



Technical Service Information

MITSUBISHI F4A40/50 SERIES NEW PLASTIC BODY SOLENOID

CHANGE: In the 2000 model year, some Mitsubishi F4A40 series transaxles were equipped with a new design Plastic Body Solenoids.

REASON: The reason for the change was for calibration issues. The flow rate of the plastic body solenoid is 1.8 liters per minute. The Previous design Metal Body solenoids, which are still in use on other models, flow at 2.5 liters per minute.

PARTS AFFECTED:

The solenoids are the only change and are model dependant. Refer to Figure 1 for the identification of the new solenoid. The part number is etched in the end of the solenoid casing. See Figure 2 for the Solenoid locations on the valve body of the F4A series front wheel drive models

INTERCHANGE:

The two different solenoids are not interchangeable because of the flow rate, although they will fit in all of the valve body bores. Refer to the chart in Figure 3 for model applications of both versions of the Solenoid.

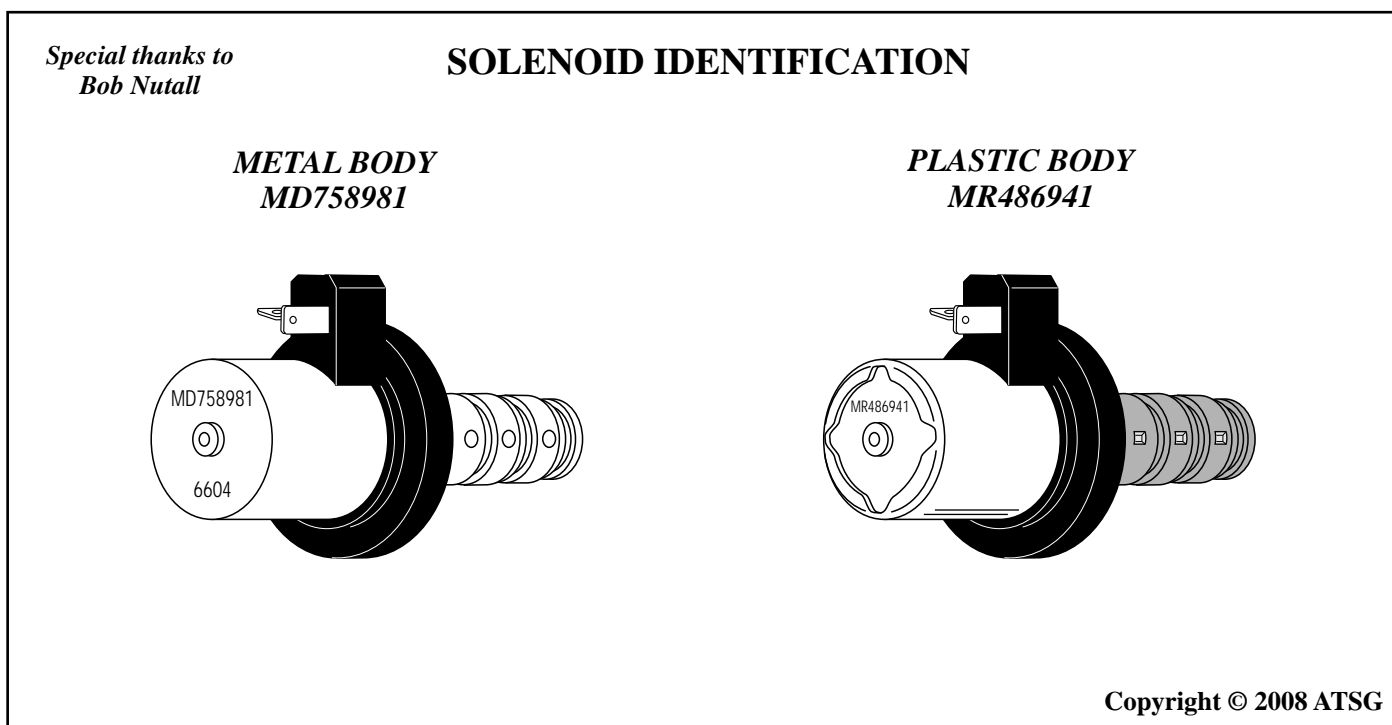
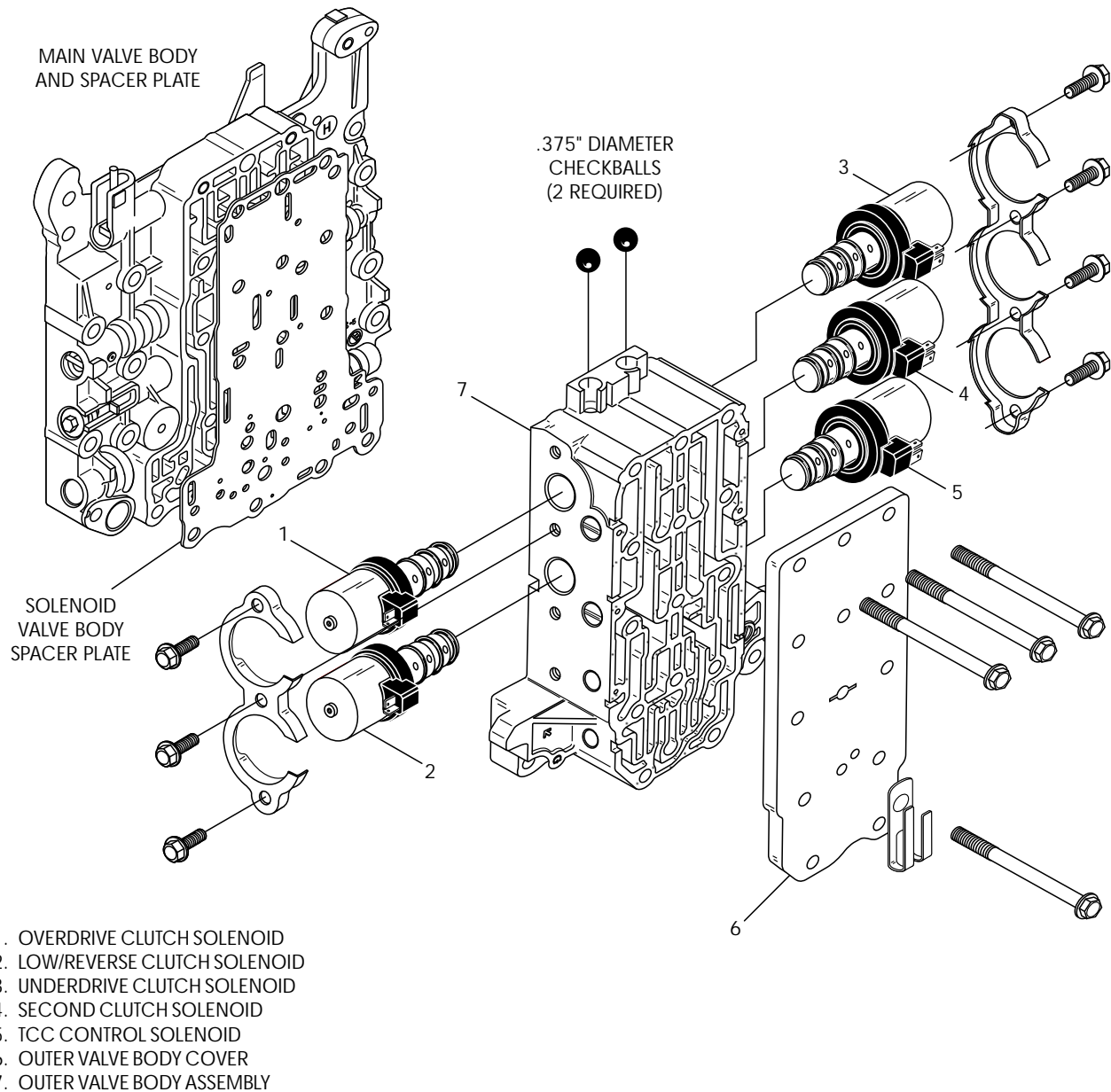


