



Service Bulletin

File in Section: -

Bulletin No.: 17-NA-143

Date: February, 2018

TECHNICAL

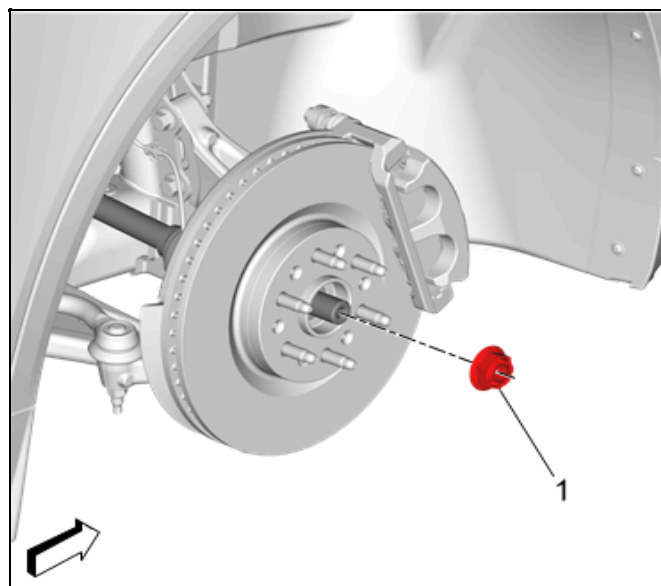
Subject: Clicking Noise from Front On Accel and Decel at Low Speeds

| Brand: | Model: | Model Year: | | VIN: | | Engine: | Transmission: |
|-----------|----------------|-------------|------|------|----|---------|---------------|
| | | from | to | from | to | | |
| Buick | Enclave | 2018 | 2018 | | | | |
| Chevrolet | Traverse | 2018 | 2018 | | | | |
| Cadillac | XT5 | 2017 | 2018 | | | | |
| | XTS | | | | | | |
| GMC | Acadia (VIN N) | | | | | | |

| | |
|-----------------------------------|--|
| Involved Region or Country | North America and N.A. Export Regions |
| Condition | Some customers may comment on a clicking noise from front wheels on Accel and Decel at low speeds. |
| Cause | This condition may be caused by a loss of torque on the drive axle nut. |
| Correction | If the above condition has been confirmed, the axle nut and anti-click washer must be replaced. |

Service Procedure

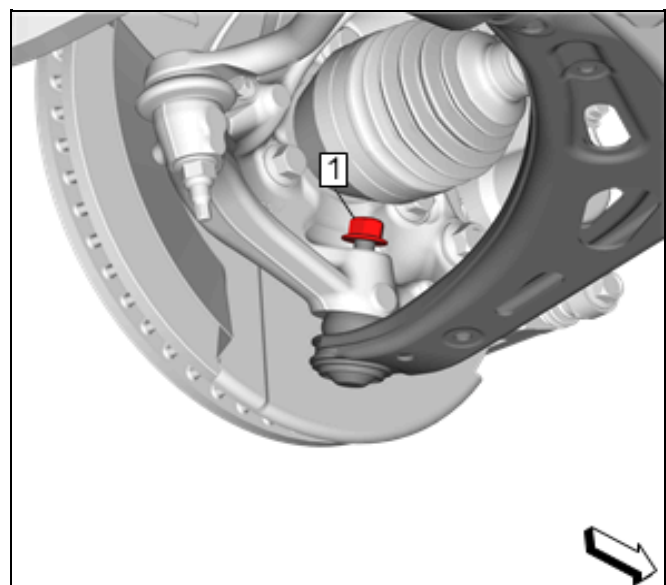
1. Remove the front tire and wheel assembly. Refer to *Tire and Wheel Removal and Installation* in SI.



