

Vehicle: 2020 JEEP GLADIATOR: RUBICON 3.6L V6 (G) ERC-GAS-FI-N

Content: Steering & Suspension >> Component Replacement

TIE ROD R&R

LEFTHAND

Removal

1. Raise and support vehicle.
2. Remove tire and wheel assembly.
3. Loosen tie rod end adjuster clamp (1), **Fig. 1**.
4. Remove and discard tie rod end nut (2). Hold end of ball stud with a wrench when removing or installing nuts to prevent damage to tie rod, **Fig. 1**.
5. Separate tie rod end from steering knuckle using 9360, or equivalent. Count number of turns when removing tie rod end. This will give a good starting point for reassembly and toe adjustment.
6. Unthread left tie rod end from tie rod adjuster sleeve (3), **Fig. 1**.

Installation

1. Thread lefthand tie rod into righthand tie rod by rotating adjuster sleeve (3), **Fig. 1**.
2. Insert tie rod end in steering knuckle.
3. Install a new tie rod end nut (2). Hold end of ball stud with a wrench when removing or installing nuts to prevent damage to tie rod. Do not reuse these fasteners. If removed, a new fastener must be installed and tightened to specifications, **Fig. 1**.
4. Position tie rod adjuster sleeve clamp (1) and tighten to proper, **Fig. 1**.

5. **Torque** tie rod end adjuster clamp to 46 Nm. (34 ft. lbs.), **Fig. 1**.
6. **Torque** tie rod end nut (2) to 64 Nm. (47 ft. lbs.), **Fig. 1**.
7. Install tire and wheel assembly.
8. Remove supports and lower vehicle.
9. Set toe.

RIGHTHAND

Removal

1. Raise and support vehicle.
2. Remove tire and wheel assembly.
3. Remove two steering damper bracket nuts (2) and bolts, **Fig. 2**.
4. Remove and discard tie rod end nut (1), **Fig. 2**. Hold end of ball stud with a wrench when removing or installing nuts to prevent damage to tie rod.
5. Separate tie rod end from steering knuckle using 9360, or equivalent, **Fig. 2**. Count number of turns when removing tie rod end. This will give a good starting point for reassembly and toe adjustment.
6. Loosen tie rod end adjuster clamp (1), **Fig. 3**.
7. Rotate adjuster sleeve (3) to disengage lefthand tie rod from righthand tie rod, **Fig. 3**.

Installation

1. Thread lefthand tie rod into righthand tie rod by rotating adjuster sleeve (2), **Fig. 3**.
2. Insert tie rod end in steering knuckle.
3. Install a new tie rod end nut (1), **Fig. 3**.
4. **Torque** tie rod end nut (2) to 64 Nm. (47 ft. lbs.), **Fig. 3**.
5. Install two steering damper bracket bolts.

6. **Torque** two steering damper bracket nuts (2) to 75 Nm. (55 ft. lbs.), **Fig. 2**.
7. Install two steering damper bracket nuts (2), **Fig. 2**.
8. **Torque** two steering damper bracket nuts (2) to 75 Nm. (55 ft. lbs.), **Fig. 2**.
9. Install tire and wheel assembly.
10. Remove supports and lower vehicle.
11. Set toe.

