BK069 – REAR UPPER CONTROL ARM BEARING

RECOMMENDED TOOLS:

- Jack and jack stands
- Deep well sockets – 10mm 15mm, 18mm, 36mm
- T25 Torx socket
- Wrenches – 15mm, 18mm
- Ratchet
- 6mm hex key
- Hydraulic Press
- Plastic-Tip Hammer
- **NOTE: *General Motors requires* that you replace many of the rear suspension bolts as they are Torque to Yield bolts, also known as *T.A.Y.* fasteners (Torque Angle Yield) or single use fasteners. During development and testing we have not replaced any of these bolts, your results may vary. Refer to the torque spec chart and part number guide after the instructions if you wish to replace your factory bolts.**

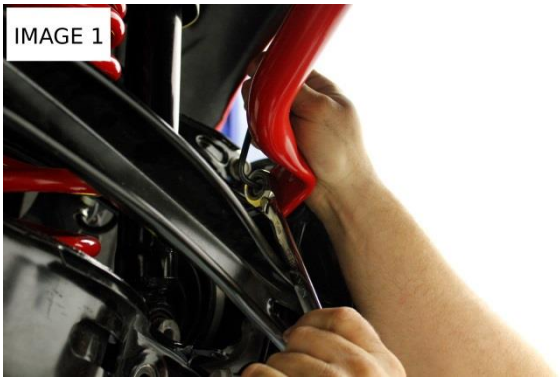
IMAGE 1

IMAGE 2

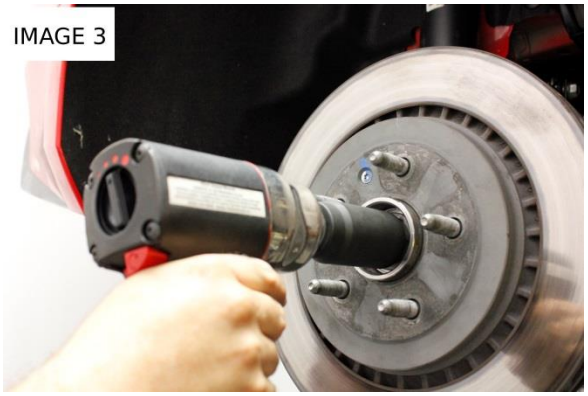
IMAGE 3

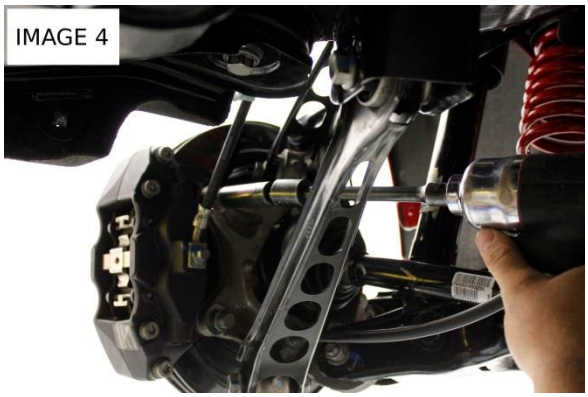
IMAGE 4

INSTALLATION:

1. Lift the rear of vehicle and remove rear wheels. Support with jackstands, and ensure jackstand placement doesn't interfere with removal of all rear suspension components.
2. Using the 6mm hex key and 15mm wrench, unbolt the top of the sway bar end link as shown in **IMAGE 1**.
3. Using the 15mm wrench, remove the bottom end link bolt and set end link aside. **IMAGE 2**
4. Using the 36mm socket, remove axle nut as shown in **IMAGE 3**.
5. Using the 15mm socket, remove brake caliper. Make sure to hang brake from a hook or wire, as the line is not designed to hold the weight of the brake caliper. **IMAGE 4**

