INSTALLATION

1. INSPECT TORQUE CONVERTER CLUTCH ASSEMBLY (See page AT-166)

2. INSTALL TORQUE CONVERTER CLUTCH ASSEMBLY
   (a) Install the torque converter clutch onto the automatic transmission.
   (b) Using calipers and a straight edge, measure dimension A, between the engine and the end surface of the drive plate, as shown in the illustration.
   (c) Using calipers and a straight edge, measure dimension B shown in the illustration and check that B is greater than A measured in (b).
   **Standard:**
   A + 1 mm or more

3. INSTALL REAR NO.1 ENGINE MOUNTING INSULATOR
   (a) Install the engine mounting insulator rear onto the automatic transmission with the 4 bolts.
   **Torque:** 65 N*m (663 kgf*cm, 48 ft.*lbf)

4. INSTALL AUTOMATIC TRANSMISSION ASSEMBLY
   (a) Install the automatic transmission onto the engine with the 9 bolts.
   **Torque:** 71 N*m (720 kgf*cm, 53 ft.*lbf) for bolt A
   37 N*m (380 kgf*cm, 27 ft.*lbf) for bolt B
(b) Install the 6 torque converter clutch mounting bolts.  
**Torque: 48 N*m (489 kgf*cm, 35 ft.*lbf)**  
**HINT:**  
First install the black bolt and then the other 5 bolts.

5. INSTALL NO.3 FRAME CROSSMEMBER SUB-ASSEMBLY  
(a) Install the frame crossmember sub-assembly No. 3 with the 4 bolts and 4 nuts.  
**Torque: 40 N*m (408 kgf*cm, 30 ft.*lbf)**  
(b) Install the frame crossmember sub-assembly No. 3 with the 4 bolts.  
**Torque: 19 N*m (189 kgf*cm, 14 ft.*lbf)**

6. INSTALL FLYWHEEL HOUSING SIDE COVER  
(a) Install the flywheel housing side cover onto the cylinder block.

7. INSTALL STARTER ASSEMBLY (See page ST-11)

8. INSTALL TRANSMISSION CONTROL CABLE ASSEMBLY  
(a) Install the transmission control cable bracket No. 1 with the 2 bolts.  
**Torque: 28 N*m (286 kgf*cm, 21 ft.*lbf)**  
(b) Connect the transmission control cable with the nut.  
**Torque: 14 N*m (143 kgf*cm, 10 ft.*lbf)**

9. INSTALL NO.1 OIL COOLER OUTLET TUBE  
(a) Provisionally install the oil cooler outlet tube No. 1.  
(b) Provisionally install the oil cooler inlet tube No. 1.  
(c) Install the 2 clamps and 3 bolts.  
**Torque: 12 N*m (122 kgf*cm, 9 ft.*lbf) for bolt A**  
**5.0 N*m (50 kgf*cm, 43 in.*lbf) for bolt B**
(d) Using SST, tighten the oil cooler outlet tube No. 1.
SST 09023-12701
Torque: 34 N*m (350 kgf*cm, 25 ft.*lbf)

10. INSTALL NO.1 OIL COOLER INLET TUBE
   (a) Using SST, tighten the oil cooler inlet tube No. 1.
      SST 09023-12701
      Torque: 34 N*m (350 kgf*cm, 25 ft.*lbf)

11. INSTALL NO.2 MANIFOLD STAY
   (a) Install manifold stay No. 2 with the 3 bolts.
      Torque: 40 N*m (408 kgf*cm, 30 ft.*lbf)

12. INSTALL MANIFOLD STAY
   (a) Install the manifold stay with the 3 bolts.
      Torque: 40 N*m (408 kgf*cm, 30 ft.*lbf)

13. INSTALL PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY (See page PR-32)

14. INSTALL EXHAUST PIPE
    (See page EX-3)

15. INSTALL OXYGEN SENSOR

16. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
    Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

17. PERFORM INITIALIZATION
    (See page AT-17)

18. ADD AUTOMATIC TRANSMISSION FLUID
    (See page AT-135)

19. INSPECT SHIFT LEVER POSITION (See page AT-155)

20. CHECK FOR EXHAUST GAS LEAKAGE

21. INSTALL NO. 2 ENGINE UNDER COVER (w/ No. 2 Engine Under Cover)

22. INSTALL NO. 1 ENGINE UNDER COVER SUB-ASSEMBLY