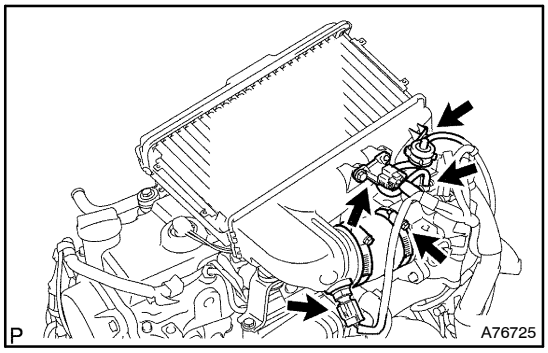
100C0–01

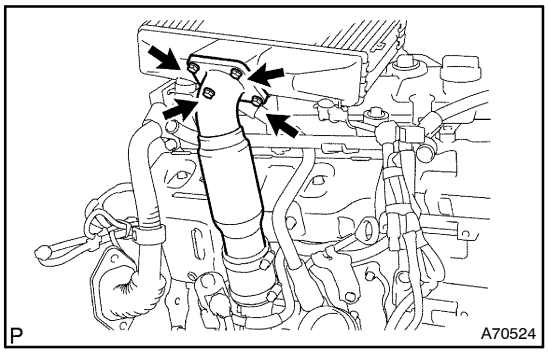
REPLACEMENT

1. REMOVE INTERCOOLER PROTECTOR (See page 13–30)

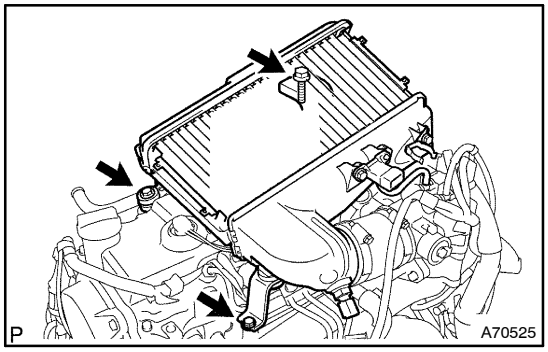


2. REMOVE INTERCOOLER ASSY

(a) Disconnect the inlet air temperature sensor connector and the turbo pressure sensor connector.
(b) Remove the gas filter.
(c) Disconnect the vacuum hose from the VSV.
(d) Loosen the clamp for air hose No. 1.

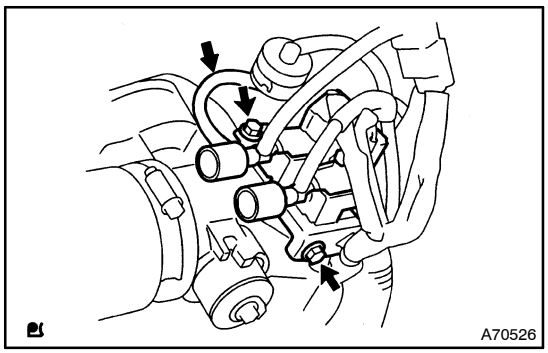


(e) Remove the 4 bolts and gasket from the intercooler.



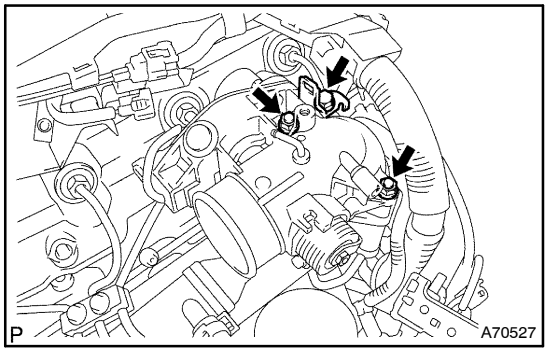
(f) Remove the 3 bolts and intercooler.

3. REMOVE AIR HOSE NO.1



4. REMOVE VACUUM SWITCHING VALVE ASSY NO.1

(a) Disconnect the vacuum hose from the diesel throttle body.
(b) Remove the 2 bolts and vacuum switching valve assy No. 1.



5. REMOVE DIESEL THROTTLE BODY ASSY

(a) Disconnect the engine wire.
(b) Disconnect the diesel throttle body assy connector.
(c) Remove the 2 nuts, bolt, bracket, diesel throttle body and gasket.

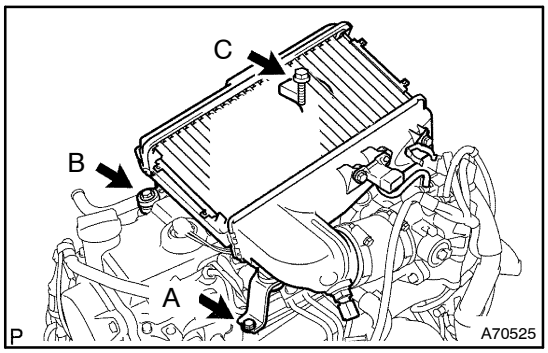
6. INSTALL DIESEL THROTTLE BODY ASSY

(a) Install a new gasket and diesel throttle body assy with the 2 nuts, bracket and bolt.
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)
(b) Connect the diesel throttle body assy connector.
(c) Connect the engine wire.

7. INSTALL VACUUM SWITCHING VALVE ASSY NO.1

(a) Install the vacuum switching valve assy No. 1 with the 2 bolts.
Torque: 8 N·m (82 kgf·cm, 71 in.·lbf)
(b) Connect the vacuum hose to the diesel throttle body.

8. INSTALL AIR HOSE NO.1



9. INSTALL INTERCOOLER ASSY

(a) Install the intercooler with the 3 bolts.
Torque:
20 N·m (204 kgf·cm, 15 ft·lbf) for bolt A
12 N·m (122 kgf·cm, 9 ft·lbf) for bolt B, C
(b) Install a new gasket with the 4 bolts to the inter cooler.
Torque: 10 N·m (102 kgf·cm, 7 ft·lbf)
(c) Tighten the clamp for air hose No. 1.
Torque: 6.0 N·m (61 kgf·cm, 53 in.·lbf)
(d) Connect the vacuum hose to the VSV.
(e) Install the gas filter.
(f) Connect the inlet air temperature sensor connector and the turbo pressure sensor connector.

10. INSTALL INTERCOOLER PROTECTOR

(a) Install the intercooler protector with the 5 bolts.
Torque: 6.0 N·m (61 kgf·cm, 53 in.·lbf)