



Technical Service Information

FORD AX4N/4F50N N-D DELAY/BANG

COMPLAINT: Ford vehicles equipped with the AX4N / 4F50N transaxle may exhibit a short delay then bang when engaging any forward range.

CAUSE: The cause may be, a worn 1-2 Clutch Accumulator pin and piston causing a slow engagement into Drive. This slow engagement will cause the PCM to elevate line pressure which causes the harsh / bang on engagement. Refer to Figure 1 for the identification of the 1-2 Accumulator pin and piston. Refer to Figure 2 for a cross-sectional view of the 1-2 Clutch Accumulator hydraulic circuit.

CORRECTION: To correct this condition, ensure that the Accumulator pin and piston have a snug fit, replace as necessary.

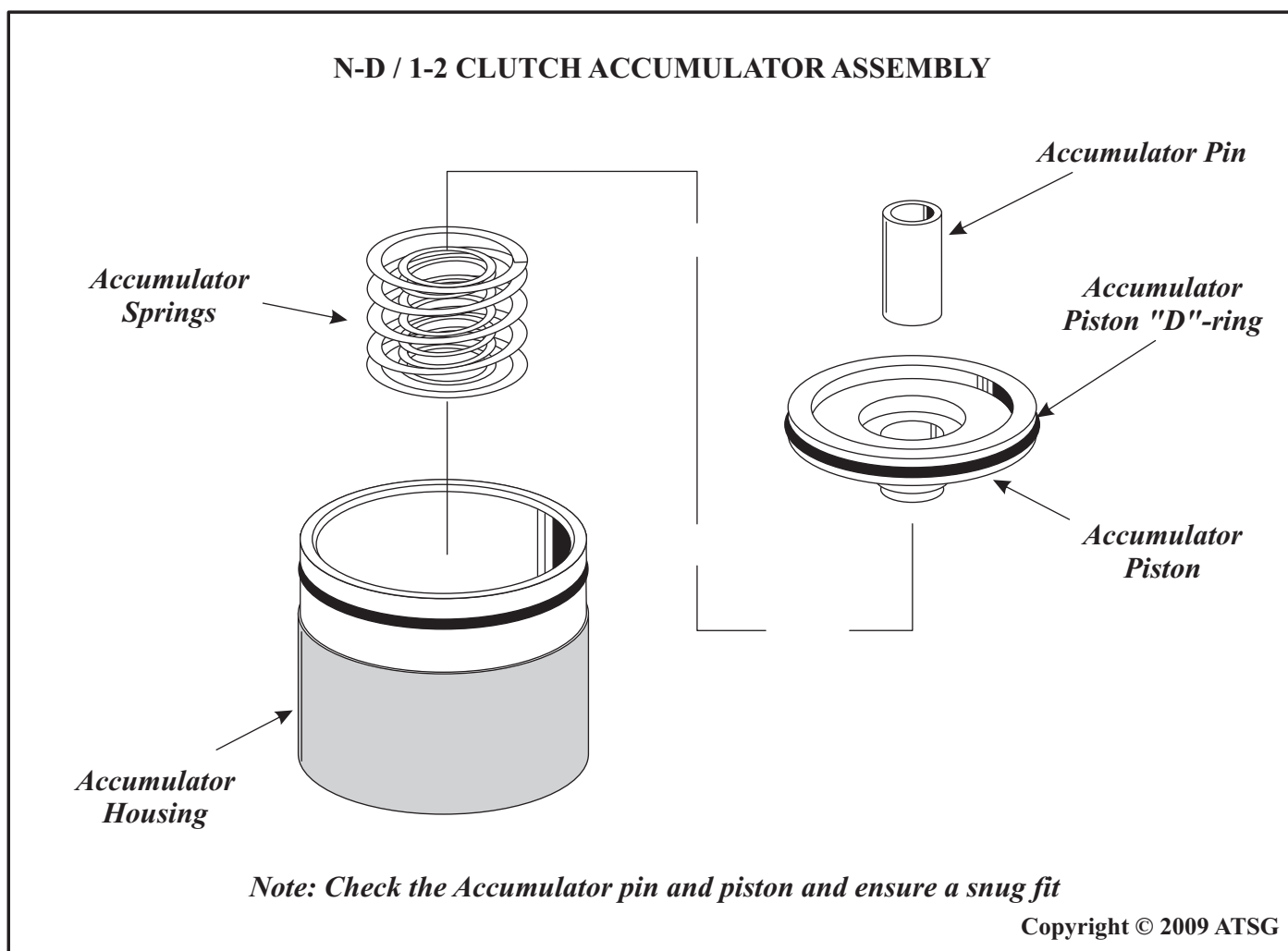
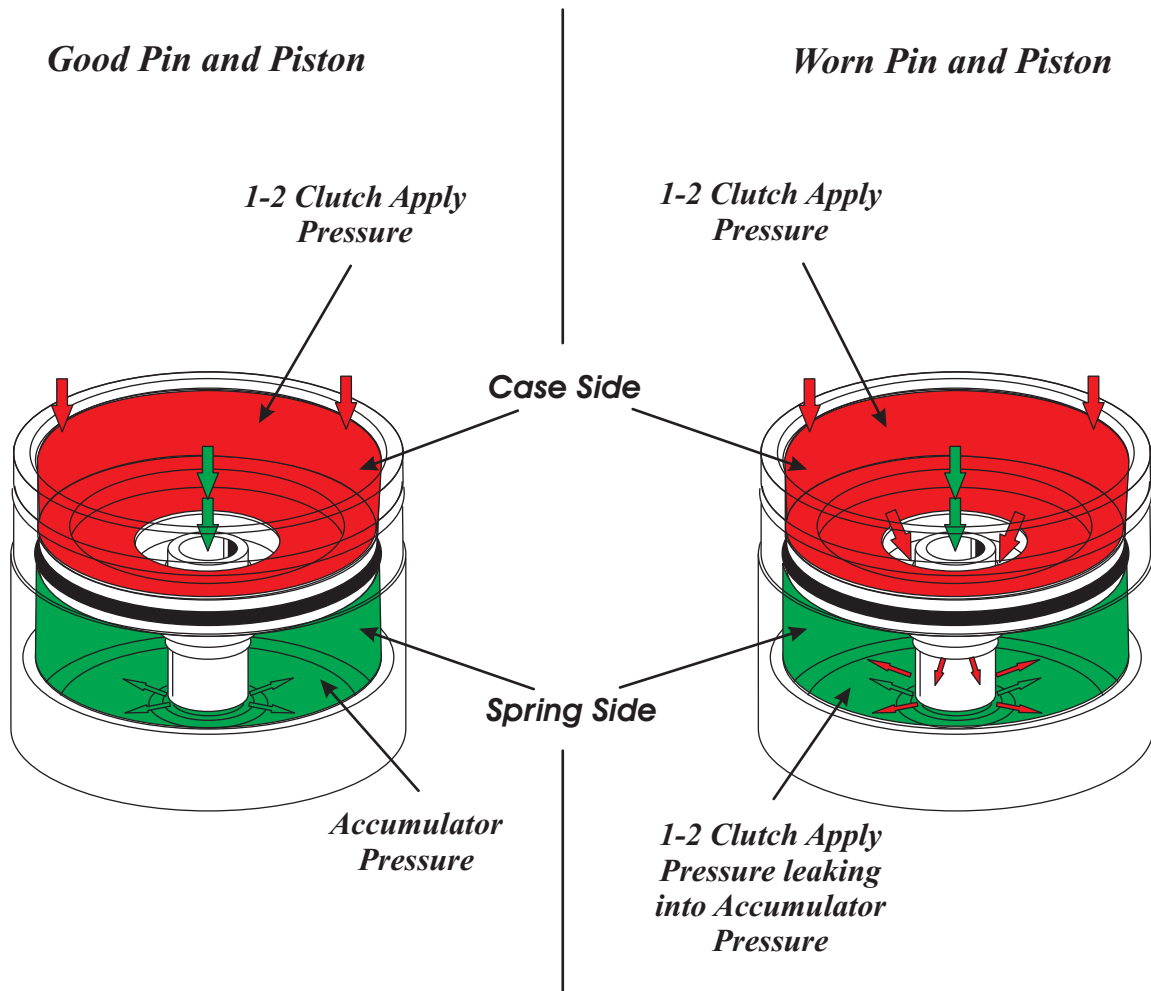


Figure 1

N-D / 1-2 CLUTCH ACCUMULATOR ASSEMBLY



Note: Accumulator Pressure is fed thru the pin to the spring side of the Accumulator Piston, when the Pin wears it will allow 1-2 Clutch Apply pressure to leak into the Accumulator Circuit causing a slow engagement of the 1-2 Clutch.

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Figure 2