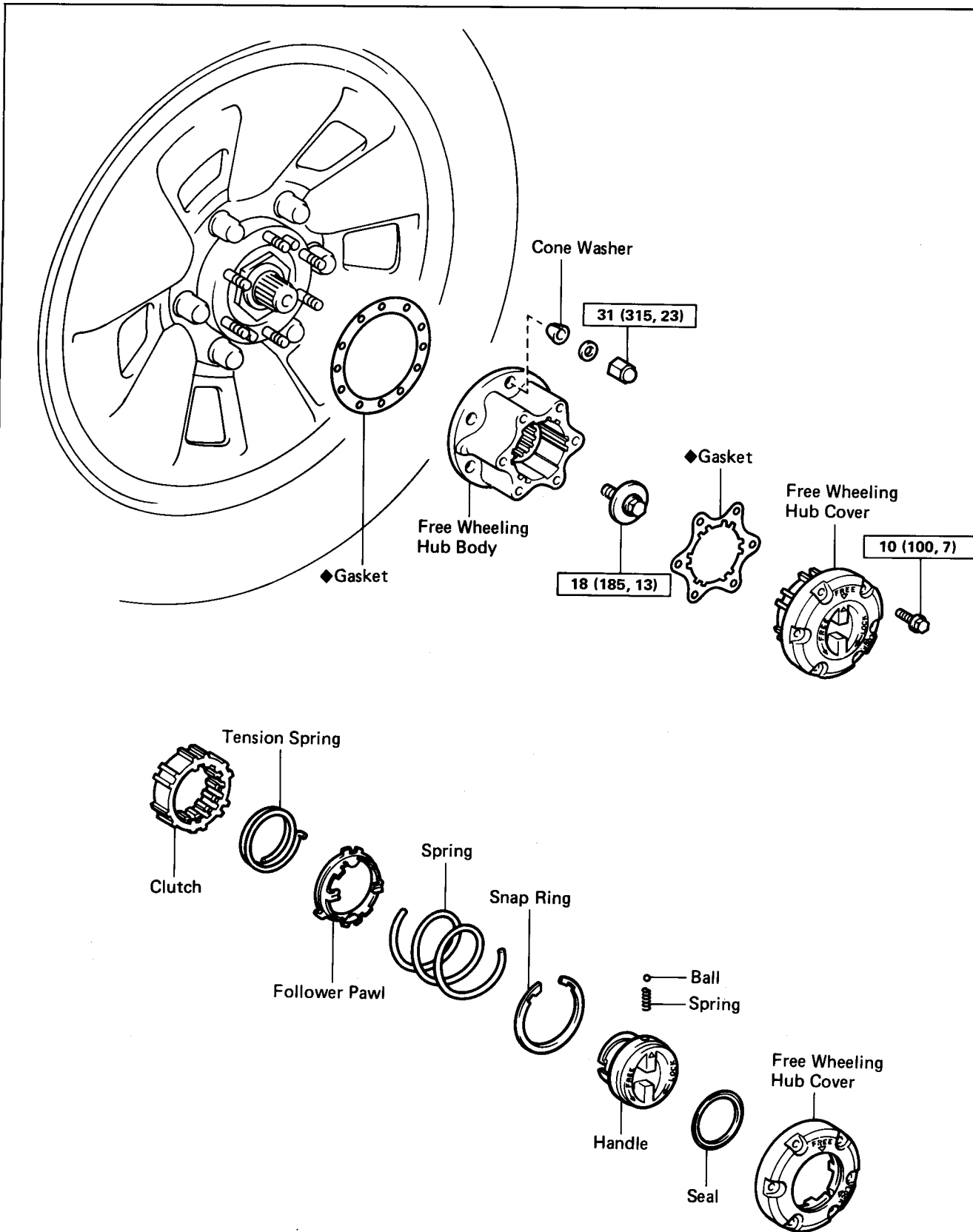


# FREE WHEELING HUB COMPONENTS

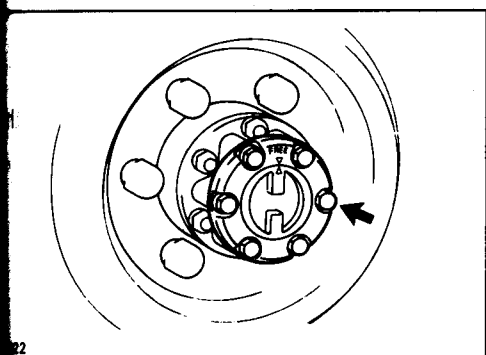
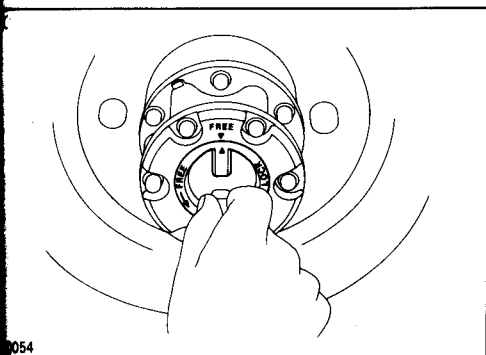
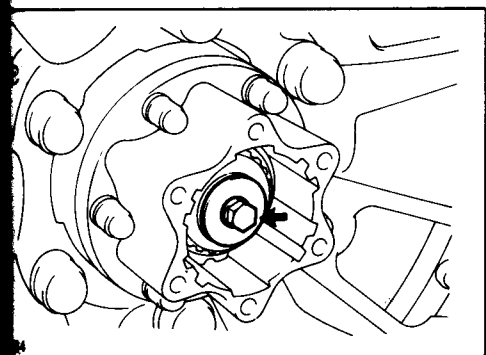


N·m (kgf·cm, ft·lbf) : Specified torque

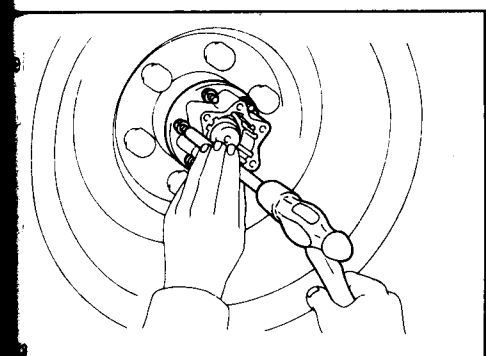
◆ Non-reusable part

**REMOVAL OF FREE WHEELING HUB****1. REMOVE FREE WHEELING HUB COVER**

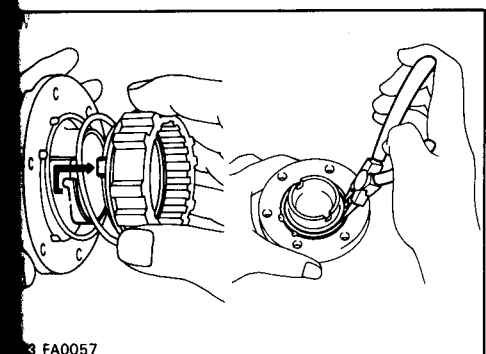
- (a) Set the control handle to FREE position.
- (b) Remove the cover mounting bolts and pull off the cover.

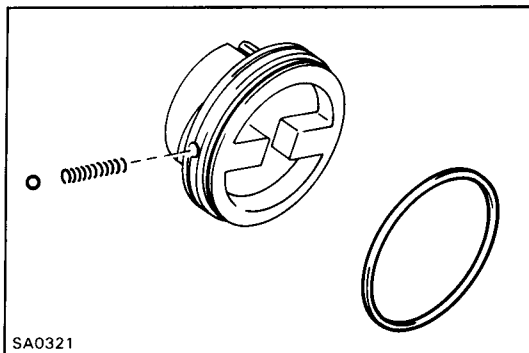
**2. REMOVE BOLT WITH WASHER****3. REMOVE FREE WHEELING HUB BODY**

- (a) Remove the mounting nuts and washers.
- (b) Using a brass bar and hammer, tap on the bolts head and remove the cone washers.
- (c) Pull off the free wheeling hub body.