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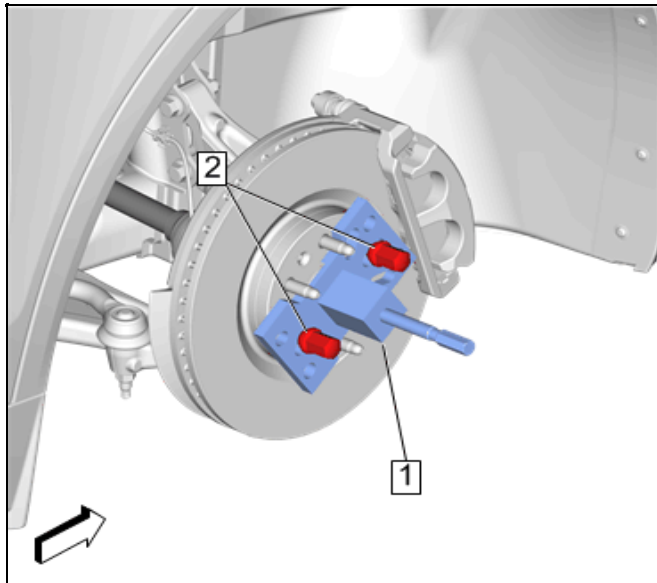
Caution: DO NOT use air tools to remove the wheel drive shaft nut. Damage to the wheel drive shaft threads could occur. Use hand tools only.

2. Remove the wheel drive shaft nut (1) and **DISCARD** the nut.
3. Separate the steering linkage outer tie rod from the steering knuckle.



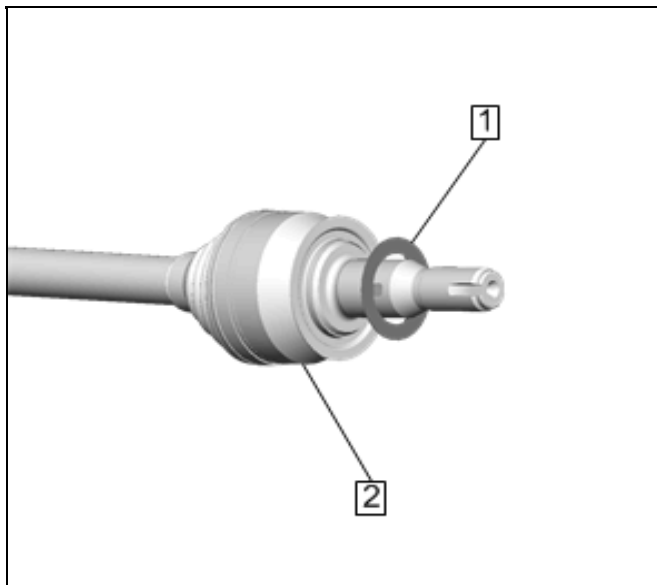
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4. Remove the lower ball joint nut (1).
5. Separate the lower control arm from the steering knuckle.



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6. Attach the J-45859 remover (1) to the wheel hub using the wheel lug nuts (2).
7. Using the J-45859 remover, separate the wheel drive shaft from the wheel bearing/hub.



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8. Remove the washer (1) from the wheel drive shaft (2) and **DISCARD** the washer.

9. Position the new washer onto the wheel drive shaft.
 10. Using care, install the drive shaft into the hub.
 11. Install the steering knuckle onto the lower control arm.
 - Tighten the fastener to specifications. Refer to Fastener Specifications in SI.
 12. Install the outer tie rod to the steering knuckle.
 - Tighten the fastener to specifications. Refer to Fastener Specifications in SI.
- Note: DO NOT** use air tools to tighten the wheel drive shaft nut. Tighten the NEW wheel drive shaft nut slowly to draw the wheel drive shaft into the hub assembly prior to tightening to specifications.
13. Install new axle nut to drive shaft.
 14. With the aid of an assistant holding the brake pedal down, tighten the NEW wheel drive shaft nut.
 - 14.1. First Pass: **150 N•m (111 lb ft)**
 - 14.2. Second Pass: **Loosen 45 degrees**
 - 14.3. Final Pass: **270 N•m (199 lb ft)**
 15. Install the front tire and wheel assembly. Refer to *Tire and Wheel Removal and Installation* in SI.

Parts Information

| Description | Part Number | Qty |
|-------------------------|--------------|-----|
| Washer, FRT WHL DRV SHF | Refer to EPC | 2 |
| NUT, FRT WHL DRV SHF | | 2 |

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

| Labor Operation | Description | Labor Time |
|-----------------|---|------------|
| 3080208* | Install Front Axle Shaft Nut and Washer | 1.0 hr |

*This is a unique Labor Operation for Bulletin use only.

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|-----------------|--|
| Version | 4 |
| Modified | May 30, 2017 - Added the 2018 Model Year and XTS model. Feb. 08, 2018 - Add Enclave and Traverse models. Feb. 21, 2018 - Update Parts section. |

