

REASSEMBLY

1. INSTALL OUTPUT SHAFT

- (a) Install the output shaft and spacer.

HINT:

Apply MP grease to the spacer.

- (b) Install the drum spacer No.2.

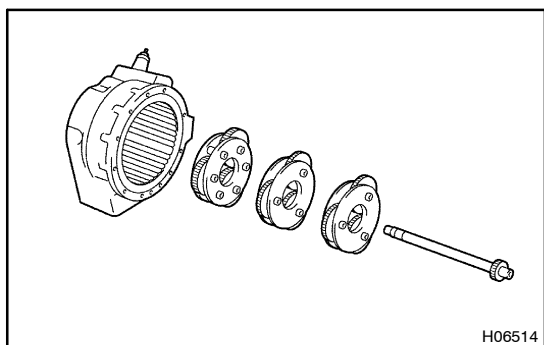
HINT:

Apply MP grease to the drum spacer No.2.

- (c) Using a snap ring expander, install the snap ring.

2. INSTALL WINCH SLEEVE

3. INSTALL CLUTCH SHAFT WITH X –RING



4. INSTALL PLANETARY GEAR NO.3, NO.2 AND NO. 1 AND DRIVE SHAFT

- (a) Coat the each gear with ATF.

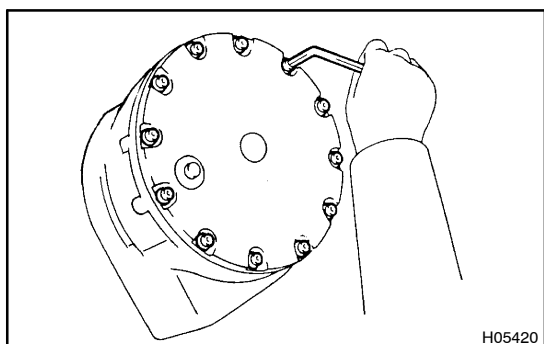
Fluid type: ATFD –II or DEXRON III (DEXRON II)

- (b) Install the planetary gear No.3, No.2 and No. 1 and drive shaft.

- (c) Install a new X –ring.

- (d) Install the thrust washer.

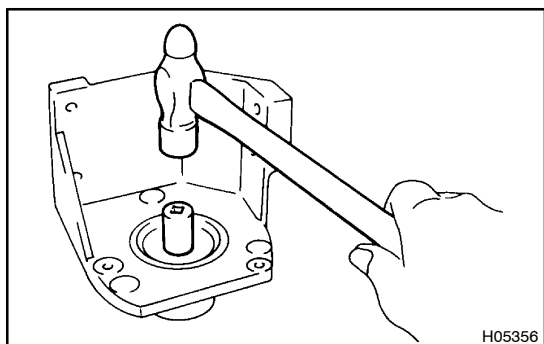
- (e) Install the snap ring.



5. INSTALL GEAR CASE COVER

Using a hexagon wrench, install a new gasket and gear case cover.

Torque: 8.8 N·m (90 kgf·cm, 78 in·lbf)



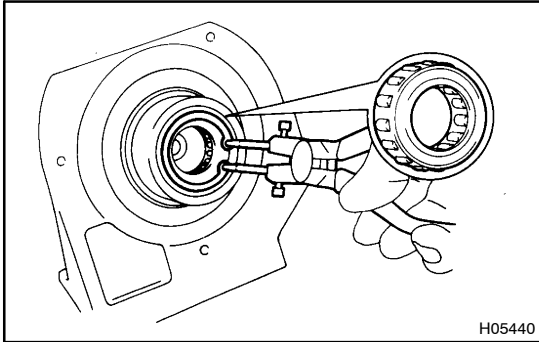
6. INSTALL ONE –WAY CLUTCH

- (a) Using a socket wrench, install the oil seal as shown in the illustration.

- (b) Install a new X –ring.

HINT:

Apply MP grease to the X –ring.



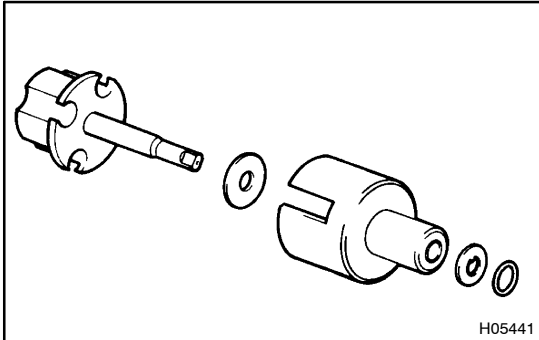
(c) Install the one –way clutch.

HINT:

- Install in proper direction only.
- Coat the one –way clutch with ATF.

Fluid type: ATFD –II or DEXRON III (DEXRON II)

(d) Using snap ring pliers, install the snap ring.



7. INSTALL OUTER CLUTCH

(a) Install the clutch input shaft and clutch thrust washer to the outer clutch.

HINT:

Apply MP grease to the outer clutch and clutch input shaft.

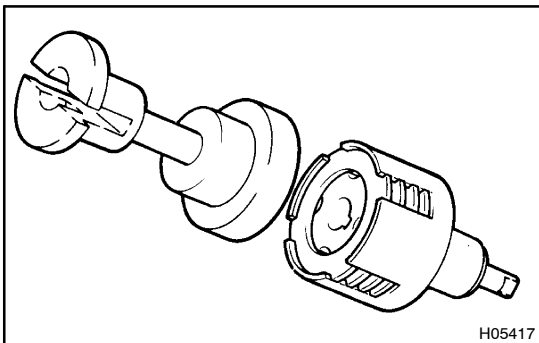
(b) Install the input shaft thrust washer and snap ring.