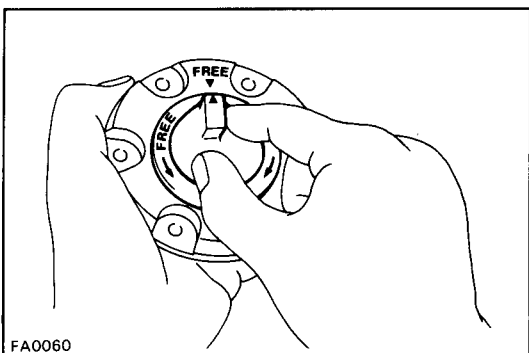
**DISASSEMBLY OF FREE WHEELING HUB****1. REMOVE CONTROL HANDLE FROM FREE WHEELING HUB COVER**

- (a) Compressing the spring, remove the pawl tab from the handle cam, and remove the clutch.
- (b) Using snap ring pliers, remove the snap ring.
- (c) Remove the control handle.





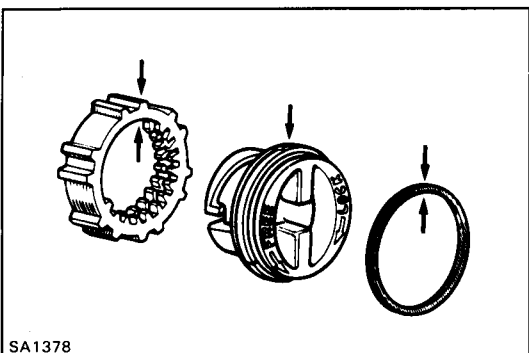
- (d) Remove the steel ball, spring and seal from the control handle.



## INSPECTION OF FREE WHEELING HUB

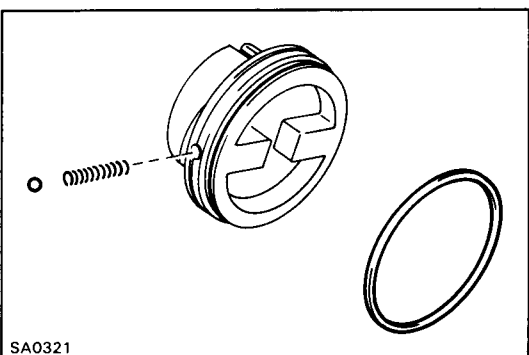
### 1. INSPECT COVER, HANDLE AND SEAL

Temporarily install the handle in the cover and check that the handle moves smoothly and freely.



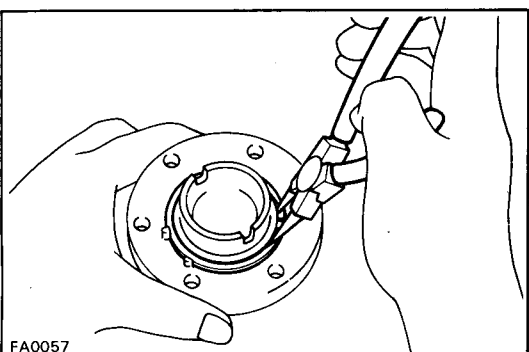
## ASSEMBLY OF FREE WHEELING HUB

### 1. APPLY MP GREASE TO SLIDING SURFACE OF PARTS

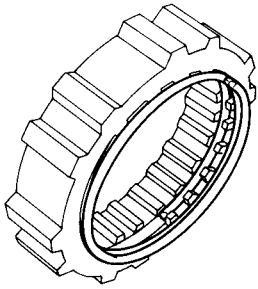


### 2. INSTALL CONTROL HANDLE TO COVER

- (a) Install the seal, spring and steel ball to the handle.



