



Technical Service Information

FORD/MAZDA F4A-EL / F4EAT STALLS IN DRIVE ONLY

COMPLAINT: Before or after overhaul, vehicle exhibits engine stall in the Drive range selection only. Although this may appear as a "Lock-up" problem it may be "Engine" related.

CAUSE: The cause may be a cracked "Air Cleaner To Intake Manifold Tube" allowing cold air to rush into the "Throttle Body" and "Mass Air Flow Sensor" causing the engine to stumble and die. This normally happens only in the Drive position because when Drive is selected the engine and transmission shift towards the firewall, stretching the tube apart. When Reverse is selected the engine and transmission are shifted away from the firewall, sealing up the cracks in the tube.

CORRECTION: Remove the "Air Cleaner To Intake Manifold Tube," located between the throttle body and the air cleaner box, and inspect for cracks as shown in Figure 1. If cracks are found, duct tape can be used as a temporary fix until the tube can be replaced. Secure hose clamps and make sure that all engine and transmission mounts are good.

