

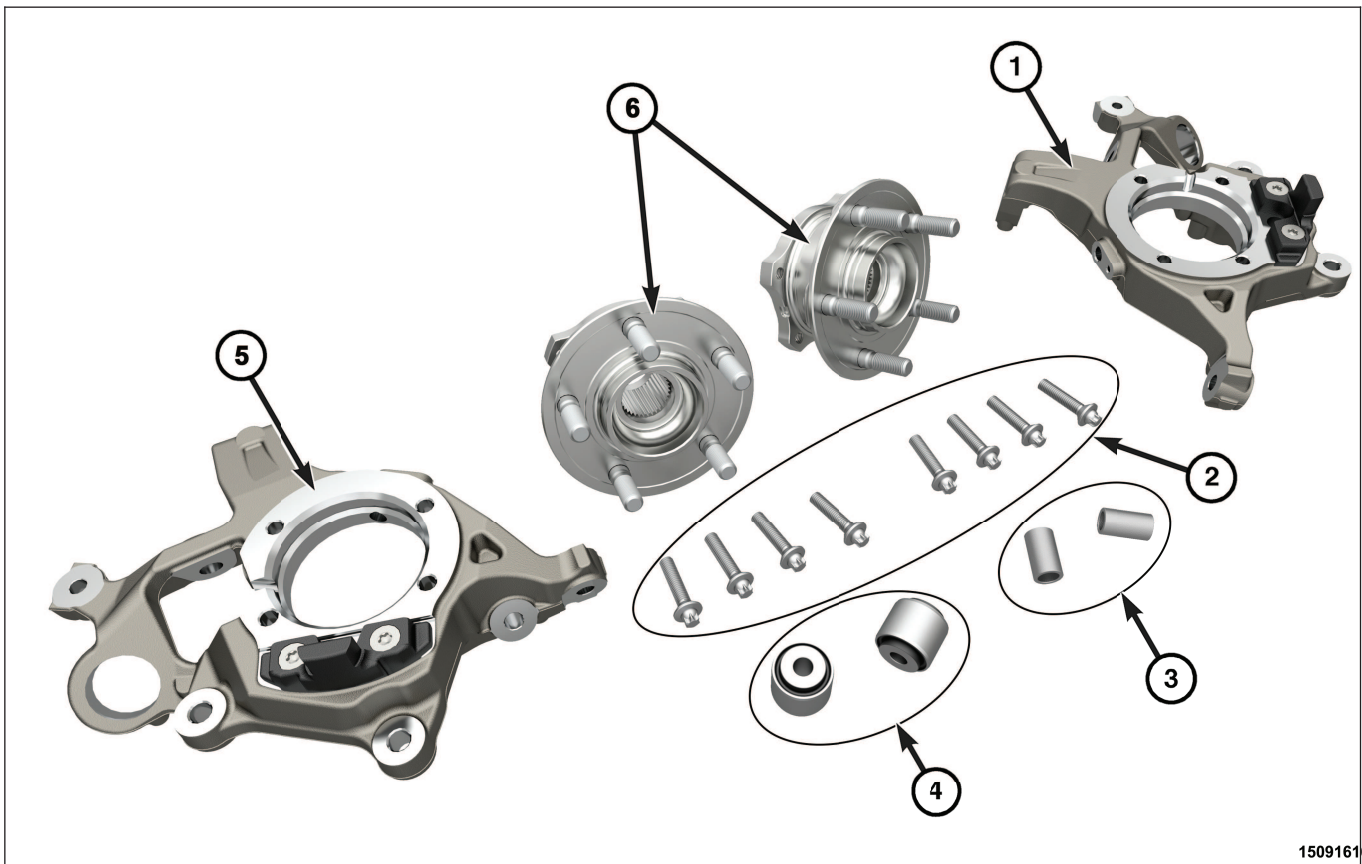


Direct Connection Performance Part

REDEYE CAMBER REAR KNUCKLES

PART NUMBER: 77072544AB

2008+ R/T — HELLCAT (5.7L, 6.2L, 6.4L)



