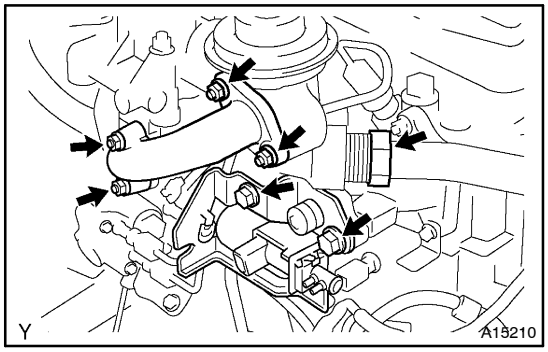
EM1ML–01

INSTALLATION

1. CHECK PISTON PROTRUSION AND SELECT CYLINDER HEAD GASKET
(See Pub. No. RM520E on page EG–48)
2. SET NO.1 CYLINDER TO 90° BTDC/COMPRESSION
(See Pub. No. RM520E on page EG–48)
3. INSTALL CYLINDER HEAD
(See Pub. No. RM520E on page EG–48)
4. INSTALL CYLINDER HEAD COVER
(See Pub. No. RM520E on page EG–48)
5. INSTALL EXHAUST MANIFOLD
(See Pub. No. RM520E on page EG–48)
6. INSTALL INTAKE MANIFOLD ASSEMBLY
(See Pub. No. RM520E on page EG–48)
7. INSTALL LH ENGINE HANGER
(See Pub. No. RM520E on page EG–48)
8. INSTALL WATER OUTLET AND OUTLET HOUSING ASSEMBLY
(See Pub. No. RM520E on page EG–48)
9. INSTALL NO.2 TIMING BELT COVER
(See Pub. No. RM520E on page EG–48)
10. INSTALL INJECTION NOZZLES
(See Pub. No. RM520E on page EG–48)
11. INSTALL THROTTLE BODY
(See page ED–6)



12. w/ EGR:
INSTALL EGR VALVE AND EGR ADAPTER

Install the new gasket, EGR valve and EGR pipe with the 2 bolts, 4 nuts and union nut.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf) for bolts
19 N·m (195 kgf·cm, 14 ft·lbf) for nuts
108 N·m (1100 kgf·cm, 79 ft·lbf) for union nuts

13. INSTALL CAMSHAFT TIMING PULLEY
(See Pub. No. RM520E on page EG–48)
14. INSTALL TIMING BELT
(See Pub. No. RM520E on page EG–48)
15. INSTALL WATER PUMP PULLEY, FAN, FLUID COUPLING ASSEMBLY AND DRIVE BELTS
(See Pub. No. RM520E on page EG–48)
16. INSTALL GLOW PLUGS
(See Pub. No. RM520E on page EG–48)

17. **INSTALL NO.2 CYLINDER HEAD COVER (See Pub. No. RM520E on page EG–48)**
18. **INSTALL PCV HOSE**
19. **FILL WITH ENGINE COOLANT**
20. **START ENGINE AND CHECK FOR LEAKS**
21. **RECHECK ENGINE COOLANT LEVEL AND OIL LEVEL**