

Wheel Stud Replacement

Special Tools

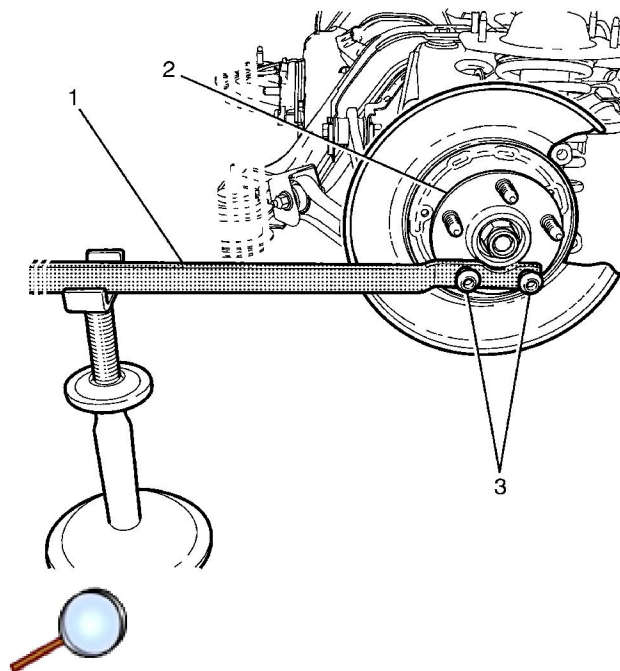
- [C-4150-C](#) Press Tool.
- [7208](#) Drive Shaft Remover.
- [KM-468](#) Hub Holding Tool.

Removal Procedure

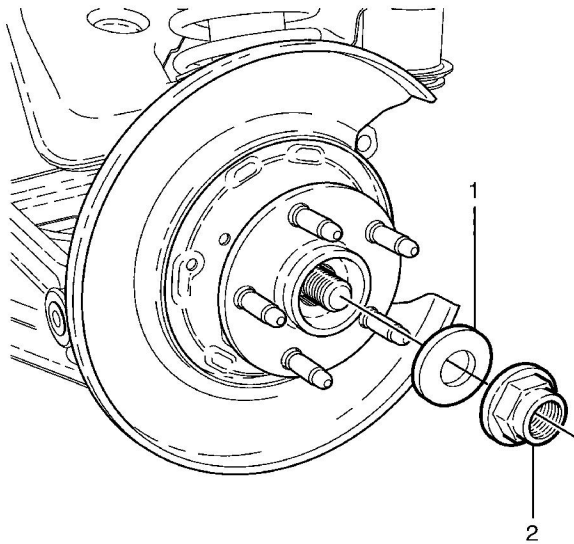
Warning: Refer to [Safety Glasses Warning](#) in the Preface section.

Danger: To avoid any vehicle damage, serious personal injury or death when major components are removed from the vehicle and the vehicle is supported by a hoist, support the vehicle with jack stands at the opposite end from which the components are being removed and strap the vehicle to the hoist.

1. Raise and support the vehicle. Refer to [Lifting and Jacking the Vehicle](#).
2. Remove the rear wheels. Refer to [Tire and Wheel Removal and Installation](#).
3. Remove the rear brake disc. Refer to [Rear Brake Rotor Replacement](#).

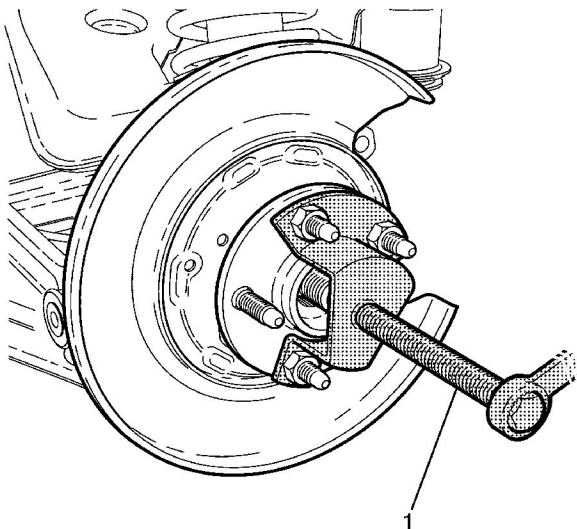


4. Install the [KM-468](#) (1) to the wheel hub (2) with two inverted wheel nuts (3).
5. Support the [KM-468](#) (1) outer end on a safety stand.