1509161633

Item	Description	Part Number	Quantity
1	Right Rear Knuckle	68363110AB	1
2	Hub and Bearing Bolts	06507234AA	8
3	Lower Bushing Sleeve	04743263AA	2
4	Rear Knuckle Lower Bushing	05180587AB	2
5	Left Rear Knuckle	68363111AB	1
6	Hub and Bearing	05181925AC	2

Tools Required	
Description	Part Number
Rear Knuckle Sleeve Remover/Installer Kit	9361A
TO PURCHASE GENUINE MOPAR® SPECIAL TOOLS, PLEASE VISIT: WWW.MOPARESENTIALTOOLS.COM	

PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLATION.
FOR ASSISTANCE CONTACT DIRECT CONNECTION TECH HOTLINE 1-800-998-1110

REAR KNUCKLE REMOVAL

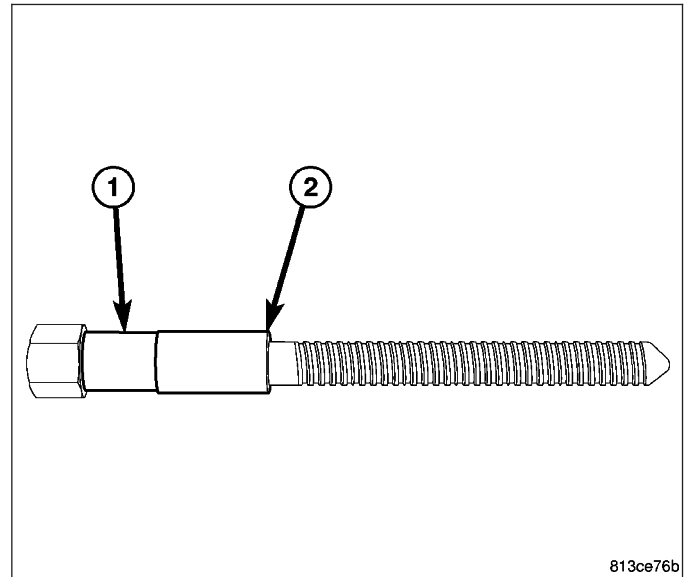
1. Raise and support the vehicle.
2. Remove the tire and wheel assemblies.
3. Detach the wheel speed sensor connector from the brake splash shield and remove the wheel speed sensor bolt, then separate the wheel speed sensor from the knuckle.
4. With a helper applying brake pressure, remove the half shaft nut.
5. Remove the brake rotor, parking brake shoes, and parking brake cable from the knuckle.
6. Position a suitable jack under the spring link. Raise the jack head to contact the spring link at the shock mount and secure in place.
7. Remove the compression link to knuckle bolt, stabilizer link to knuckle bolt, and toe link to knuckle bolt.
8. Remove the camber link and the tension link to knuckle bolts.
9. Remove the spring link bolt.
10. Remove the knuckle.
11. Remove bolts and separate the hub and bearing from the knuckle.
12. Remove the brake splash shield.

NOTE: Repeat the appropriate procedures for the opposing side.