Fig. 1

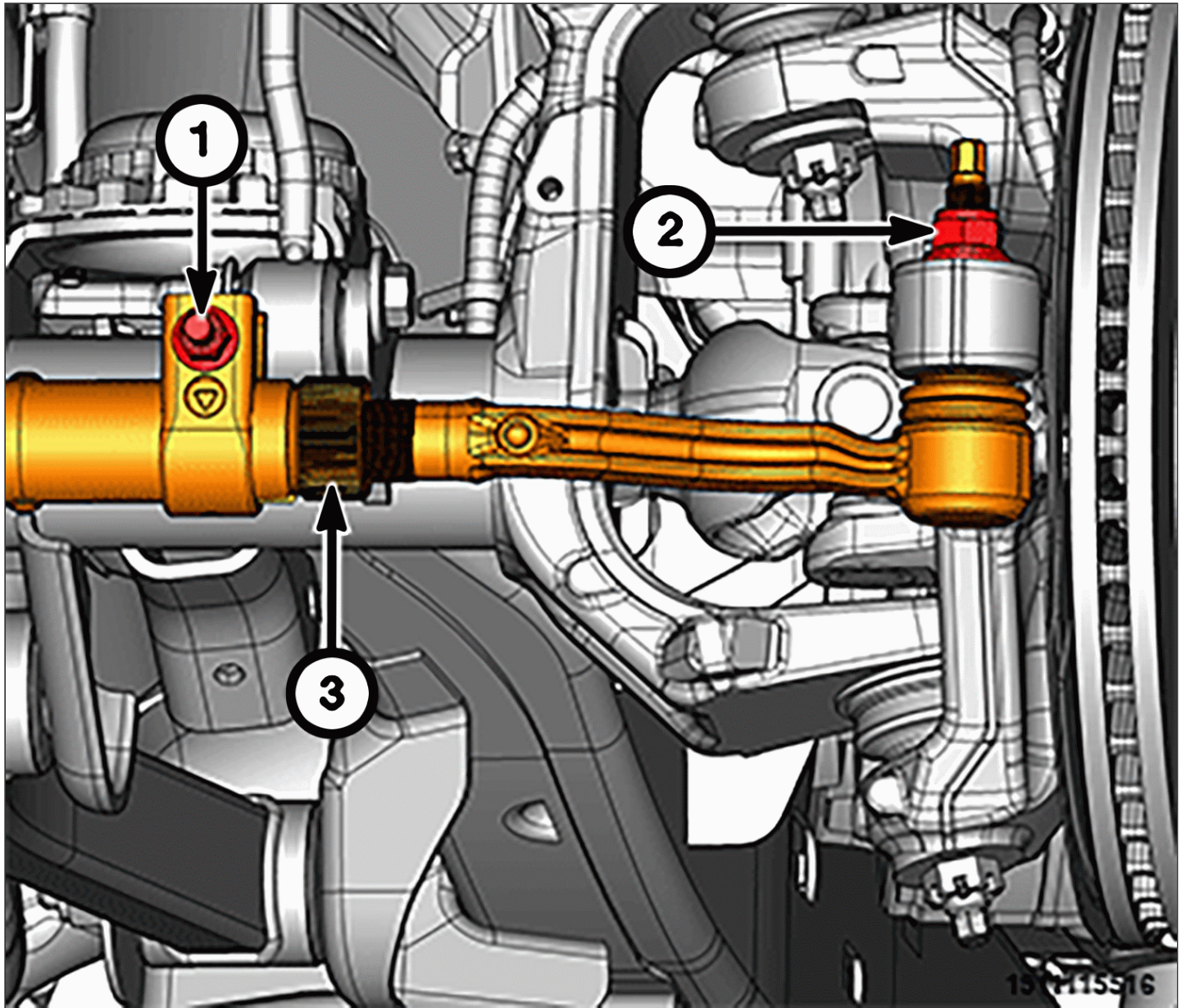


Fig. 2

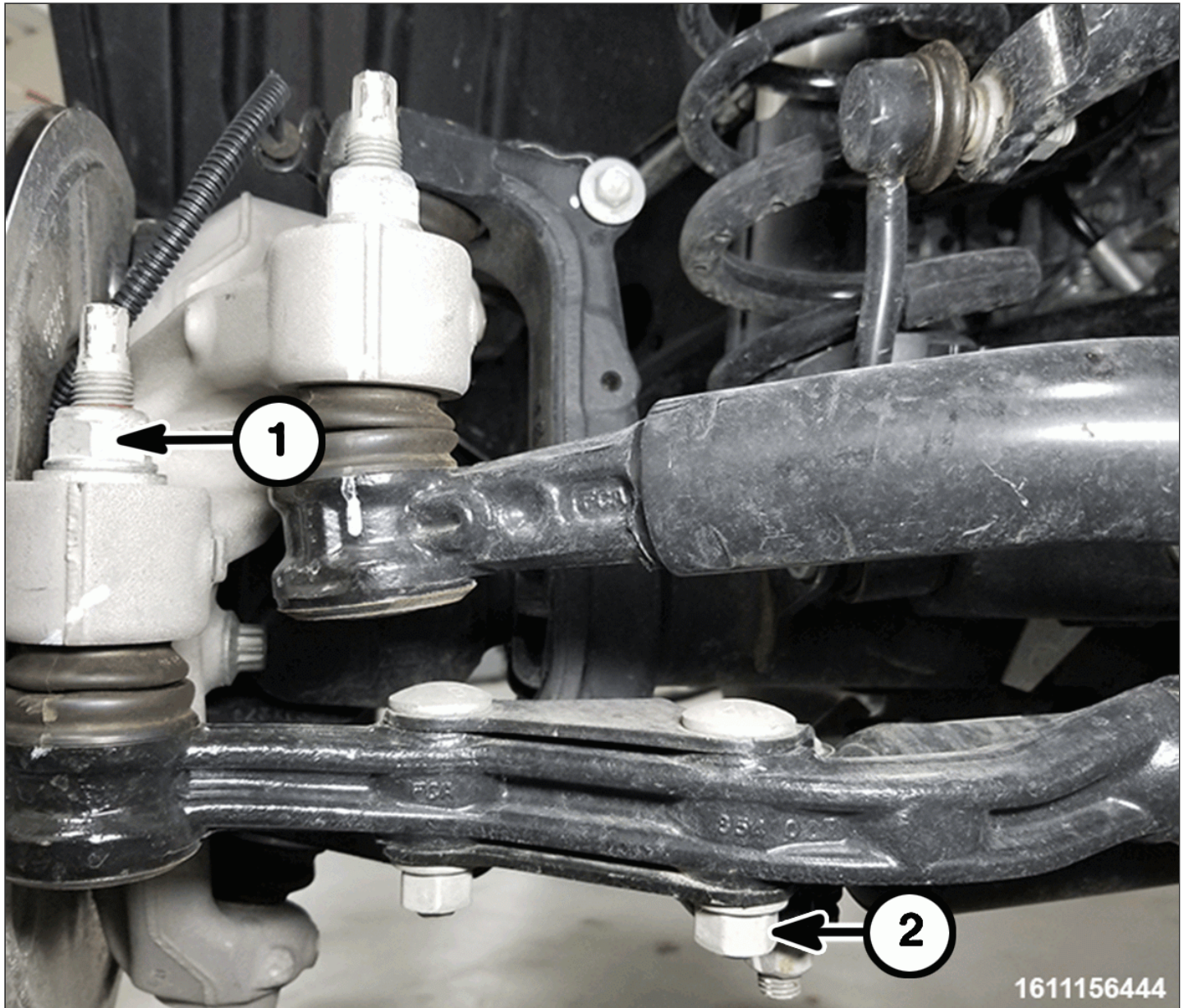
