



Technical Service Information

CHRYSLER 45RFE NEW SOLENOID PACK

CHANGE: A new design Solenoid pack was introduced as a running change in the 2004 model year.

REASON: Greatly reduced operational noise by using internal solenoids.

PARTS AFFECTED:

- (1) SOLENOID PACK - Totally re-designed casting with changes in the worm track area as shown in Figure 1.
- (2) SOLENOID BODY SCREEN AND GASKET ASSEMBLY - Changed to accommodate the changes in the Solenoid Pack and is illustrated in Figure 2.
- (3) TRS/ AND 23 WAY CONNECTOR - Changed to accommodate internal solenoids. See Figures 3 and 4 for early design and Figures 5 and 6 for updated design.
- (4) RANGE SENSOR SELECTOR PLATE - The pocket for the T41 pin was made deeper and is illustrated in Figure 7.

SERVICE INFORMATION:

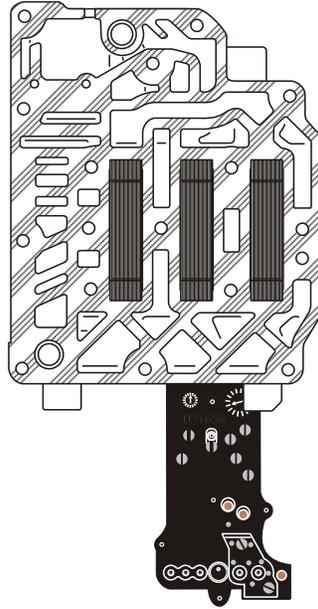
Solenoid Pack (1999-2003 with updated range sensor plate).....68002342AB
Solenoid Pack (2004 - up without updated range sensor plate).....5170877AC

INTERCHANGEABILITY

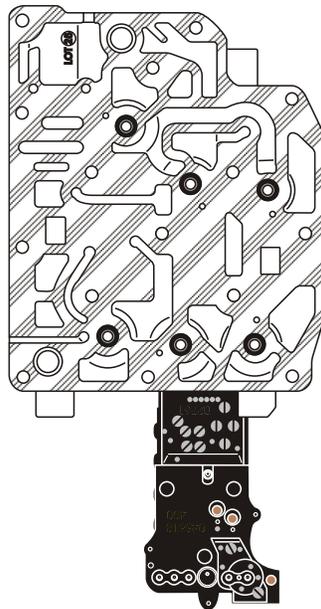
The new design Solenoid Pack, Gasket and range sensor plate will retro-fit back on previous models.

Special Note: The 1999 - 2003 range sensor plate can be modified and used with the updated Solenoid Pack. by making the T41 pocket .040" deeper (Figure 7).

EARLY SOLENOID PACK



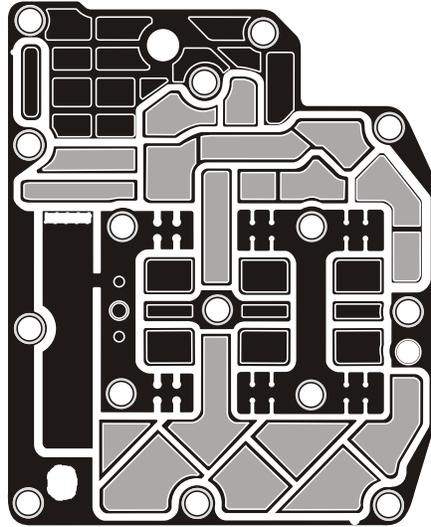
LATE SOLENOID PACK



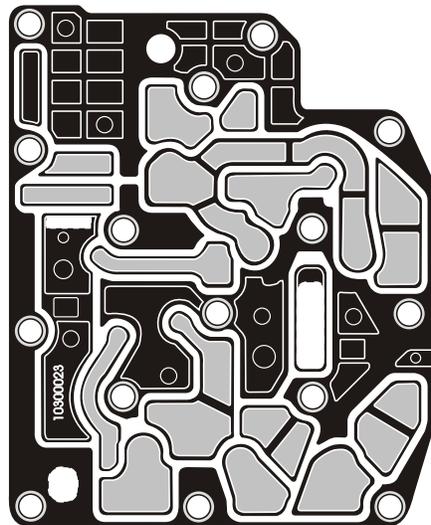
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Figure 1

