TURBOCHARGER SYSTEM (N04C–TF)

13094–01

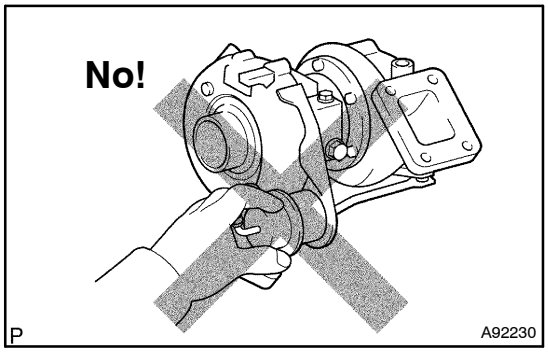
PRECAUTION

1. MAINTENANCE PRECAUTION

(a) Do not stop the engine immediately after pulling a trailer or after high speed or uphill driving. Idle the engine for 20 to 120 seconds depending on how hard vehicle has been driven.

(b) Avoid sudden acceleration or racing immediately after starting a cold engine.

(c) If the turbocharger is defective and must be replaced, check the list below for the cause, and correct the problem:
  (1) Engine oil level and quality
  (2) Conditions under which the turbocharger was used
  (3) Oil lines leading to the turbocharger

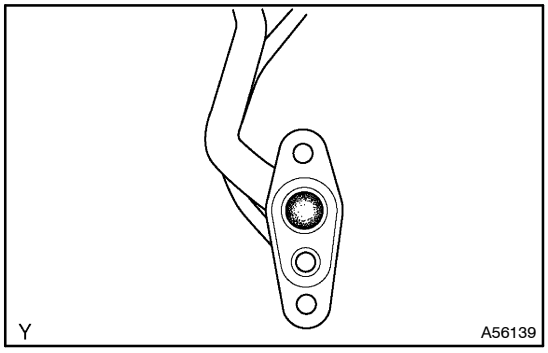


(d) Handle the turbocharger with care.

NOTICE:

- **When installing/removing the turbocharger, do not drop or strike the turbocharger.**
- **When moving the turbochager, do not grasp it by an easily–deformed part such as the actuator and push rod.**

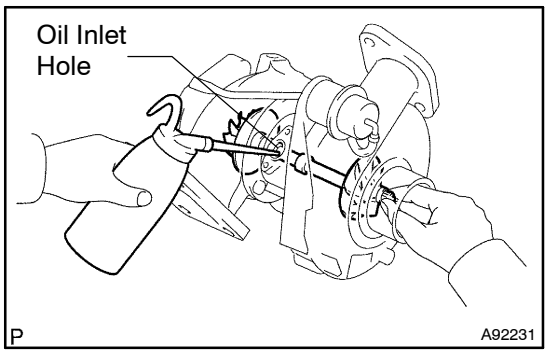
(e) Before removing the turbocharger, plug the intake and exhaust ports and oil inlet to prevent entry of dirt or other foreign material.



(f) If replacing the turbocharger, check for accumulation of hardened oil in the oil pipe. If necessary, replace the oil pipe.

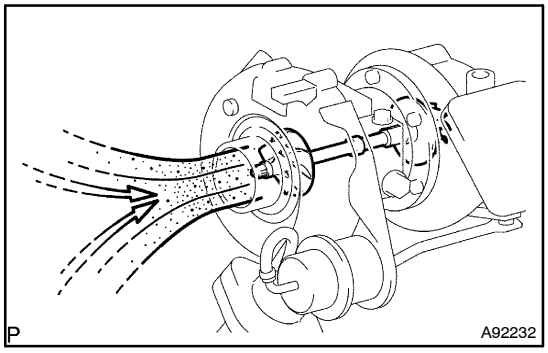
(g) Completely remove the gasket adhered to the lubrication oil pipe flange and turbocharger oil flange.

(h) When replacing the bolts or nuts, use only authorized replacement parts to prevent damage or deformation.



(i) If replacing the turbocharger, put 20 cm^3 (1.2 cu in.) of fresh oil into the turbocharger oil inlet hole and turn the turbine wheel by hand to spread oil to the bearing.

(j) If overhauling the engine, cut the fuel supply after reassembly and crank the engine. Then allow the engine to idle for 60 seconds.



(k) If the engine is running without the air cleaner, case cover and hose, entry of foreign particles will damage the wheels, which run at extremely high speed.