



# Technical Service Information

## CHRYSLER A500/518

### PROPER DIRECT AND O.D. CLUTCH ASSEMBLY

1. Install direct clutch pressure plate on sliding hub with **INSIDE LIP DOWN**, as shown in Figure 1.
2. Install direct clutch plates beginning with a friction plate (See Figure 1) The number of direct clutch friction and steel plates depends on the engine size. See chart below.

	<b>FRICTION</b>	<b>STEEL</b>
A-500 3.9L ENGINE	5	4
A-500 5.2L ENGINE	6	5
A-518 ALL MODELS	8	7

3. Install direct clutch reaction plate in direct clutch housing with **OUTSIDE LIP UP**, as shown in Figure 1.
4. Install direct clutch "Waved" snap ring which is the smallest diameter of the two waved snap rings.

**NOTE: THE SLIDING HUB AND 800 POUND SPRING MUST BE COMPRESSED IN A BEARING PRESS TO INSTALL THIS SNAP RING. ALSO INSTALL THE SAFETY RETAINING RING ON THE SUN GEAR WHILE SPRING IS COMPRESSED.**

5. Install the **FLAT** overdrive clutch snap ring into the groove in extension housing, as shown in Figure 1.
6. Install the **WAVED** overdrive clutch snap ring in the same groove on top of the flat snap ring, as shown in Figure 1.
7. Install overdrive clutch reaction plate (Thinnest) on top of the snap rings, as shown in Figure 1.
8. Install overdrive clutch plates beginning with a friction plate, and alternate with steel plate, as shown in Figure 1. and 2 steel plates on all models.
9. Install overdrive clutch pressure plate (Thickest) on top of the overdrive plates, as shown in Figure 1.
10. Install the **ROUND** wire retaining ring in groove in the extension housing, as shown in Figure 1, to retain the overdrive pack in position for assembly. Overdrive clutch requires 3 friction

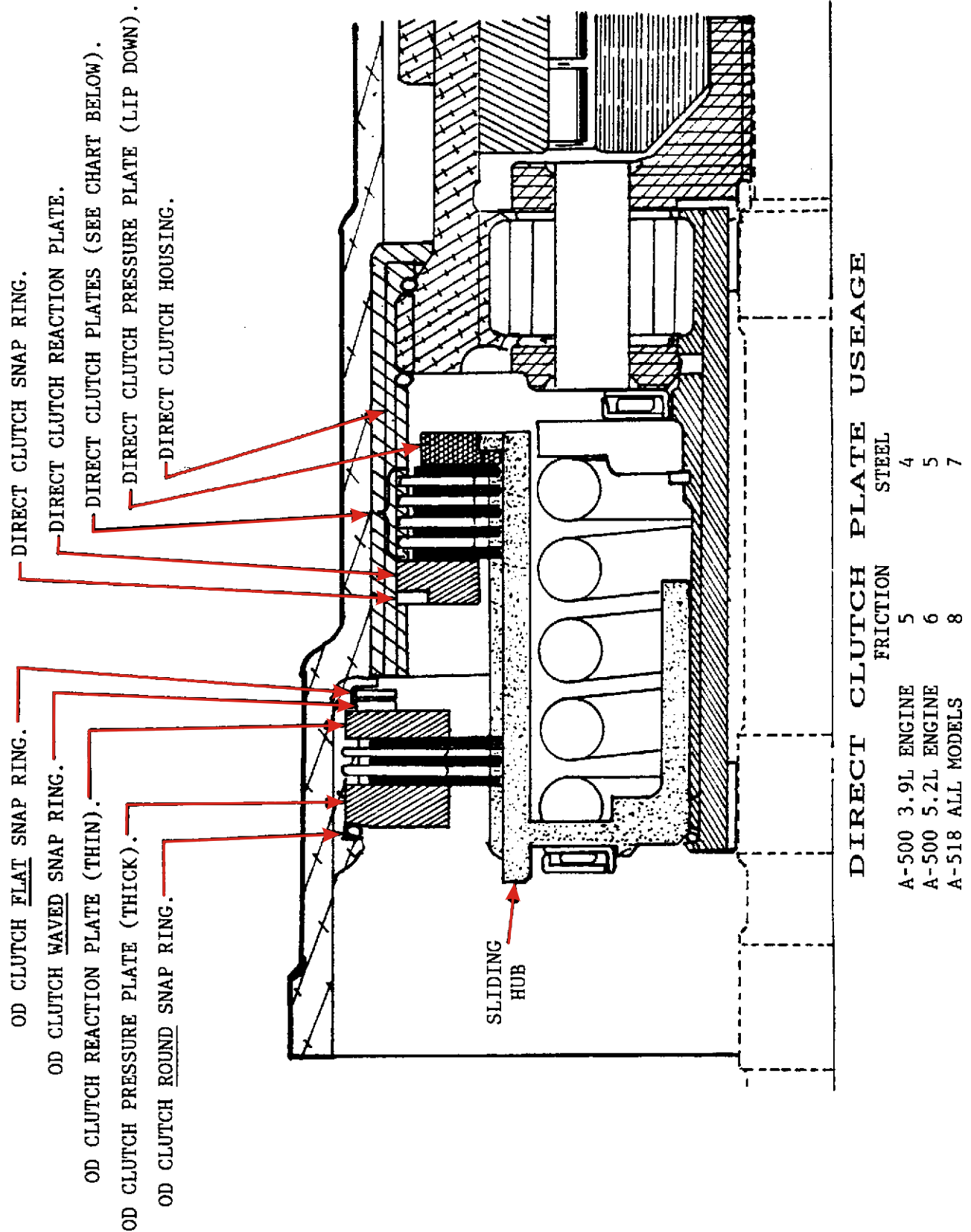


Figure 1