

DIAGNOSIS

GROUP C

Excessively noisy operation.

- C. I. Automatic Transmission excessively noisy when selector lever is in drive, low or reverse and car is standing still.**

CAUSES

1. Low fluid level (see Group D).
2. Fluid intake screen clogged.
3. Damaged front pump drive fingers.
4. Damaged or excessively worn front pump parts.
5. Air leaks in the front pump intake passages in the transmission case or the front pump and collector ring assembly.
6. Improper valve action.

- C. II. Automatic Transmission excessively noisy when car is moving forward.**

CAUSES

1. Damaged or excessively worn rear pump parts.
2. Damaged or excessively worn rear pump drive gear.
3. Damaged or excessively worn speedometer drive gear or pinion.
4. Damaged or worn rear planetary gears. If only in low, front planetary gears defective.

GROUP D

Abnormal external fluid leakage.

- D. I. Fluid leak between the transmission and the torque converter.**

CAUSES

1. Front pump oil seal damaged by front pump drive fingers.
2. Leaking collector ring gasket.
3. Leaking front pump-and-collector ring assembly.
4. Leaking torque converter.

- D. II. Fluid leak at brake cylinders.**

CAUSES

1. Damaged gaskets.
2. Uneven or warped gasket surfaces.

- D. III. Fluid leak at extension case.**

CAUSES

1. Damaged gaskets.

2. Uneven or warped gasket surfaces.
3. Improperly seated governor control shaft bushing.
4. Leaking governor control shaft detent plate stop screw.
5. Damaged parking pawl pivot pin O-ring seal.

- D. IV. Fluid leak at selector control shaft.**

CAUSES

1. Damaged selector control shaft O-ring seal.
2. Bore for selector shaft worn.

- D. V. Fluid leak at transmission oil pan.**

CAUSES

1. Damaged gasket.
2. Uneven or warped gasket surfaces.
3. Interferences between oil pan and pressure plugs.

GROUP E

- E. I. Rear wheel brakes drag after brakes are applied and released while car is moving—brakes release when accelerator pedal is depressed.**

CAUSES

1. Anti-creep pressure switch inoperative.
2. Rear pump pressure low.

- E. II. Rear wheel brakes drag at all times—braking system normal.**

CAUSES

1. Anti-creep solenoid valve sticking.
2. Anti-creep throttle switch and anti-creep pressure switch sticking.