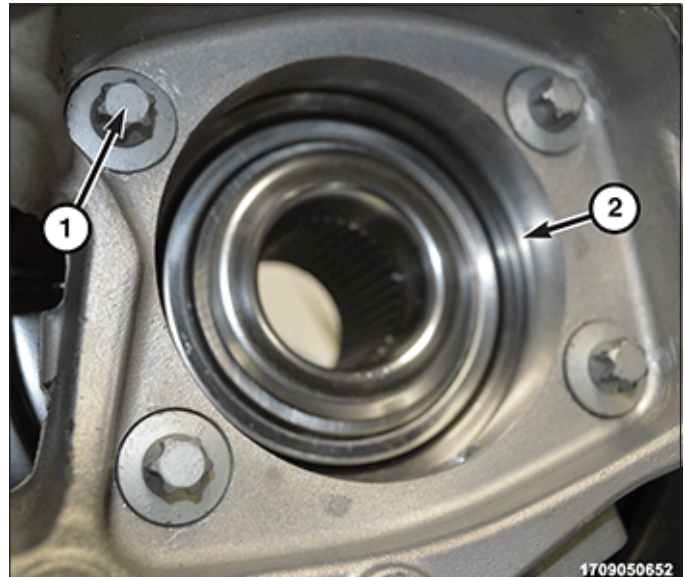
REAR KNUCKLE INSTALLATION

1. Install the new knuckle lower bushings included in the kit as follows:

NOTE: Prior to using the Screw, Installation: 9361-7, lubricate the bolt (1) threads to provide ease of use and promote tool longevity.

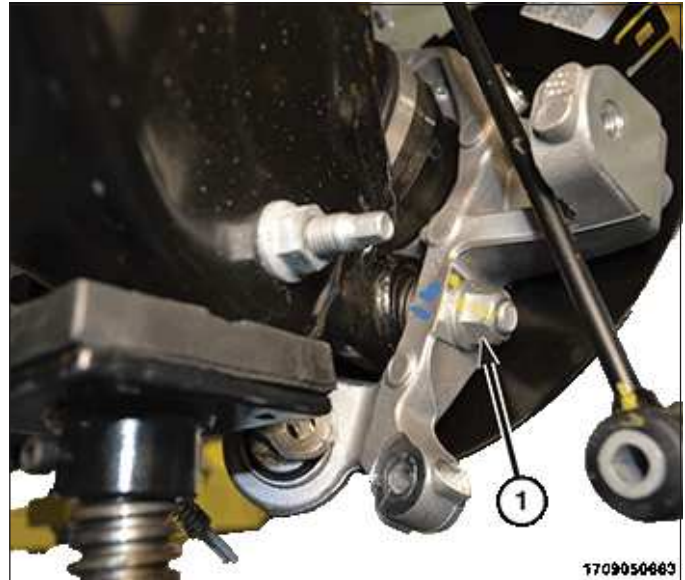


- 1) Place the new knuckle sleeve (2) onto (1), and slide it up to bolt's head.
 - 2) Starting from knuckle forward end, slide (1) with sleeve through knuckle.
 - 3) Install the thrust bearing and nut. **When installing thrust bearing on Installer, make sure to install the hardened side against nut. Place bearing outer cage against stationary component.**
 - 4) Using hand tools, hold the bolt head (1) stationary, then rotate nut to install sleeve in the knuckle. Install sleeve until nut stops turning. **Do not overtighten Nut.**
 - 5) Remove the special tool.
2. Install the brake splash shield.
 3. Install the hub and bearing (2) in the knuckle and install the hub and bearing bolts (1). Torque to **68 N·m (50 Ft. Lbs.)**.