EARLY GASKET



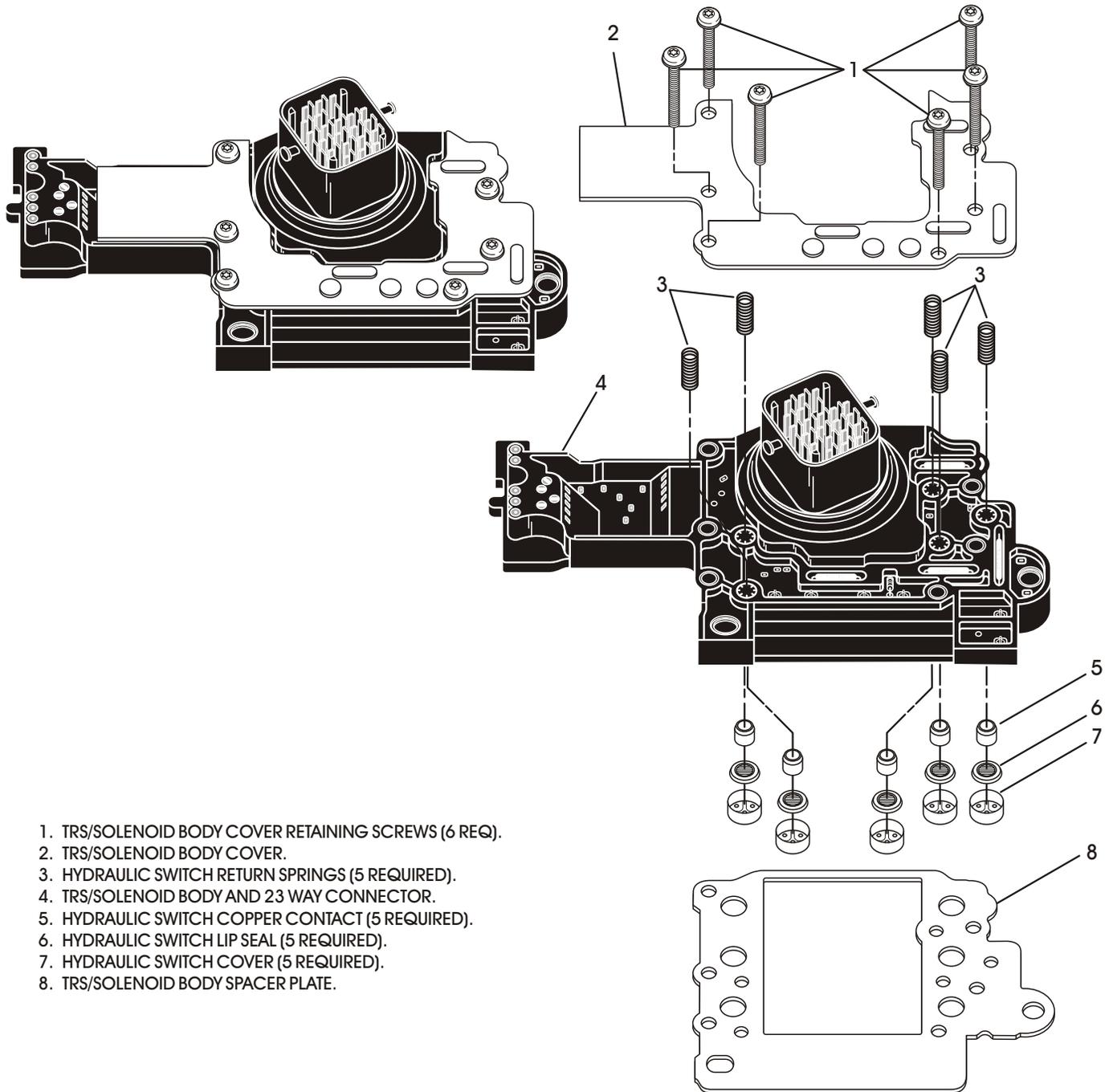
LATE GASKET



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Figure 2

EARLY TRANSMISSION RANGE SENSOR EXPLODED VIEW

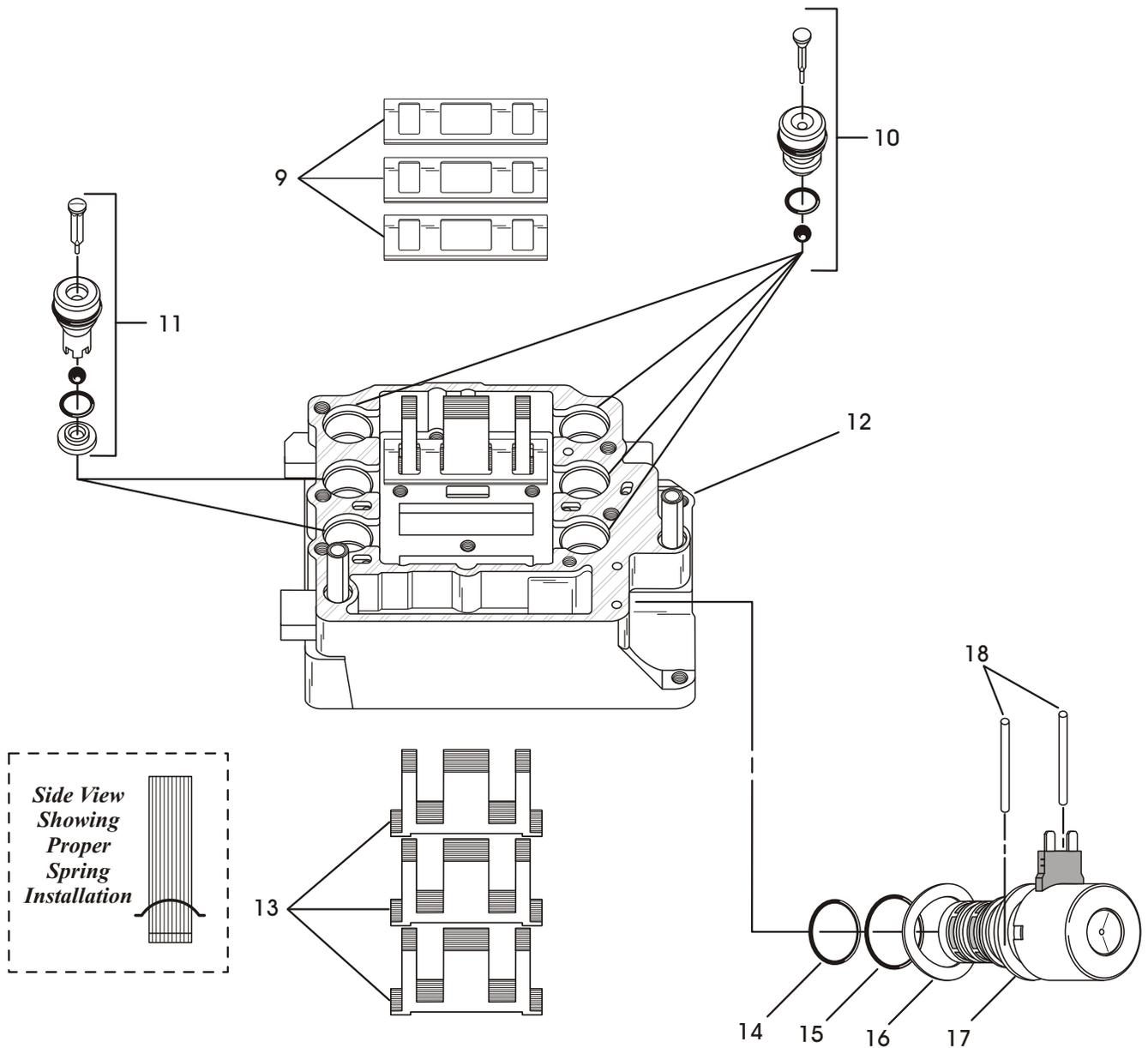


1. TRS/SOLENOID BODY COVER RETAINING SCREWS (6 REQ).
2. TRS/SOLENOID BODY COVER.
3. HYDRAULIC SWITCH RETURN SPRINGS (5 REQUIRED).
4. TRS/SOLENOID BODY AND 23 WAY CONNECTOR.
5. HYDRAULIC SWITCH COPPER CONTACT (5 REQUIRED).
6. HYDRAULIC SWITCH LIP SEAL (5 REQUIRED).
7. HYDRAULIC SWITCH COVER (5 REQUIRED).
8. TRS/SOLENOID BODY SPACER PLATE.