Figure 1

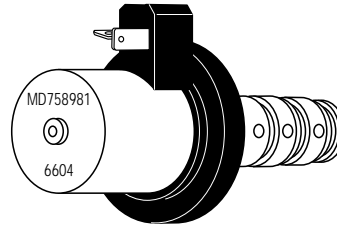
SOLENOID IDENTIFICATION AND LOCATIONS F4A-40/50 SERIES



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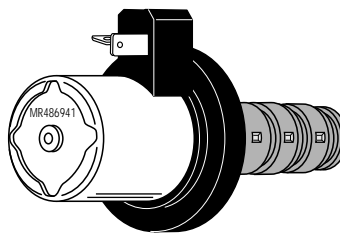
Figure 2

METAL BODY SOLENOID VEHICLE APPLICATIONS MD758981



Diamante 1997 to 2004 3.8L F4A51
Eclipse 2000 and UP 2.4L, 3.0L & 3.8L F4A42, F4A51 & F5A5A
Endeavor 2004 and UP 3.8L F4A5A & W4A5A
Galant 1999 and UP 2.4L, 3.0L & 3.8L F4A4B & F4A5A
Mirage 1997 to 1999 1.5L & 1.8L F4A41 & F4A42
Montero 2001 to 2006 3.5L & 3.8L V4A51 & V5A51
Montero Sport 1999 to 2004 3.0L & 3.5L R4A51 & V4A51

PLASTIC BODY SOLENOID VEHICLE APPLICATIONS MR486941



Mirage 2000 to 2002 2.0L F4A4B
Lancer 2002 and UP 2.0L & 2.4L F4A4B
Lancer Sportback 2004 2.4L F4A4B
Outlander 2003 to 2006 2.4L F4A4B & W4A4B

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Figure 3