIFT SOLENOID "A" AND "B" LARGE "O" RING SEAL              | 28 LOW/REVERSE SHIFT VALVE SPRING                           |
| 3 SHIFT SOLENOID "A" AND "B" SMALL "O" RING SEAL              | 29 VALVE LINE-UP RETAINER (7 REQUIRED)                      |
| 4 SHIFT SOLENOID "A"  | 30 SOLENOID PRESSURE REGULATOR VALVE SPRING                 |
| 5 ELECTRONIC PRESSURE CONTROL (EPC) SOLENOID                  | 31 SOLENOID PRESSURE REGULATOR VALVE                        |
| 6 EPC SOLENOID "O" RING SEAL                                  | 32 UPPER VALVE BODY TO SPACER PLATE GASKET                  |
| 7 SOLENOID RETAINING BOLTS (7 REQUIRED)                       | 33 VALVE BODY SPACER PLATE                                  |
| 8 SOLENOID BODY TO LOWER V. B. ALIGNMENT DOWELS (2 REQ)       | 34 LOWER VALVE BODY TO SPACER PLATE GASKET                  |
| 9 SOLENOID BODY TO SPACER PLATE GASKET, WITH SCREENS          | 35 TORQUE CONVERTER RELIEF VALVE SPRING                     |
| 10 SOLENOID BODY SPACER PLATE                                 | 36 TORQUE CONVERTER RELIEF VALVE                            |
| 11 SOLENOID BODY SPACER PLATE TO LOWER V. B. GASKET           | 37 TORQUE CONVERTER CLUTCH CONTROL VALVE SPRING             |
| 12 SPACER PLATE WITH MOLDED GASKETS (SOME MODELS)             | 38 TORQUE CONVERTER CLUTCH CONTROL VALVE                    |
| 13 PWM SHIFT SOLENOID "C"                                     | 39 CLUTCH CONTROL VALVE SPRING                              |
| 14 PWM SHIFT SOLENOID "E"                                     | 40 CLUTCH CONTROL VALVE                                     |
| 15 PWM SHIFT SOLENOID "D"                                     | 41 3-4 SHIFT VALVE SPRING                                   |
| 16 PWM SHIFT SOLENOID RETAINING PLATE                         | 42 3-4 SHIFT VALVE  |
| 17 PWM SHIFT SOLENOID LARGE "O" RING SEAL (3 REQUIRED)        | 43 SHIFT SOLENOID "C" ACCUMULATOR SPRING                    |
| 18 PWM SHIFT SOLENOID MEDIUM "O" RING SEAL (3 REQUIRED)       | 44 SHIFT SOLENOID "C" ACCUMULATOR PISTON                    |
| 19 PWM SHIFT SOLENOID SMALL "O" RING SEAL (3 REQUIRED)        | 45 SOLENOID SHIFT VALVE                                     |
| 20 SOLENOID BODY TO CASE BOLTS, 71mm LENGTH (2 REQUIRED)      | 46 SOLENOID SHIFT VALVE SPRING                              |
| 21 MANUAL SHIFT VALVE   | 47 MAIN PRESSURE REGULATOR VALVE                            |
| 22 SOLENOID BODY RETAINING BOLTS, 59mm LENGTH (5 REQUIRED)    | 48 MAIN PRESSURE REGULATOR VALVE SPRING                     |
| 23 UPPER VALVE BODY CASTING                                   | 49 MAIN PRESSURE REGULATOR VALVE BORE PLUG                  |
| 24 VALVE BODY TO CASE SEALS (2 REQUIRED)                      | 50 MAIN PRESSURE REGULATOR VALVE BORE PLUG RETAINER         |
| 25 UPPER V. B. TO LOWER V. B. BOLTS, 32mm LENGTH (5 REQUIRED) | 51 LOWER V. B. TO UPPER V. B. ALIGNMENT DOWELS (2 REQUIRED) |
| 26 UPPER V. B. TO LOWER V. B. BOLTS, 40mm LENGTH (9 REQUIRED) | 52 LOWER VALVE BODY CASTING                                 |

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Figure 2

## UPPER AND LOWER VALVE BODY EXPLODED VIEW



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Figure 3