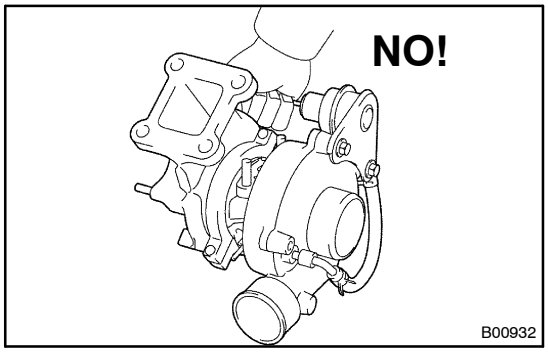
TURBOCHARGER

TC001–02

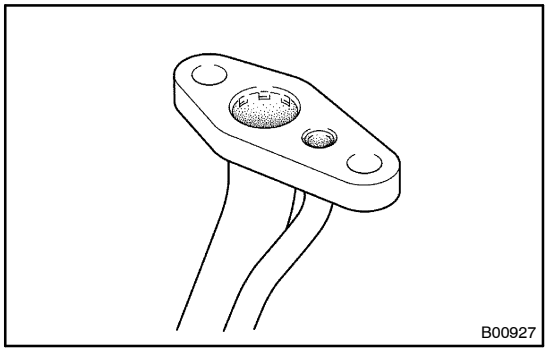
PRECAUTION

1. **DO NOT STOP ENGINE IMMEDIATELY AFTER PULLING TRAILER OR AFTER HIGH SPEED OR UPHILL DRIVING**
   IDLE ENGINE FOR 20 – 120 SECONDS, DEPENDING ON HOW HARD VEHICLE HAS BEEN DRIVEN
2. **AVOID SUDDEN ACCELERATION OR RACING IMMEDIATELY AFTER STARTING COLD ENGINE**
3. **IF TURBOCHARGER IS FOUND TO BE DEFECTIVE AND MUST BE REPLACED, CHECK FOR CAUSE, AND REPAIR OR REPLACE THESE ITEMS AS NECESSARY:**

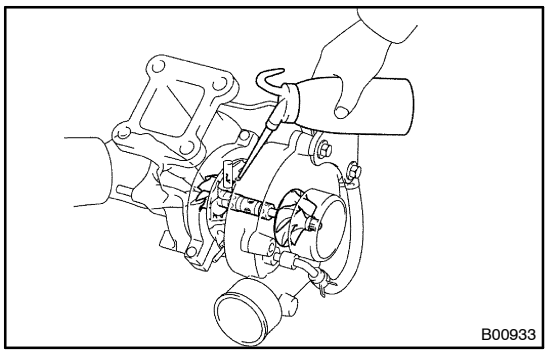
- Engine oil level and quality
- Conditions under which turbocharger was used
- Oil lines leading to turbocharger



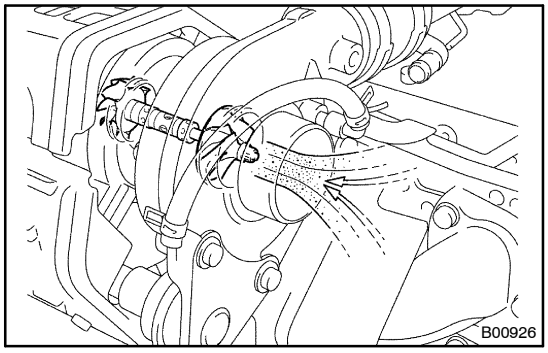
4. **USE CAUTION WHEN REMOVING AND REINSTALLING TURBOCHARGER ASSEMBLY**
   DO NOT DROP IT OR BANG IT AGAINST ANYTHING OR GRASP IT BY EASILY–DEFORMED PARTS, SUCH AS ACTUATOR OR PUSH ROD, WHEN MOVING IT
5. **BEFORE REMOVING TURBOCHARGER, PLUG INTAKE AND EXHAUST PORTS AND OIL INLET TO PREVENT ENTRY OF DIRT OR OTHER FOREIGN MATERIAL**



6. **IF REPLACING TURBOCHARGER, CHECK FOR ACCUMULATION OF SLUDGE PARTICLES IN OIL PIPE, AND IF NECESSARY, REPLACE OIL PIPE**
7. **COMPLETELY REMOVE GASKET ADHERED TO LUBRICATION OIL PIPE FLANGE AND TURBOCHARGER OIL FLANGE**
8. **WHEN REPLACING BOLT OR NUTS, USE ONLY AUTHORIZED REPLACEMENT PARTS TO PREVENT BREAKAGE OR DEFORMATION**



9. **IF REPLACING TURBOCHARGER, PUT APPROX. 20 cm^3 (1.2 cu in.) OF FRESH OIL INTO TURBOCHARGER OIL INLET HOLE AND TURN TURBINE WHEEL BY HAND TO SPREAD OIL TO BEARING**
10. **IF OVERHAULING OR REPLACING ENGINE, CUT FUEL SUPPLY AFTER REASSEMBLY AND CRANK ENGINE FOR 30 SECONDS TO DISTRIBUTE OIL THROUGHOUT ENGINE**
    THEN ALLOW ENGINE TO IDLE FOR 60 SECONDS.



11. IF ENGINE IS RUNNING WITHOUT AIR CLEANER, CASE COVER AND HOSE, ENTRY OF FOREIGN PARTICLES WILL DAMAGE WHEELS WHICH RUN AT EXTREMELY HIGH SPEED