

## DISASSEMBLY

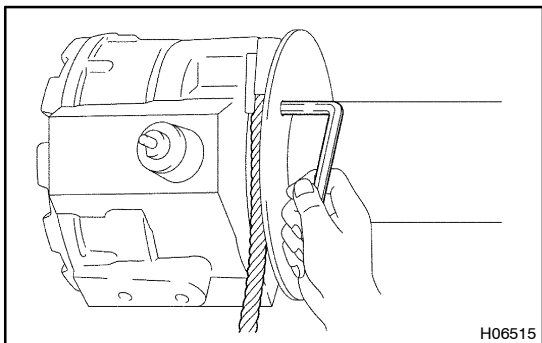
### 1. DRAIN WINCH FLUID

- (a) Using a hexagon wrench, remove the drain plug.
- (b) Drain the winch fluid.

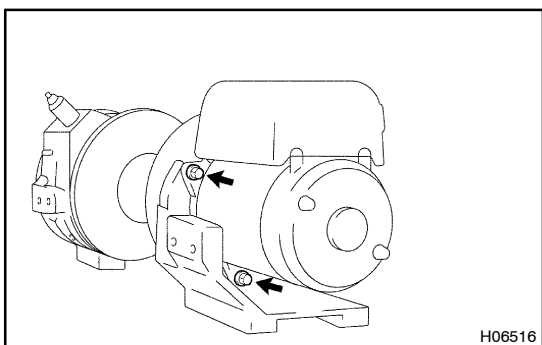
### 2. REMOVE WIRE HOLDER

### 3. REMOVE WINCH WIRE

- (a) Shift the shift lever to the free position.
- (b) Pull out the winch wire from the winch drum.

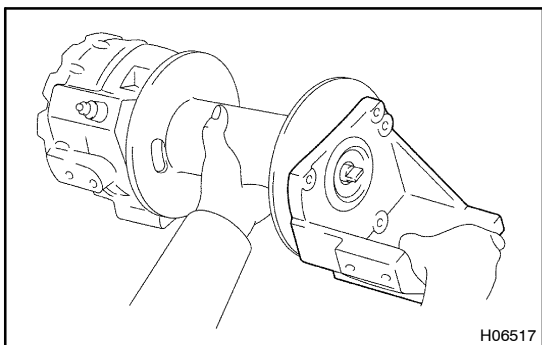


- (c) Using a hexagon wrench, remove the set bolt.
- (d) Remove the winch wire.



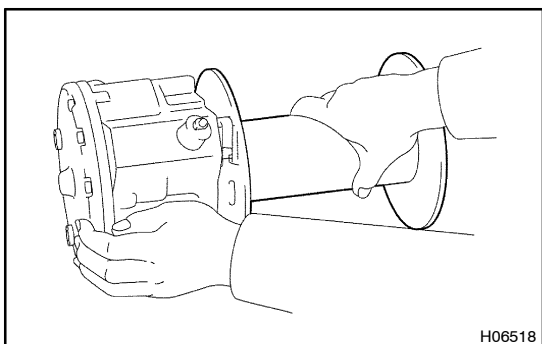
### 4. REMOVE WINCH MOTOR ASSEMBLY

- (a) Remove the 2 bolts and winch motor assembly.
- (b) Remove the O-ring.



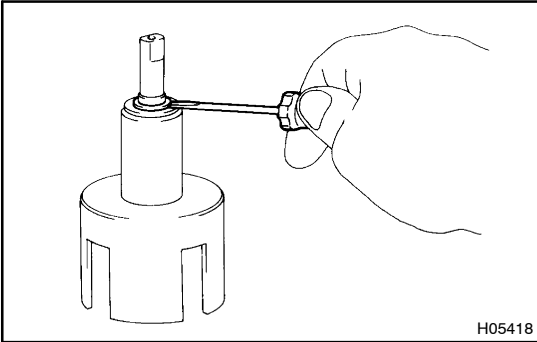
### 5. REMOVE WINCH BRAKE CASE

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



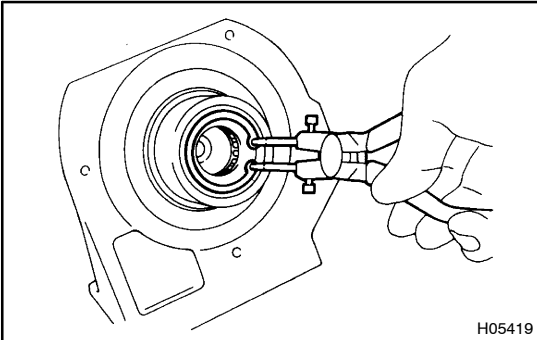
### 6. REMOVE WINCH DRUM

- (a) Remove the outer clutch with the inner clutch.
- (b) Remove the winch drum and bushing drum from the gear case assembly.