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Figure 3

EARLY SOLENOID PACK EXPLODED VIEW

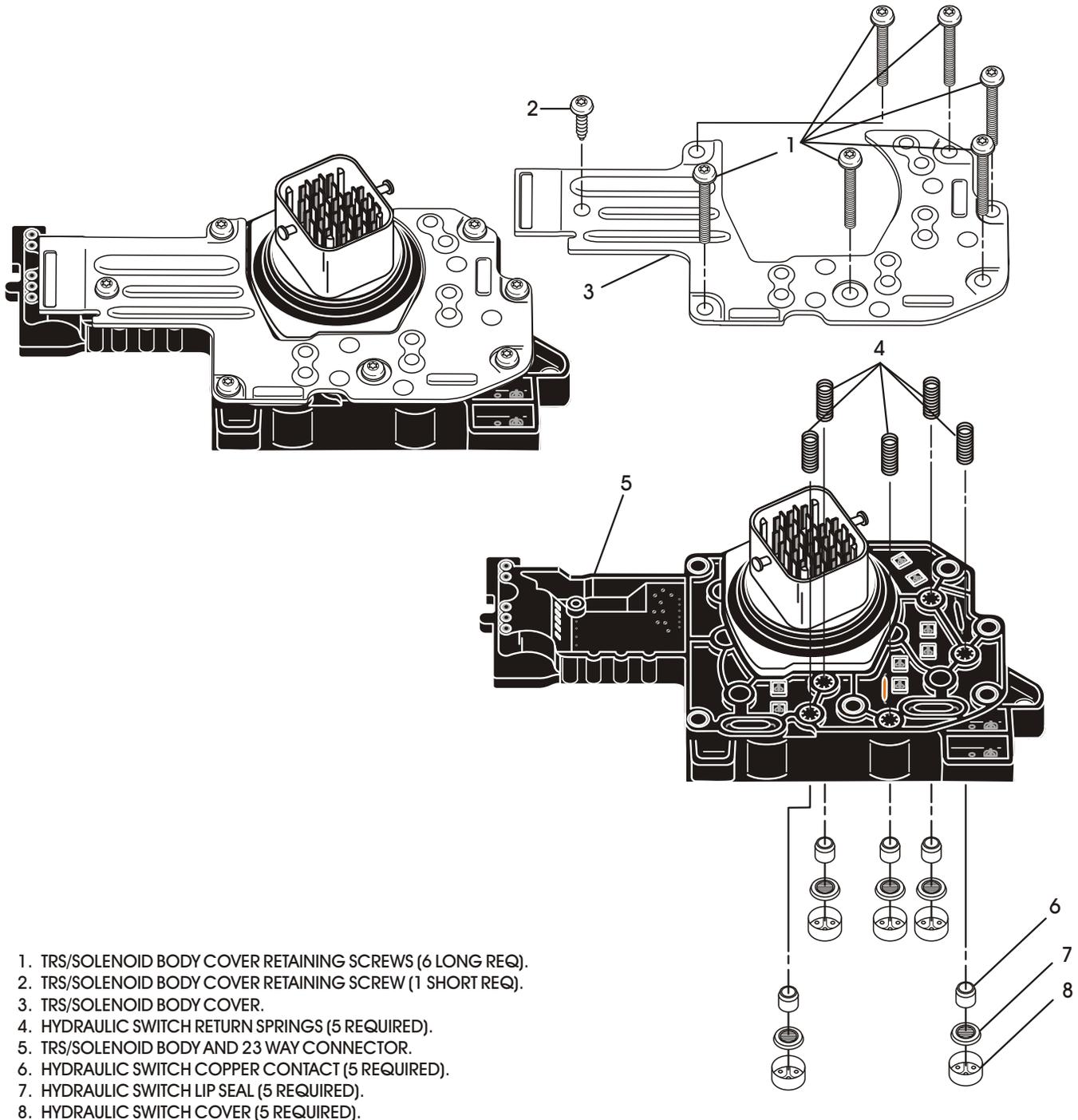


- 9. SOLENOID RETENTION SPRINGS (3 REQUIRED).
- 10. SOLENOID NEEDLE VALVE/SEAT ASSEMBLY (4 REQUIRED)
LR/CC, OD, 2ND CLUT, 4TH CLUT SOLENOIDS.
- 11. SOLENOID NEEDLE VALVE/SEAT ASSEMBLY (2 REQUIRED)
MULTI-SELECT AND UNDERDRIVE SOLENOIDS.
- 12. SOLENOID NEEDLE AND SEAT BODY.
- 13. SHIFT SOLENOID POLES (3 REQUIRED).
- 14. LINE PRESSURE SOLENOID SMALL "O" RING.
- 15. LINE PRESSURE SOLENOID LARGE "O" RING.
- 16. LINE PRESSURE SOLENOID WAVE WASHER.
- 17. LINE PRESSURE SOLENOID.
- 18. LINE PRESSURE SOLENOID RETAINING PINS (2 REQUIRED).

