

Troubleshooting

Noise and Vibration

NOTE: Pump noise in first 2 – 3 minutes after starting in cold weather is normal.

Humming

Humming due to pulsation of fluid is normal, particularly when wheel is turned with car stopped.

If equipped with automatic transmission, the hum could be torque converter or pump noise.

Confirm by temporarily removing pump belt.

High pressure line touching the frame.

Reposition the line.

Rattle or chattering

Loose steering shaft connector, tie-rod, or ball joint.

Check and tighten, or replace parts as necessary.

Column shaft wobbling.

Replace column assembly.

Improperly rack clearance.

Replace the steering gearbox.

Rattling sound and feeling when turning the steering wheel right and left with the engine OFF is a sound when the valve unit contacts the stopper. This is normal.

Striking sound when turning the steering wheel fully right or left is a sound when the rack end contacts the stopper. This is normal.

Hissing

Pump noise, though not loud, from the valve body unit can be heard when turning the steering wheel right or left. This is normal.

CAUTION: When inspecting, do not holding the steering wheel all the way to right or left.

