TURBOCHARGER SYSTEM

PREPARATION

SST (SPECIAL SERVICE TOOLS)

	09992–00241 Turbocharger Pressure Gauge	

EQUIPMENT

Dial indicator	
Torque wrench	

PRECAUTION

1. Do not stop the engine immediately after pulling a trailer or after high speed or uphill driving. Idle the engine for 20 – 120 seconds, depending on how hard the vehicle has been driven.
2. Avoid sudden acceleration or racing immediately after starting a cold engine.
3. If the turbocharger is found to be defective and must be replaced, check for the cause, and repair or replace these items as necessary:
   - Engine oil level and quality
   - Conditions under which the turbocharger was used
   - Oil lines leading to the turbocharger
4. Use caution when removing and reinstalling the turbocharger assembly. Do not drop it or bang it against anything or grasp it by easily–deformed parts, such as the actuator or push rod, when moving it.
5. Before removing the turbocharger, plug the intake and exhaust ports and oil inlet to prevent entry of dirt or other foreign material.
6. If replacing the turbocharger, check for accumulation of sludge particles in the oil pipe, and if necessary, replace the oil pipe.
7. Completely remove the gasket adhered to the lubrication oil pipe flange and turbocharger oil flange.
8. When replacing bolt or nuts, use only authorized replacement parts to prevent breakage or deformation.