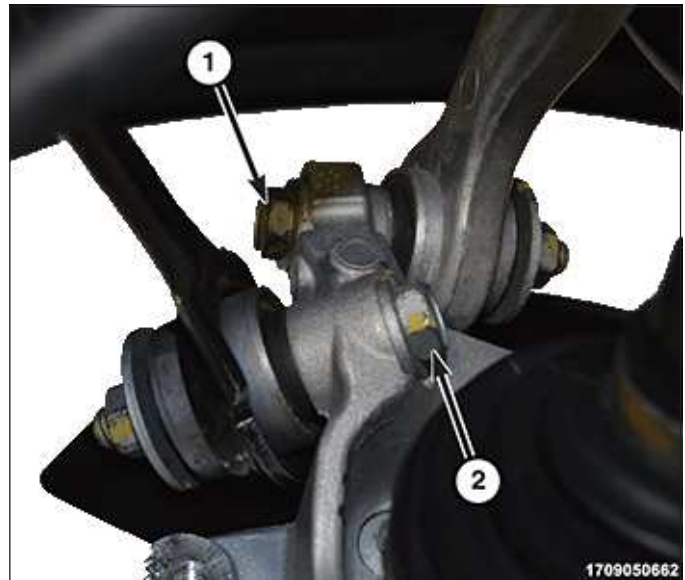


4. Position the knuckle on the vehicle and install the spring link bolt (1). **Do not tighten bolt at this time.**

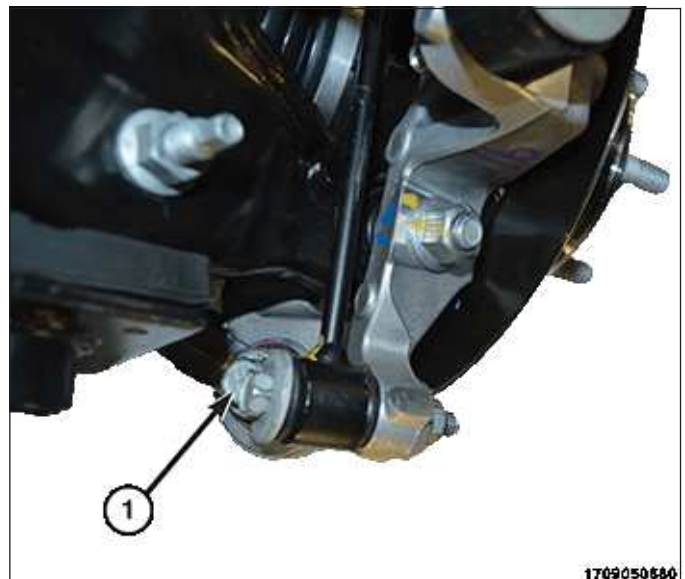
NOTE: Using a suitable tool, move the knuckle lower bushing inward to ease installation of the spring link onto the knuckle.



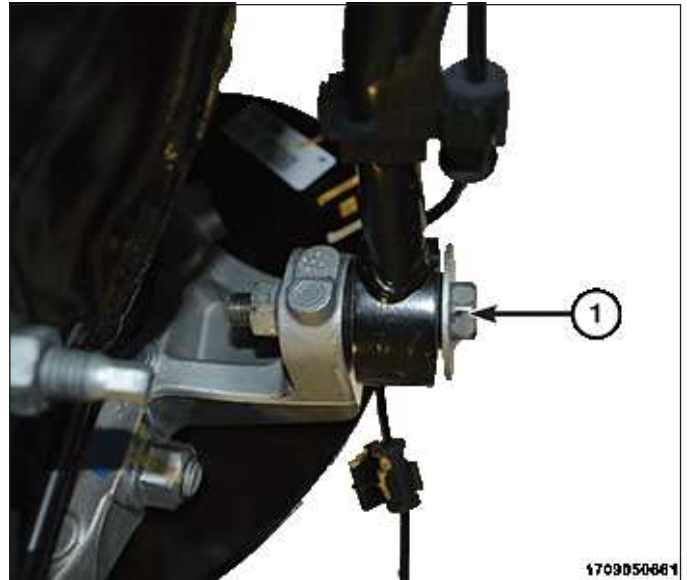
5. Install the tension link bolt (2) and the camber link (1) to knuckle bolts **Do not tighten bolts at this time.**



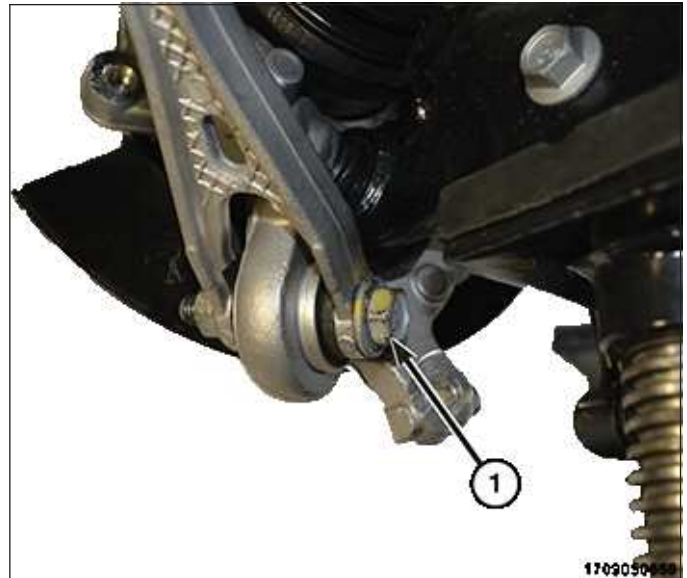
6. Install the stabilizer link bolt (1) to the knuckle. **Do not tighten bolt at this time.**



