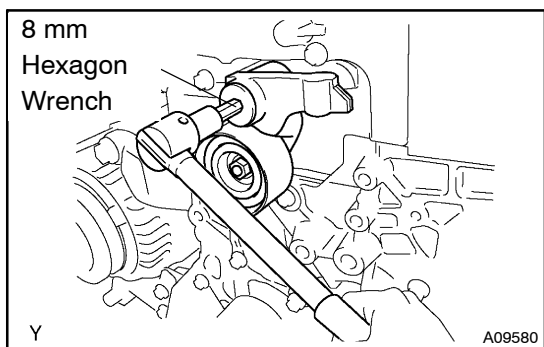
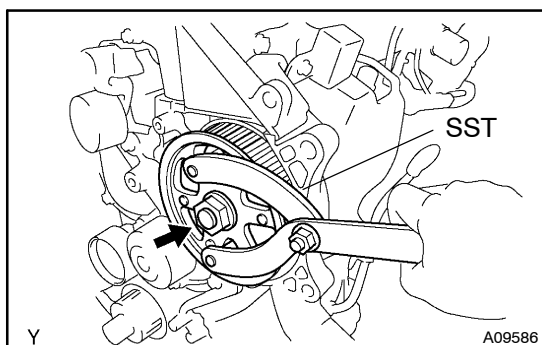


REPLACEMENT

1. DRAIN ENGINE COOLANT (See page 16-19)
2. REMOVE FRONT WHEEL RH
3. REMOVE ENGINE UNDER COVER RH
4. REMOVE ENGINE COVER SUB-ASSY NO.1
5. REMOVE V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1 (See page 14-75)
6. REMOVE FAN AND GENERATOR V BELT (See page 14-75)
7. SEPARATE ENGINE MOUNTING BRACKET NO.2 RH (See page 14-114)
8. REMOVE CRANKSHAFT PULLEY (See page 14-114)
SST 09213-54015 (91651-60855), 09330-00021, 09950-50013 (09951-05010, 09952-05010, 09953-05010, 09953-05020, 09954-05030)
9. REMOVE TIMING BELT NO.2 COVER (See page 14-114)
10. REMOVE TIMING BELT NO.1 COVER (See page 14-114)
11. REMOVE TIMING BELT GUIDE
12. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET (See page 14-114)
13. SET NO.1 CYLINDER TO TDC/COMPRESSION (See page 14-114)
14. REMOVE TIMING BELT (See page 14-114)



15. REMOVE TIMING BELT IDLER SUB-ASSY NO.1
 - (a) Using an 8 mm hexagon wrench, remove the idler pulley shaft, idler pulley and plate washer.



16. REMOVE INJECTION PUMP DRIVE PULLEY

- (a) Using SST, remove the pulley nut.
SST 09960-10010 (09962-01000, 09963-01000)

17. REMOVE FUEL INLET PIPE SUB-ASSY

(See [page 11-31](#))

18. REMOVE INJECTION PIPE SUB-ASSY NO.1

(See [page 11-23](#))

19. REMOVE INJECTION PIPE SUB-ASSY NO.2

(See [page 11-23](#))

20. REMOVE INJECTION PIPE SUB-ASSY NO.3

(See [page 11-23](#))

21. REMOVE INJECTION PIPE SUB-ASSY NO.4

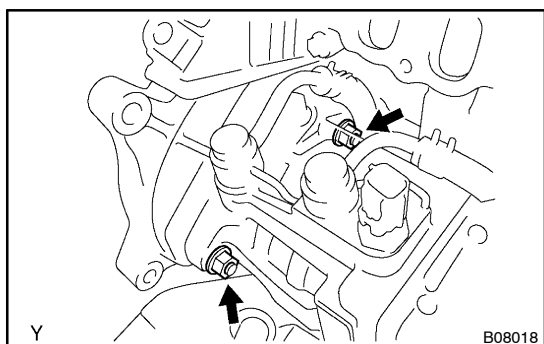
(See [page 11-23](#))

22. REMOVE INTAKE SHUTTER ASSY

(See [page 10-14](#))

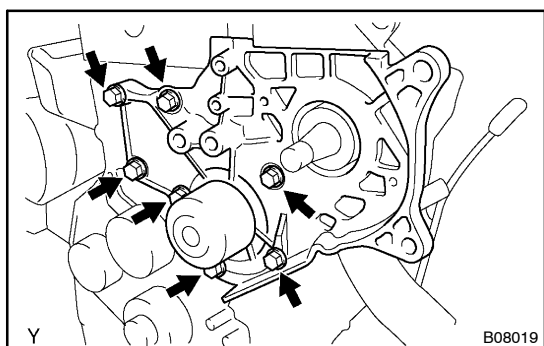
23. REMOVE INTAKE MANIFOLD

(See [page 11-31](#))

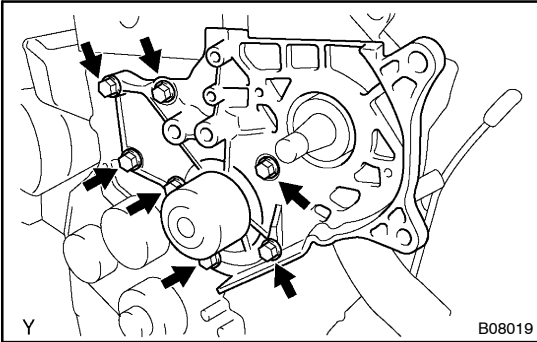


24. REMOVE WATER PUMP ASSY

- (a) Remove the 2 supply pump set nuts.