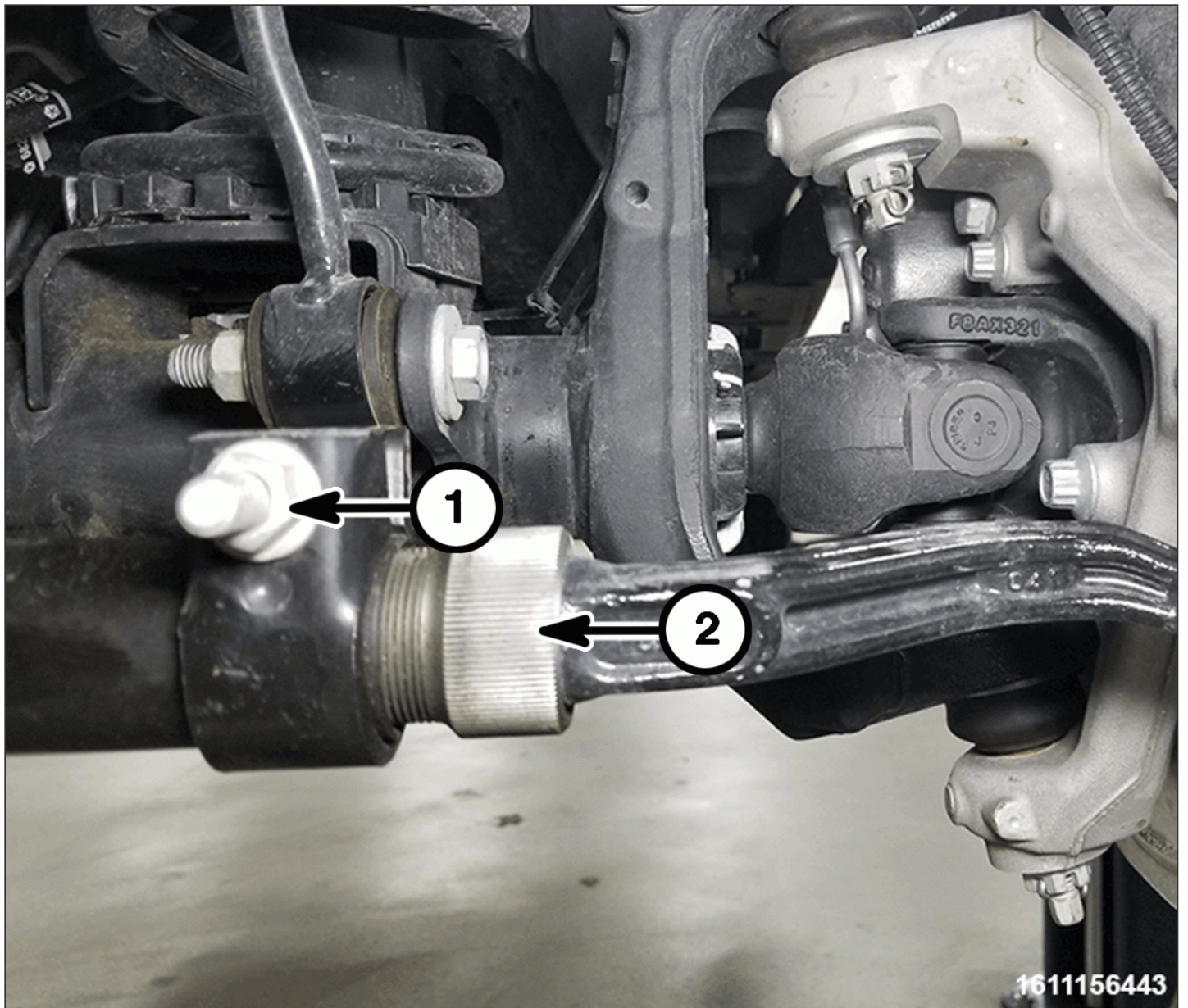


Fig. 3



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