(c) Install the 5 inner discs and 5 outer discs to the outer clutch.

HINT:

Before assembly new clutch discs, soak them in ATF for at least 2 hours.

Fluid type: ATFD –II or DEXRON III (DEXRON II)

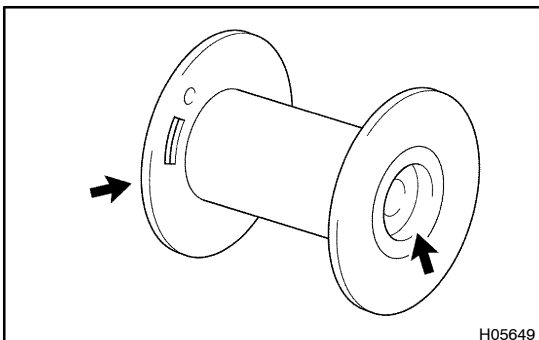


(d) Install the inner clutch.

HINT:

Coat the threads of the inner clutch with ATF and install the inner clutch.

Fluid type: ATFD –II or DEXRON III (DEXRON II)

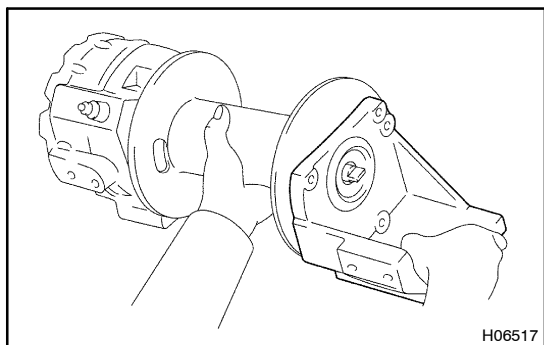


8. INSTALL WINCH DRUM

(a) Apply MP grease to the winch drum.

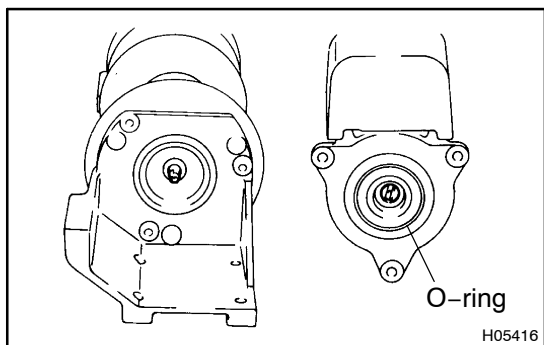
(b) Install the winch drum and bushing drum to the gear case assembly.

(c) Install the outer clutch with inner clutch.



9. INSTALL WINCH BRAKE CASE

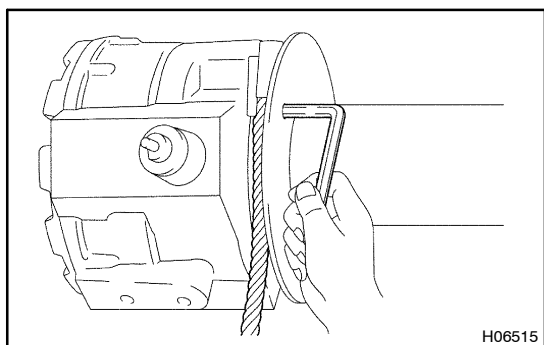
Install the winch drum No. 1 spacer, bushing drum and winch brake case.



10. INSTALL WINCH MOTOR ASSEMBLY

- Align the groove and tip of the input shaft.
- Install a new O-ring.
- Torque the 2 bolts.

Torque: 16 N·m (160 kgf·cm, 12 ft·lbf)



11. INSTALL WINCH WIRE

- Install the winch wire to the winch drum.
- Using a hexagon wrench, install the set bolt.
- Wind the winch wire around the winch drum.

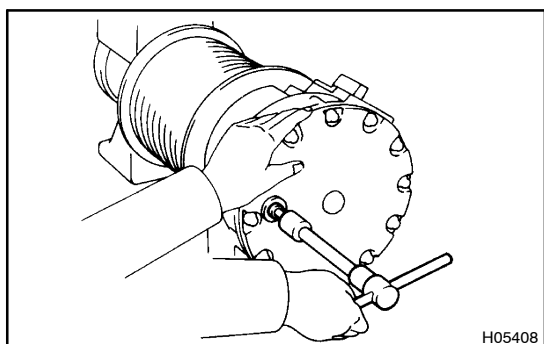
Torque: 1.0 N·m (10 kgf·cm, 9 in·lbf)

12. INSTALL WIRE HOLDER

Torque:

Motor side: 16 N·m (160 kgf·cm, 12 ft·lbf)

Other side: 10 N·m (105 kgf·cm, 8 ft·lbf)



13. FILL WINCH WITH ATF

Fill the winch with ATF and torque the drain plug.

Torque: 17 N·m (175 kgf·cm, 13 ft·lbf)

Fluid type: ATFD –II or DEXRON \square III (DEXRON \square II)

Capacity: 0.9 liters (0.95 US qts, 0.79 Imp.qts)

NOTICE:

Do not overfill.