

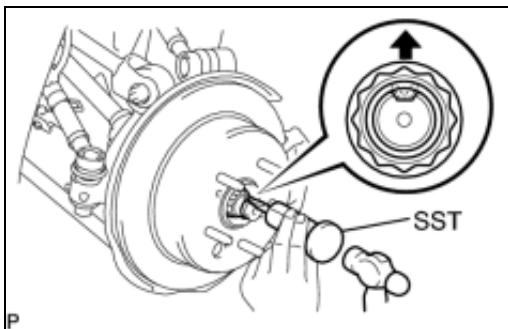
Last Modified: 11-18-2010	6.4 A	From: 200709
Model Year: 2008	Model: GS350	Doc ID: RM00000004M00JX
Title: AXLE: REAR AXLE HUB: REMOVAL (2008 GS350 GS460)		

REMOVAL

1. REMOVE REAR TIRE

2. SEPARATE LOAD SENSING VALVE SENSOR BRACKET INFO

3. REMOVE REAR AXLE SHAFT NUT



(a) Using SST and a hammer, release the staked part of the axle shaft nut.

SST: 09930-00010

NOTICE:

Release the staked part of the nut completely, otherwise the screw of the drive shaft may be damaged.

(b) While applying the brakes, remove the rear axle shaft nut.

4. SEPARATE REAR DISC BRAKE CALIPER ASSEMBLY INFO

5. REMOVE REAR DISC INFO

6. SEPARATE SPEED SENSOR REAR INFO

7. REMOVE PARKING BRAKE SHOE NO. 2 RETURN SPRING INFO

8. REMOVE PARKING BRAKE SHOE NO. 1 RETURN SPRING INFO

9. REMOVE PARKING BRAKE SHOE ADJUSTING SCREW SET INFO

10. REMOVE PARKING BRAKE SHOE ASSEMBLY NO. 1 INFO

11. REMOVE PARKING BRAKE SHOE ASSEMBLY NO. 2 INFO

12. INSTALL PARKING BRAKE SHOE LEVER

13. REMOVE PARKING BRAKE ANCHOR BLOCK



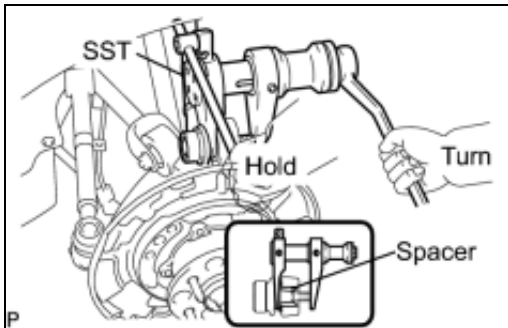
- (a) Remove the 2 nuts and the parking brake anchor block sub-assembly from the rear axle carrier sub-assembly.

14. SEPARATE UPPER CONTROL ARM ASSEMBLY REAR NO.2

- (a) Remove the nut from the upper control arm assembly rear No.2.

- (b) Using SST, separate the upper control arm assembly rear No.2 from the rear axle carrier sub-assembly.

SST: 09628-00011



NOTICE:

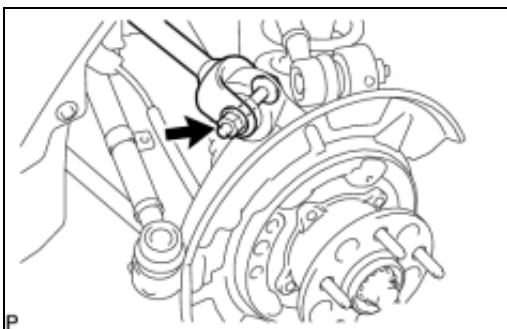
- Pay careful attention not to damage the rear axle carrier because it is made of aluminum and may be damaged easily.
- Do not damage the ball joint dust cover.
- Make sure that the SST is securely set to the rear axle carrier spacer.
- If the rear axle carrier spacer has come off, replace the rear axle carrier with a new one.
- Make sure that the string of the SST is securely tied to the vehicle.

15. SEPARATE UPPER CONTROL ARM ASSEMBLY REAR NO.1

- (a) Jack up the rear axle assembly so that the bolt on the upper control arm assembly rear No.1 can be removed.

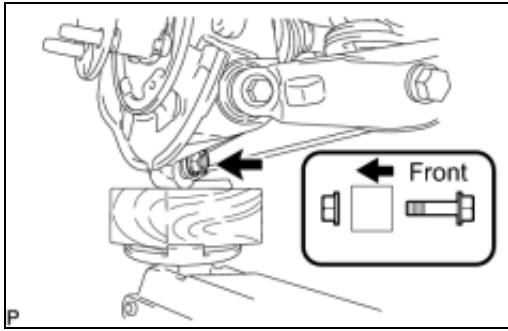
HINT:

Place a wooden block between the jack and rear axle carrier to prevent damage to the rear axle carrier.