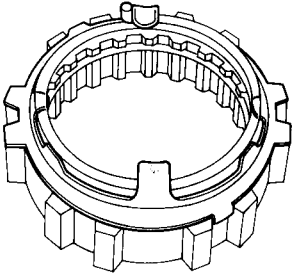
- (b) Install the handle in the cover and snap ring with snap ring pliers.



FA0063

### 3. INSTALL TENSION SPRING IN CLUTCH

Install the tension spring in the clutch with the spring end aligned with the initial groove.



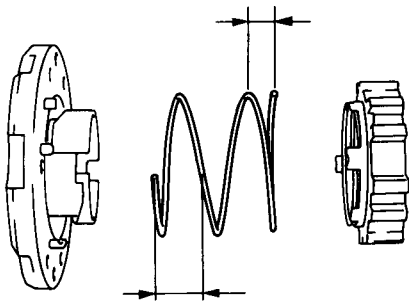
FA0064

### 4. INSTALL FOLLOWER PAWL TO CLUTCH

- (a) Place the follower pawl on the tension spring with one of the large tabs against the bent spring end.
- (b) Place the top ring of the spring on the small tabs.

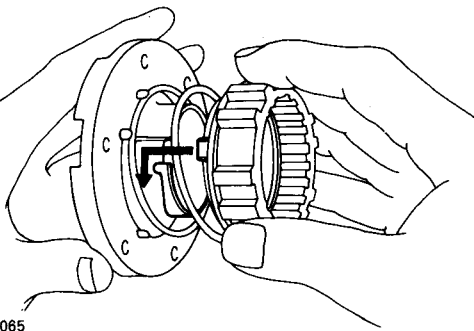
### 5. INSTALL CLUTCH AND SPRING INTO COVER

- (a) Place the spring between the cover and clutch with the large spring end toward the cover.



SA0323

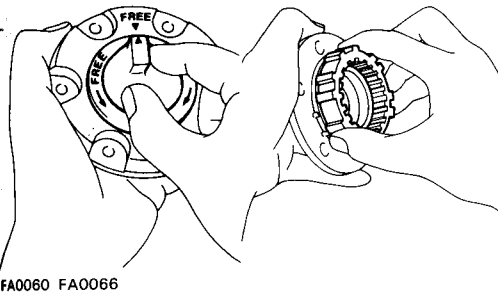
- (b) Compress the spring and install the clutch with the pawl tab fit to the handle cam.



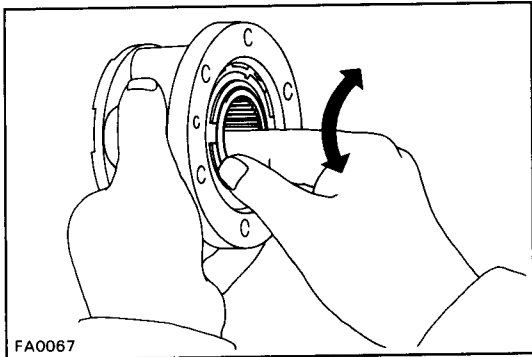
FA0065

### 6. TEMPORARILY INSTALL COVER TO BODY AND CHECK FREE WHEELING HUB

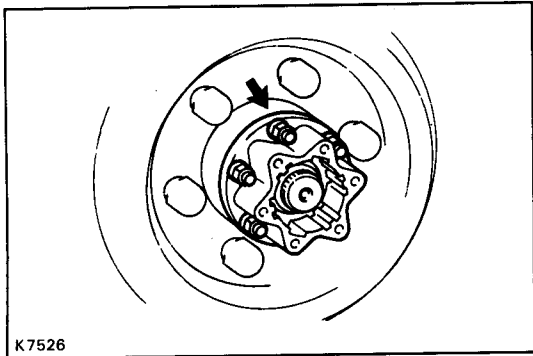
- (a) Set the control handle and clutch to the FREE position.



FA0060 FA0066



- (b) Install the cover in the body and verify that the inner hub turns smoothly.
- (c) Remove the cover from the body.