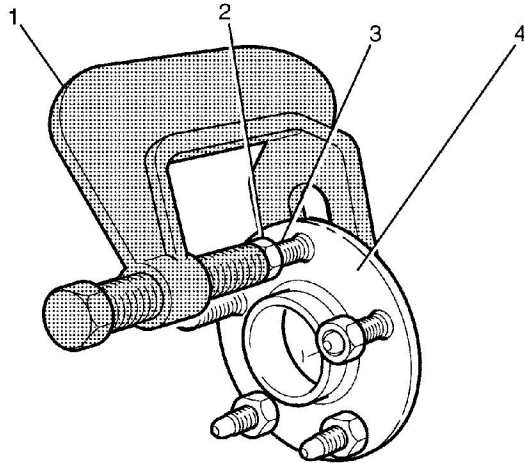


Note: The rear driveshaft retaining nut (2) and washer (1) must be discarded after removal.

6. Remove the rear driveshaft retaining nut (2) and washer (1).
 - Discard the nut.
 - Discard the washer.

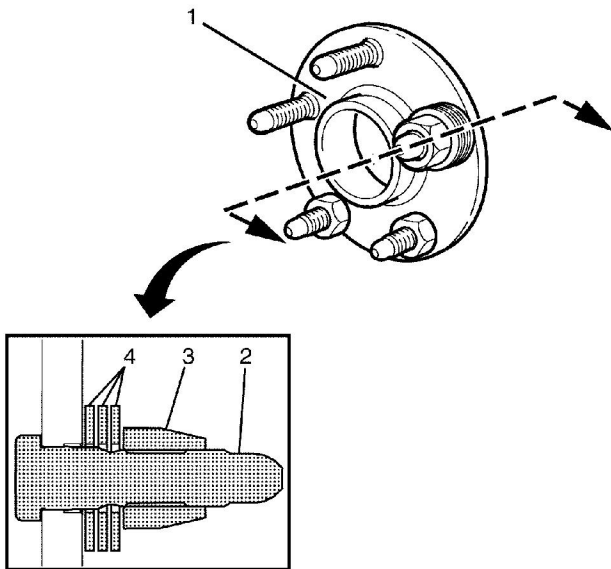


7. Secure the rear driveshaft with wire to protect it from damage.
8. Install the [7208](#) (1) to the wheel hub (2).
9. Press the rear driveshaft from the wheel hub using the [7208](#) (1).
10. Remove the [7208](#) (1) from the wheel hub (2).



11. Install a wheel nut (2) flush with the end of the wheel stud (3).
12. Remove the wheel stud (3) from the wheel hub (4) using the [C-4150-C](#) (1).
13. Repeat steps 11 and 12 for any additional wheel studs that require replacement.

Installation Procedure

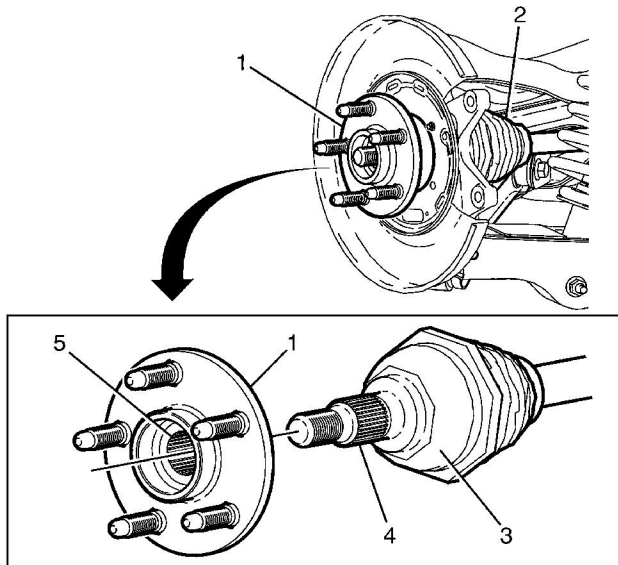


1. Install the wheel stud (2) to the wheel hub (1).

Caution: Refer to [Fastener Caution](#) in the Preface section.