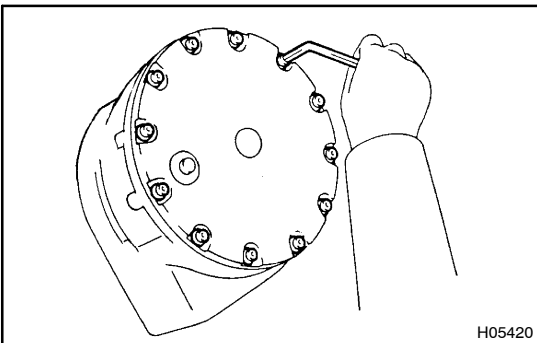
## 7. REMOVE OUTER CLUTCH

- (a) Using a screwdriver, remove the snap ring.
- (b) Remove the input shaft thrust washer.
- (c) Remove the clutch input shaft and clutch thrust waster.



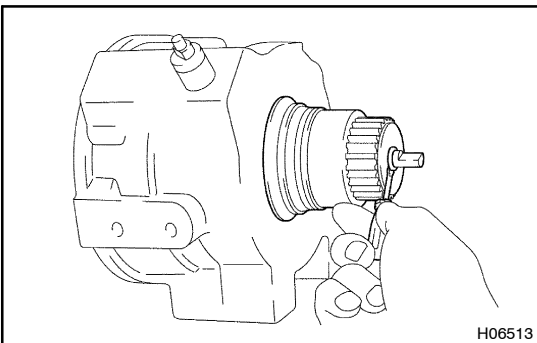
## 8. REMOVE ONE -WAY CLUTCH

- (a) Using snap ring pliers, remove the snap ring.
- (b) Remove the one -way clutch.
- (c) Remove the X -ring.
- (d) Using a screwdriver, pry out the oil seal.



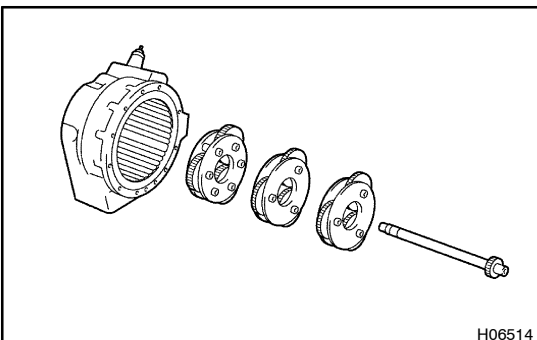
## 9. REMOVE GEAR CASE COVER

Using a hexagon wrench, remove the gear case cover and gasket.

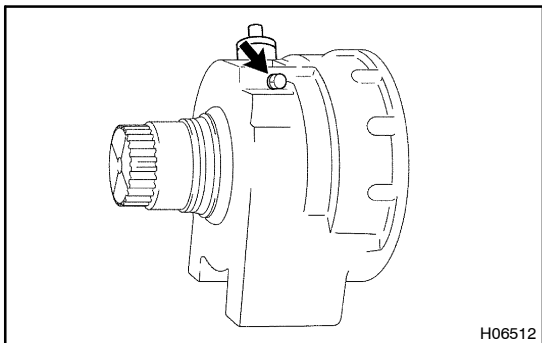


## 10. REMOVE PLANETARY GEAR NO. 1, NO.2 AND NO.3 AND DRIVE SHAFT

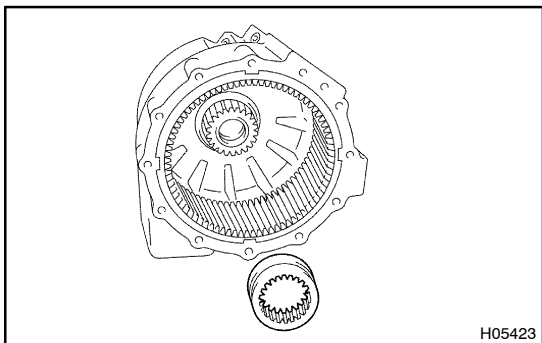
- (a) Using a screwdriver, remove the snap ring.
- (b) Remove the thrust washer.
- (c) Remove the X -ring.



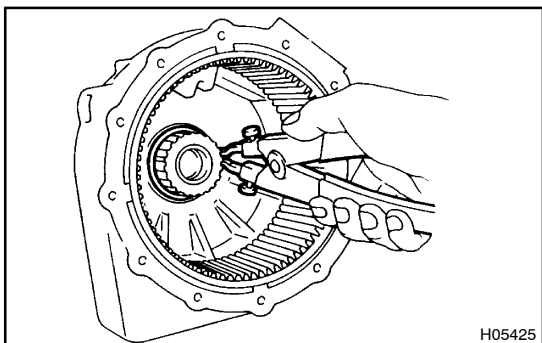
- (d) Pull out the drive shaft, then remove the planetary gear No.1, No.2 and No.3.

**11. REMOVE CLUTCH SHAFT**

Remove the bolt and clutch shaft.

**12. REMOVE WINCH SLEEVE**

Remove the winch sleeve.

**13. REMOVE OUTPUT SHAFT**

- (a) Using a snap ring expander, remove the snap ring and drum spacer No.2.
- (b) Remove the output shaft and spacer.