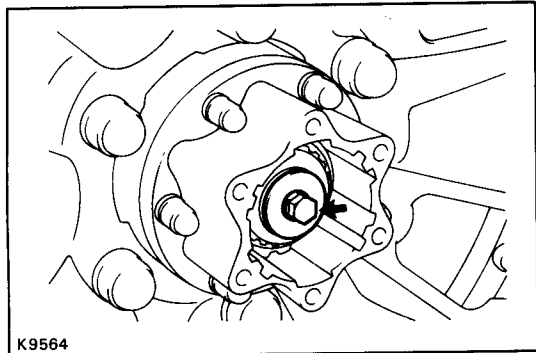


## INSTALLATION OF FREE WHEELING HUB

### 1. INSTALL FREE WHEELING HUB BODY

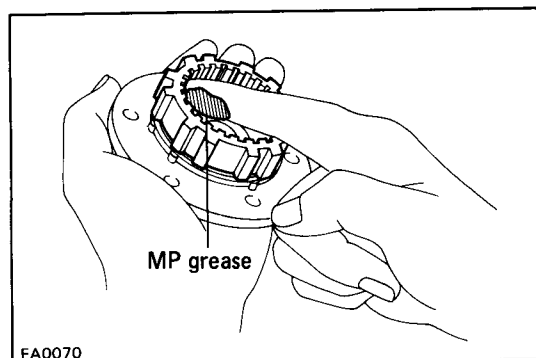
- (a) Place a new gasket in position on the front axle hub.
- (b) Install the free wheeling hub body with six cone washers and nuts. Tighten the nuts.

Torque: 31 N·m (315 kgf·cm, 23 ft·lbf)

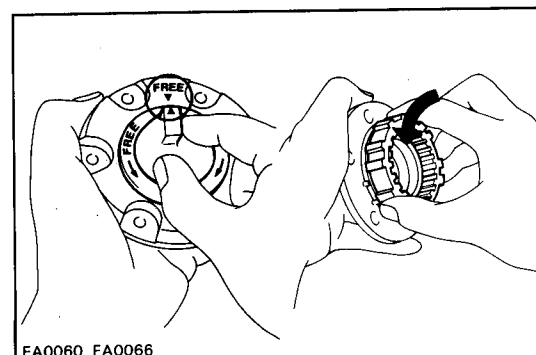


### 2. INSTALL BOLT WITH WASHER

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

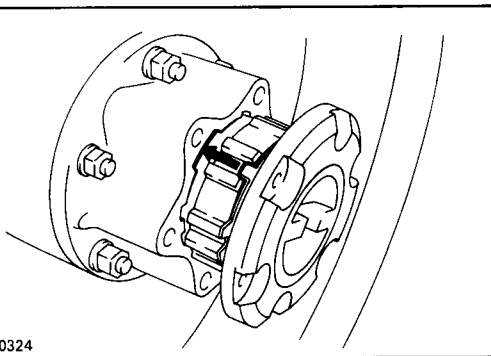


### 3. APPLY MP GREASE TO INNER HUB SPLINES

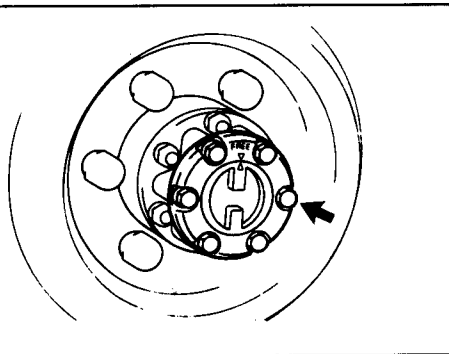


### 4. INSTALL FREE WHEELING HUB COVER WITH NEW GASKET

- (a) Set the control handle and clutch to the FREE position.
- (b) Place a new gasket in position on the cover.



- (c) Install the cover to the body with the follower pawl tabs aligned with the non-toothed portions of the body.



- (d) Tighten the cover mounting bolts.  
Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

FA0324

K7522