Note: Suitable sized spacing washers (4) must be used to fully seat the wheel stud (2).

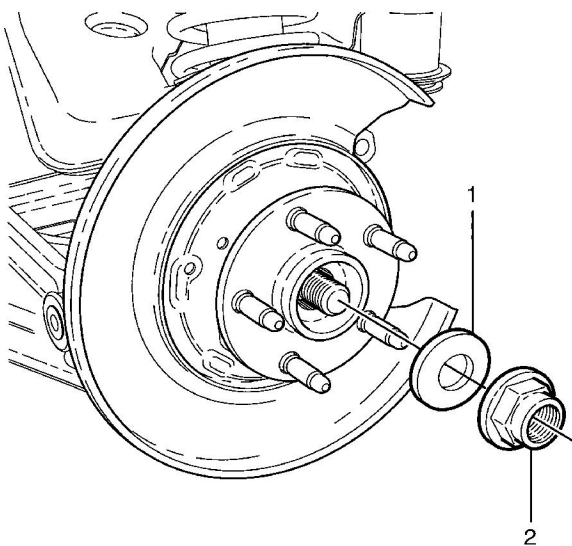
2. Install spacing washers (4) and an inverted wheel nut (3) onto the replacement wheel stud (2) and tighten to **170 N·m (125 lb ft)**.
3. Remove the wheel nut (3) and spacing washers (4).
4. Repeat steps 1 to 3 for any additional studs that require replacement.



Note: Lightly lubricate the rear driveshaft outer splined end (4) with the recommended differential lubricant.

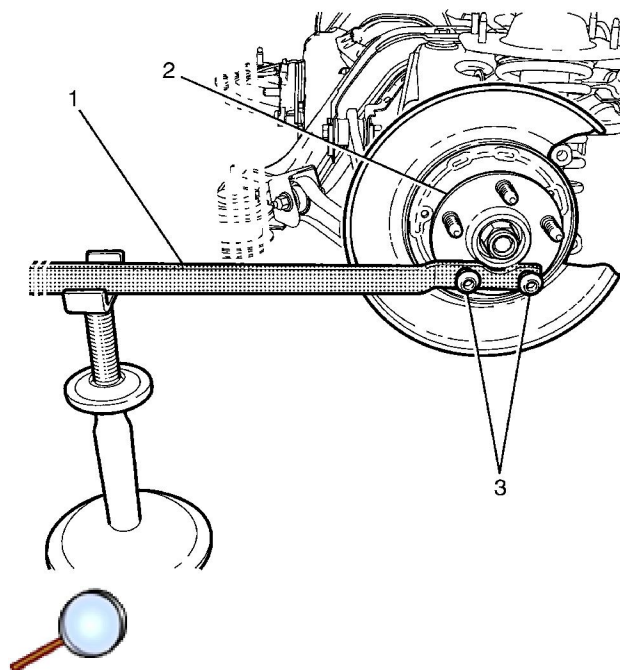
Note: DO NOT excessively push the rear driveshaft (3) through the wheel hub (1).

5. Remove the rear driveshaft securing wire, used in the removal process to prevent damage.
6. Push the rear driveshaft outer splined end (4) into the splined cavity (5) of the wheel hub (1).



Note: A NEW nut and NEW washer must be used when installing the rear drive shaft.

7. Install the rear driveshaft NEW retaining nut (2) and NEW washer (1).



8. Secure the [KM-468](#) (1) and tighten the wheel nut (3) to pull the stud (2) into place.

Tighten

Tighten the nut a first pass to 150 N·m (111 lb ft).

Tighten

Loosen the nut in a second pass 180 Degrees.

Tighten

Tighten the nut a final pass to 320 N·m (259 lb ft).

9. Remove the [KM-468](#) (1).
10. Remove the rear brake disc. Refer to [Rear Brake Rotor Replacement](#).
11. Install the rear wheel. Refer to [Tire and Wheel Removal and Installation](#).
12. Remove the safety stands.
13. Lower the vehicle to the ground.