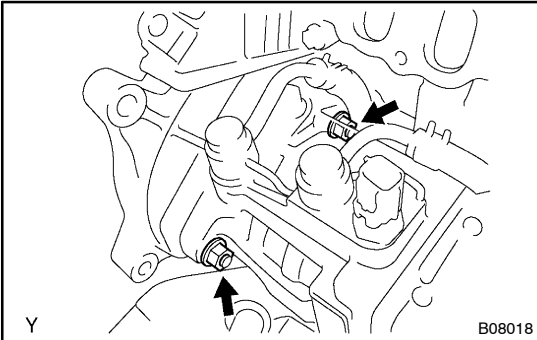


- (b) Remove the 7 bolts, water pump and gasket.



25. INSTALL WATER PUMP ASSY

- (a) Install a new gasket and the water pump with the 7 bolts.
Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)



- (b) Install the 2 supply pump set nuts.
Torque: 21 N·m (210 kgf·cm, 15 ft·lbf)

26. INSTALL INTAKE MANIFOLD

(See [page 1-31](#))

27. INSTALL INTAKE SHUTTER ASSY

(See [page 10-14](#))

28. INSTALL INJECTION PIPE SUB-ASSY NO.1

(See [page 1-23](#))

SST 09023-12700, 09023-12900

29. INSTALL INJECTION PIPE SUB-ASSY NO.2

(See [page 1-23](#))

SST 09023-12700, 09023-12900

30. INSTALL INJECTION PIPE SUB-ASSY NO.3

(See [page 1-23](#))

SST 09023-12700, 09023-12900

31. INSTALL INJECTION PIPE SUB-ASSY NO.4

(See [page 1-23](#))

SST 09023-12700, 09023-12900

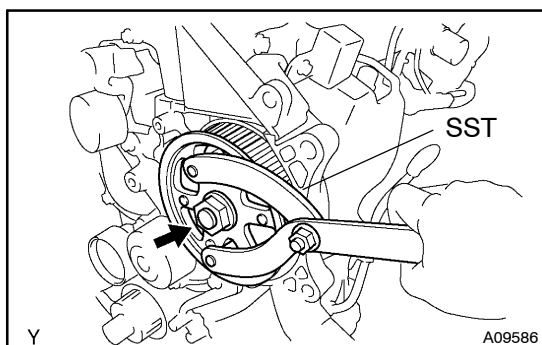
32. INSTALL FUEL INLET PIPE SUB-ASSY

(See [page 1-31](#))

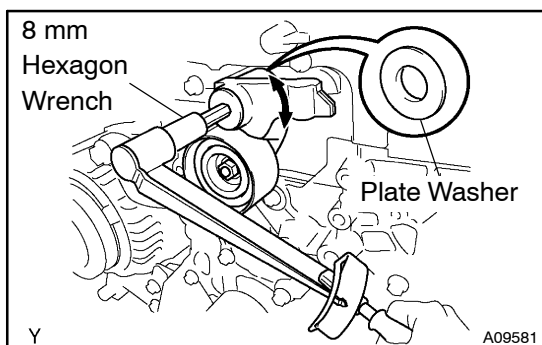
SST 09023-12700, 09023-12900

NOTICE:

In case of having the water pump and / or water pump gasket replaced, must replace fuel inlet pipe, too.

**33. INSTALL INJECTION PUMP DRIVE PULLEY**

- (a) Align the pulley set key with the key groove of the drive pulley, and slide on the timing pulley.
- (b) Using SST, install the pulley nut.
SST 09960-10010 (09962-01000, 09963-01000)
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

**34. INSTALL TIMING BELT IDLER SUB-ASSY NO.1**

- (a) Using an 8 mm hexagon wrench, install the plate washer and idler pulley with the idler pulley shaft.
Torque: 35 N·m (350 kgf·cm, 25 ft·lbf)
- (b) Check that the pulley bracket moves smoothly.

35. SET NO.1 CYLINDER TO TDC/COMPRESSION (See page 4-114)

SST 09960-10010 (09962-01000, 09963-01000)

36. INSTALL TIMING BELT

(See page 4-114)

37. CHECK VALVE TIMING (See page 4-114)**38. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET**

(See page 4-114)

39. INSTALL TIMING BELT GUIDE

(See page 4-114)

40. INSTALL TIMING BELT NO.1 COVER

(See page 4-114)

41. INSTALL TIMING BELT NO.2 COVER

(See page 4-114)

42. INSTALL CRANKSHAFT PULLEY

(See page 4-114)

SST 09213-54015 (91651-60855), 09330-00021

43. INSTALL ENGINE MOUNTING BRACKET NO.2 RH

(See page 4-114)

44. ADJUST V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1

(See page 4-75)

45. INSTALL FRONT WHEEL RH

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

46. ADD COOLANT (See page 6-19)**47. CHECK ENGINE COOLANT LEAK (See page 6-13)**