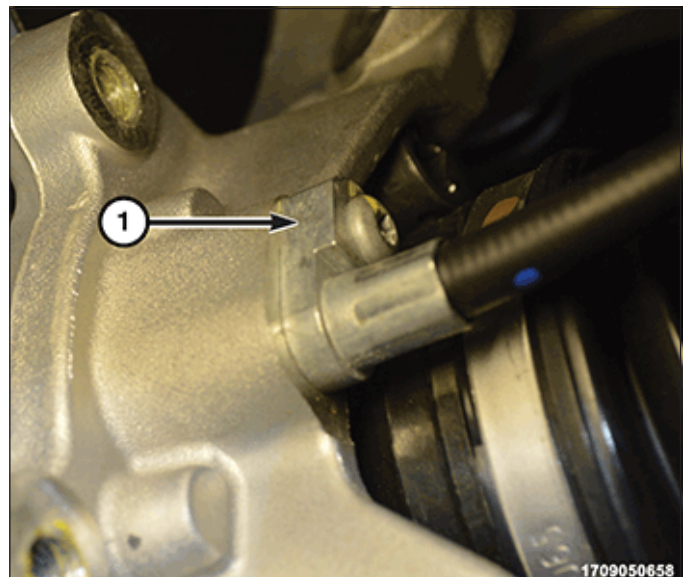
7. Install the toe link bolt (1) to knuckle bolt.
Do not tighten bolt at this time.



8. Install the compression link bolt (1) to the knuckle. **Do not tighten bolt at this time.**

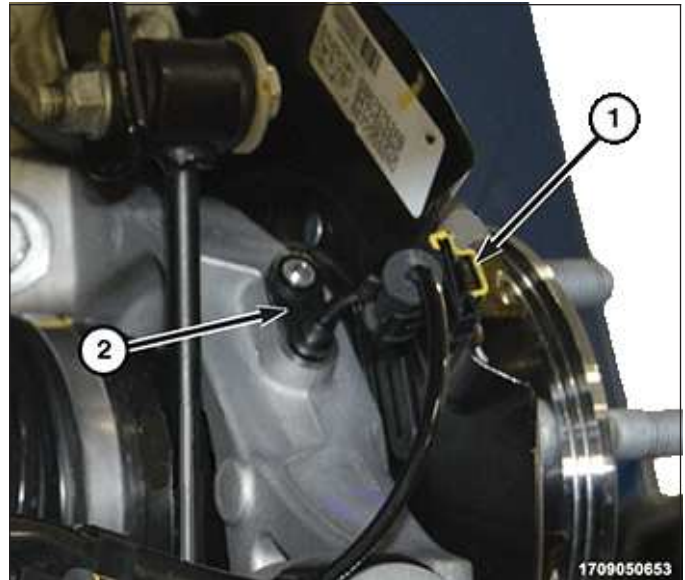


9. Insert end of parking brake cable (1) into the knuckle and install the parking brake cable bolt. Torque the parking brake cable bolt to **10 N·m (89 In. Lbs.)**.

