



Technical Service Information

FORD AODE/4R70W CONVERTER CLUTCH SHUDDER

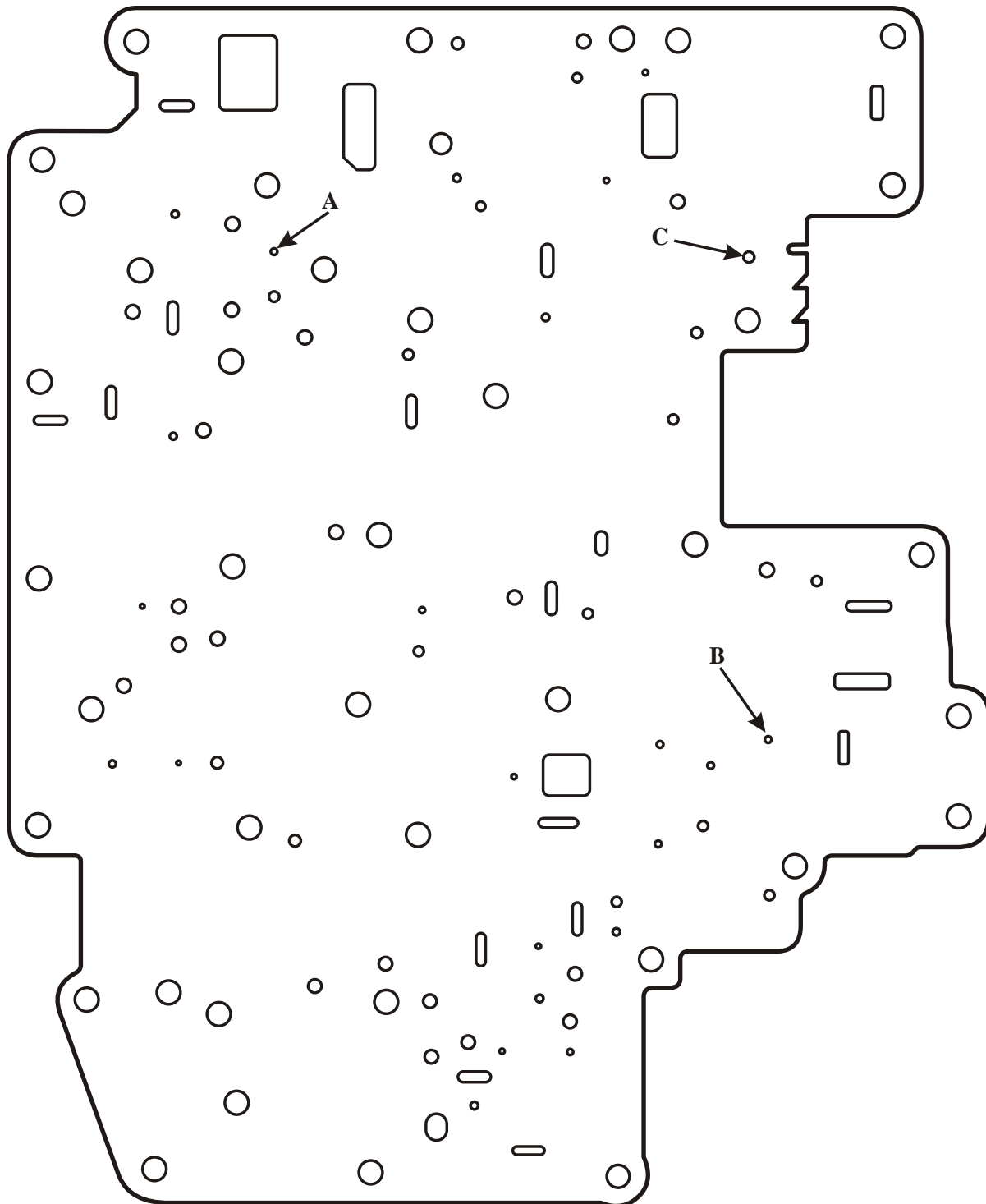
COMPLAINT: Before and/or after rebuild, the vehicle exhibits a converter clutch shudder condition, even with the proper Mercon® transmission fluid installed.

CAUSE: The cause may be, not enough oil to the converter clutch apply circuit.

CORRECTION: Drill the hole marked "A" in Figure 1 out to .062", which increases the volume of oil to the bypass clutch control valve apply circuit.

Drill the hole marked "B" in Figure 1 out to .062", which increases oil volume to the MCC/PWM solenoid. This increased oil to the valve's apply circuit ("A" orifice).

Restrict the hole marked "C" in Figure 1, to approximately .030" using a cotter key, which ensures that apply oil can overcome this balance circuit.

**FORD A0DE/4R70W
TCC SHUDDER**

1. DRILL HOLE MARKED "A" OUT TO .062".
2. DRILL HOLE MARKED "B" OUT TO .062".
3. INSTALL COTTER PIN IN HOLE MARKED "C"
TO REDUCE SIZE TO APPROXIMATELY .030".