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Figure 4

LATE TRANSMISSION RANGE SENSOR EXPLODED VIEW

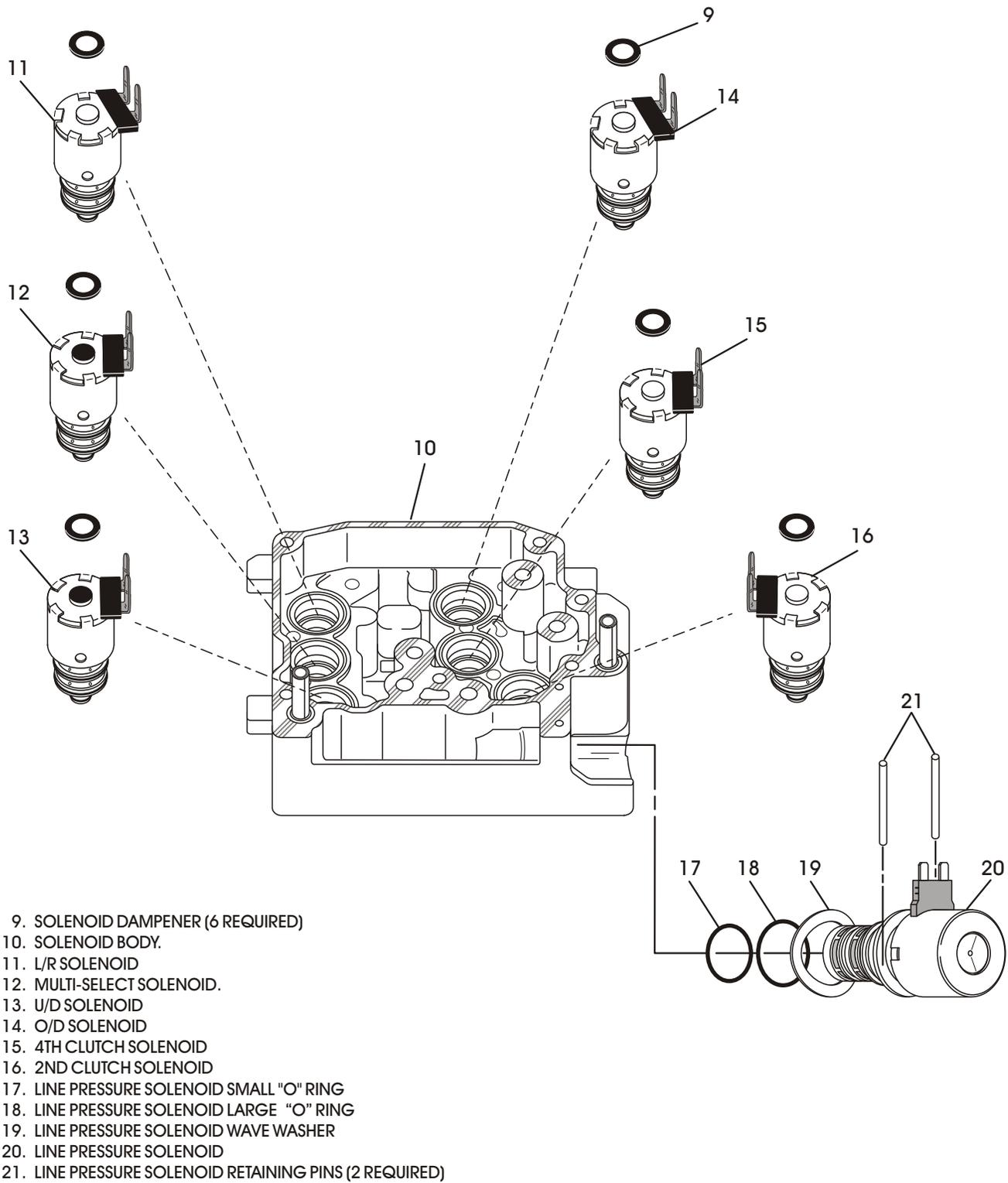


1. TRS/SOLENOID BODY COVER RETAINING SCREWS (6 LONG REQ).
2. TRS/SOLENOID BODY COVER RETAINING SCREW (1 SHORT REQ).
3. TRS/SOLENOID BODY COVER.
4. HYDRAULIC SWITCH RETURN SPRINGS (5 REQUIRED).
5. TRS/SOLENOID BODY AND 23 WAY CONNECTOR.
