



Technical Service Information

FORD AX4S, AX4N, 4F50N NO THIRD GEAR

COMPLAINT: After overhaul, Ford vehicles equipped with the AX4S, AX4N or 4F50N, may exhibit a complaint of no third gear.

CAUSE: The cause may be that during overhaul, the direct clutch bonded piston was replaced and the apply ring was not transferred to the new piston. Refer to the cross-sectional view in Figure 1 which shows that when the apply ring is left off, the Direct clutch piston will not contact the Direct clutch bottom steel.

CORRECTION: To correct this condition ensure the apply ring is assembled onto the Direct Clutch Piston as shown in Figure 2.

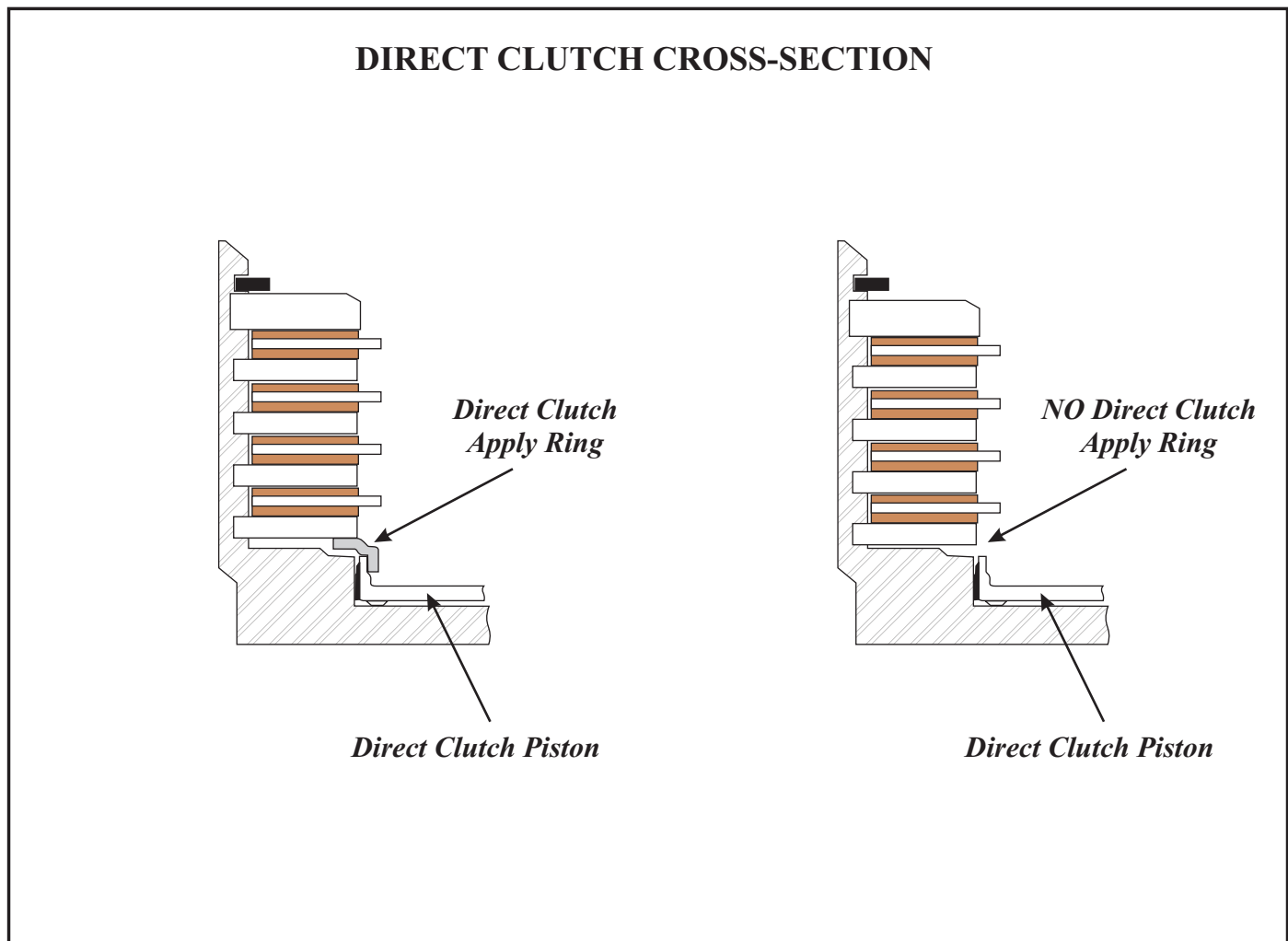
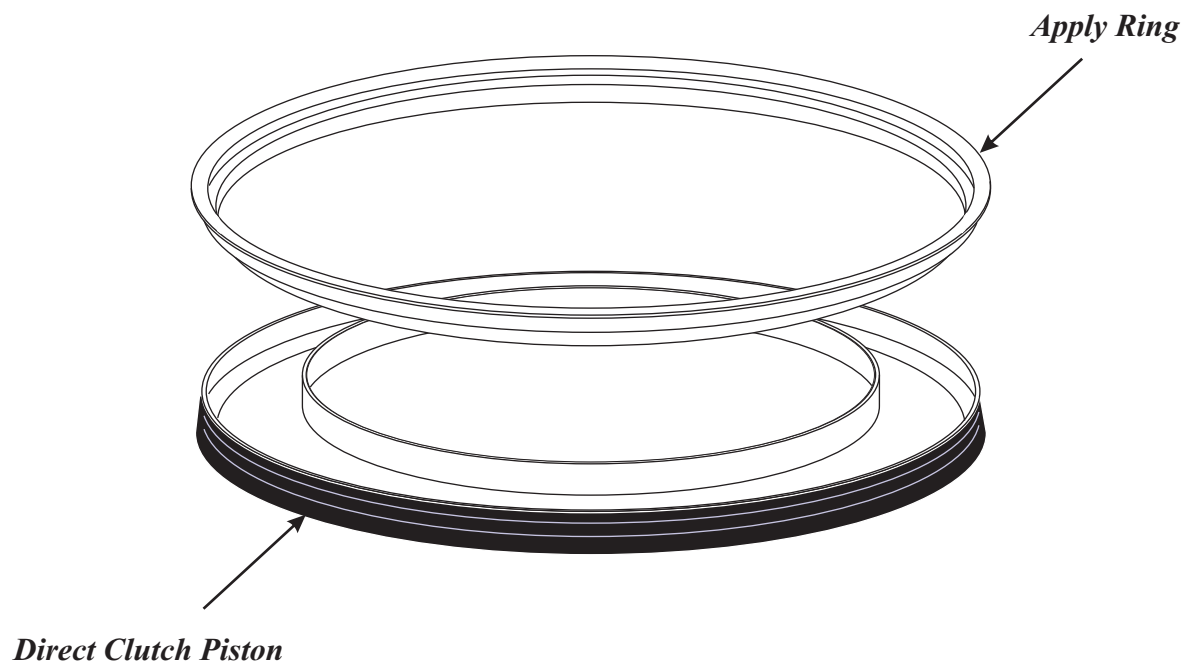


Figure 1

DIRECT CLUTCH PISTON AND APPLY RING



Copyright © 2009 ATSG

Figure 2