- (b) Remove the bolt, washer and nut, and separate the upper control arm assembly rear No.1 from the rear axle carrier sub-assembly.

16. SEPARATE REAR SUSPENSION ARM ASSEMBLY NO.1

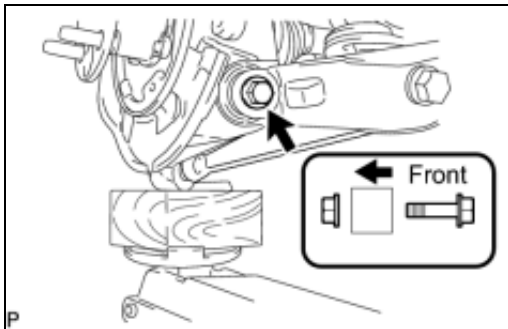


- (a) Remove the bolt and nut, and separate the rear suspension arm assembly No.1 from the rear axle carrier sub-assembly.

NOTICE:

Turn the bolt while holding the nut.

17. SEPARATE REAR SUSPENSION ARM ASSEMBLY NO.2



- (a) Remove the bolt and nut, and separate the rear suspension arm assembly No.2 from the rear axle carrier sub-assembly.

NOTICE:

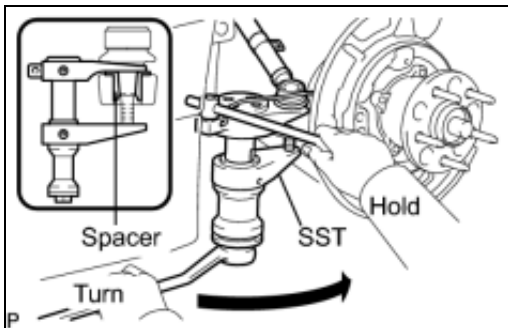
Turn the bolt while holding the nut.

18. SEPARATE TOE CONTROL LINK SUB-ASSEMBLY

- (a) Remove the nut from the toe control link sub-assembly.

- (b) Using SST, separate the toe control link sub-assembly from the rear axle carrier sub-assembly.

SST: 09628-00011



NOTICE:

- Pay careful attention not to damage the rear axle carrier because it is made of aluminum and may be damaged easily.
- Do not damage the ball joint dust cover.
- Make sure that the SST is securely set to the rear axle carrier spacer.
- If the rear axle carrier spacer has come off, replace the rear axle carrier with a new one.
- Make sure that the string of the SST is securely tied to the vehicle.

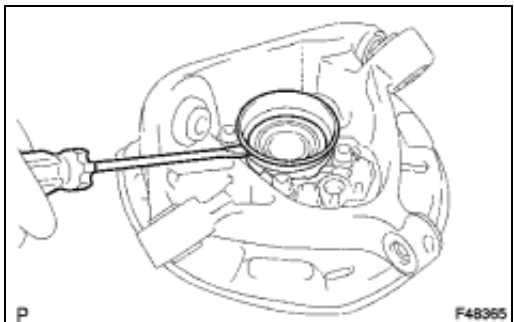
19. REMOVE REAR AXLE ASSEMBLY

- (a) Using a plastic hammer, separate the drive shaft from the rear axle carrier sub-assembly.
- (b) Remove the rear axle assembly.

NOTICE:

- Be careful not to damage the boot.
- Use a wire or an equivalent to keep the rear drive shaft assembly from hanging down.

20. REMOVE REAR WHEEL BEARING DUST DEFLECTOR NO.2



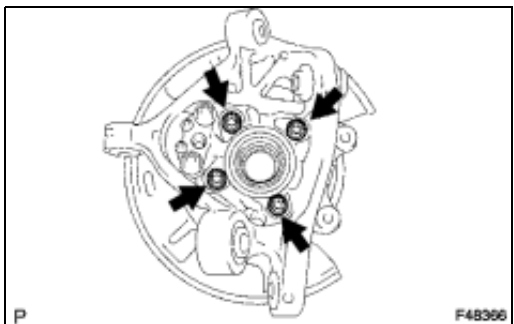
- (a) Using a screwdriver, remove the bearing dust deflector No.2 from the rear axle carrier sub-assembly.

21. REMOVE REAR AXLE HUB AND BEARING ASSEMBLY

- (a) Hold the axle hub and bearing assembly in a vise between aluminium plates.

NOTICE:

Do not overtighten the vise.



- (b) Remove the 4 bolts and axle hub and bearing assembly from the rear axle carrier sub-assembly.