6. HYDRAULIC SWITCH COPPER CONTACT (5 REQUIRED).
7. HYDRAULIC SWITCH LIP SEAL (5 REQUIRED).
8. HYDRAULIC SWITCH COVER (5 REQUIRED).

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Figure 5

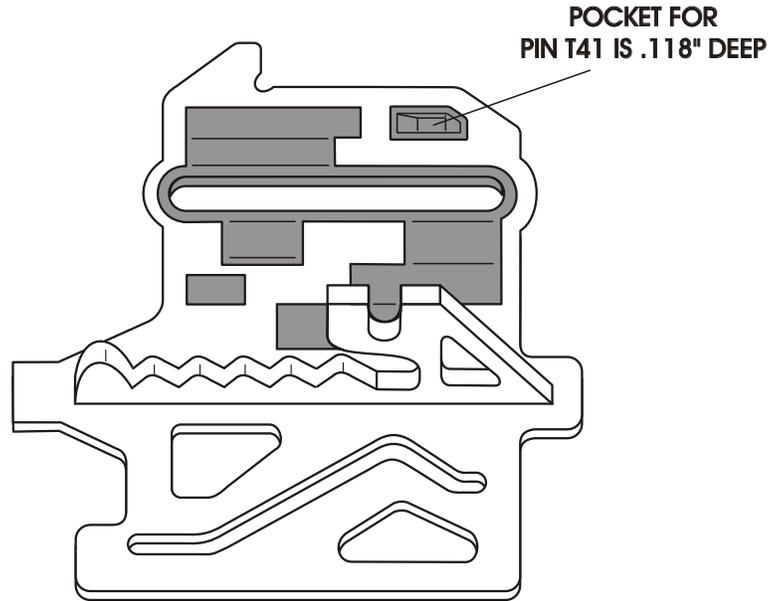
LATE SOLENOID IDENTIFICATION



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Figure 6

EARLY RANGE SENSOR PLATE



LATE RANGE SENSOR PLATE

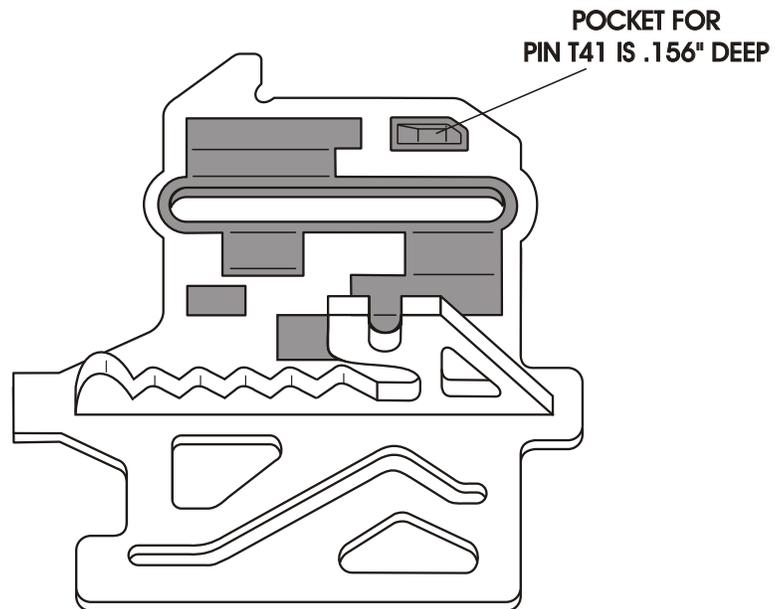


Figure 7