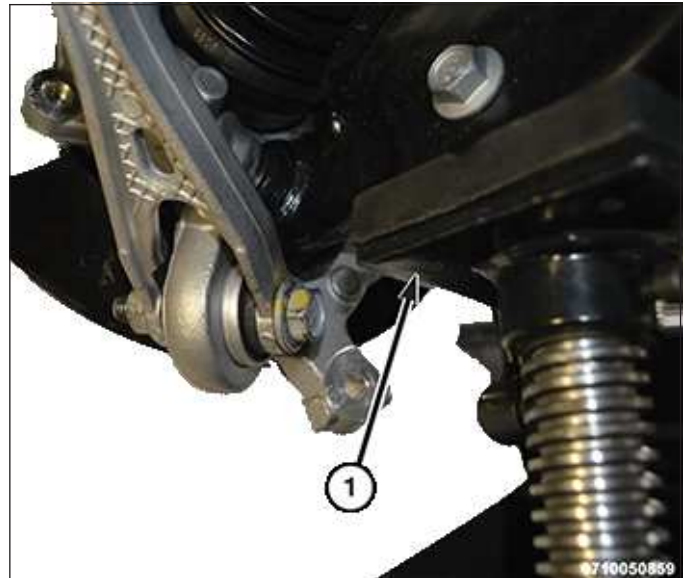


10. Install the parking brake shoes.

11. Attach the wheel speed sensor connector (1) onto the brake splash shield. Install the wheel speed sensor into the knuckle (2), then install the wheel speed sensor bolt then torque to **11 N·m (97 In. Lbs.)**.

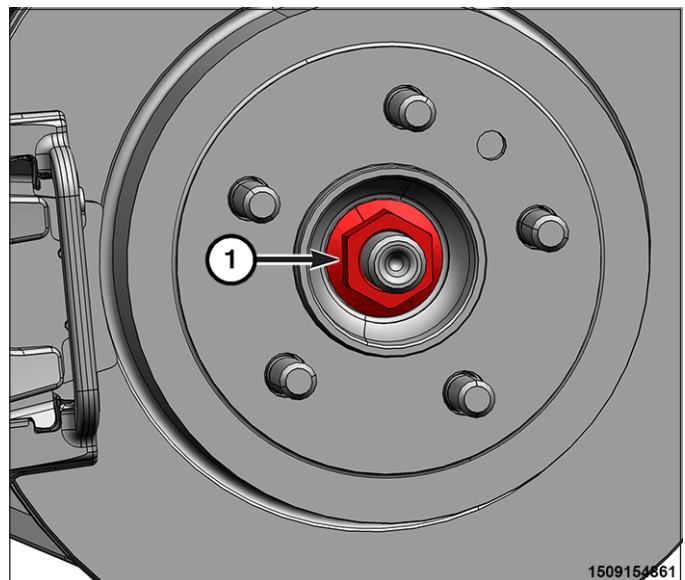


12. Remove the support (1) from under the spring link.



13. Install the brake caliper and the brake rotor.
14. With a helper applying brake pressure, install the half shaft nut (1) and torque to **213 N·m (157 Ft. Lbs.)**.

NOTE: Repeat the appropriate procedures for the opposing side.



15. Install the tire and wheel assemblies.
16. Lower vehicle.
17. Adjust parking brake shoes as necessary.
18. Position vehicle on alignment rack/drive-on hoist. Raise vehicle as necessary to access mounting bolts.
19. Tighten the following fasteners on both the Left and Right side rear knuckles (4) to the proper Torque Specification with vehicle at curb height:
 - Camber Link (1) to Knuckle Bolt **98 N·m (72 Ft. Lbs.)**.
 - Compression Link (5) to Knuckle Bolt **95 N·m (70 Ft. Lbs.)**.
 - Stabilizer Link to Knuckle Bolt **61 N·m (45 Ft. Lbs.)**.
 - Tension Link (6) to Knuckle Bolt **98 N·m (72 Ft. Lbs.)**.
 - Toe Link (3) to Knuckle Bolt **100 N·m (74 Ft. Lbs.)**.
 - Spring Link (2) to Knuckle Bolt **142 N·m (105 Ft. Lbs.)**.
20. Perform wheel alignment.