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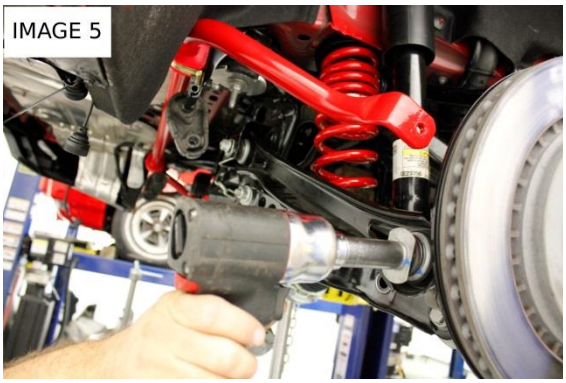
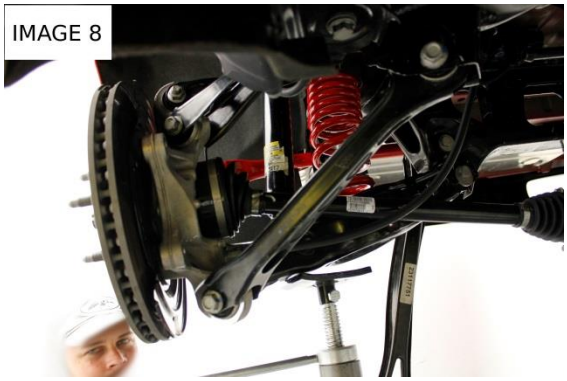
6. Using the 18mm socket, unbolt the outer end of the toe bar and swing away. **IMAGE 5**



7. Using the 10mm socket, unbolt and remove ABS sensor as shown in **IMAGE 6**.

8. Using the 18mm socket and wrench, unbolt the shock from the lower control arm as shown in **IMAGE 7**.

9. Support the lower control arm with a block or jack as seen in **IMAGE 8**.



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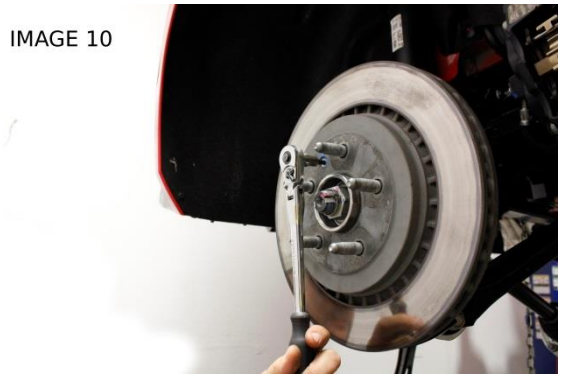
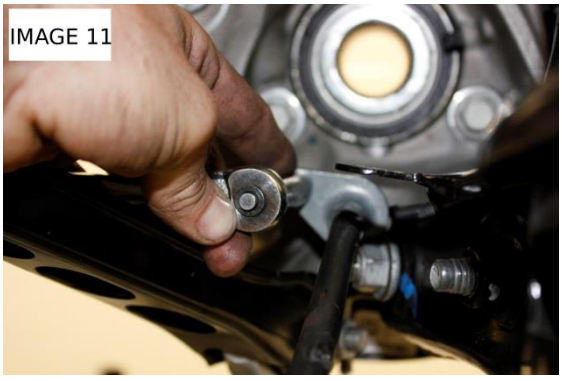
10. Remove spring as seen in **IMAGE 9**. Lower the lower control arm slowly to prevent the spring from flying out.

11. Using the T25 Torx bit, remove the rear brake rotor as shown in **IMAGE 10**.



12. Using the 10mm socket, remove the emergency brake cable from the spindle as shown in **IMAGE 11**.



13. Using the 18mm socket and wrench, remove the lower trailing arm as shown in **IMAGE 12**.

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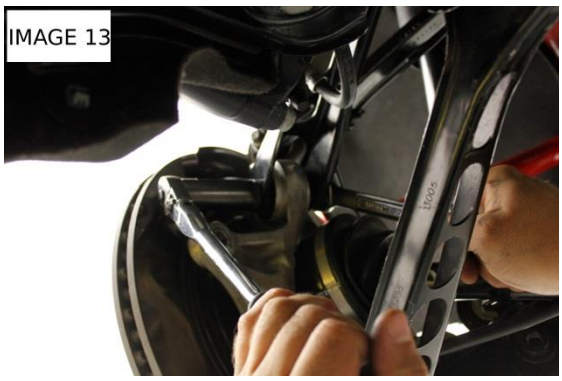
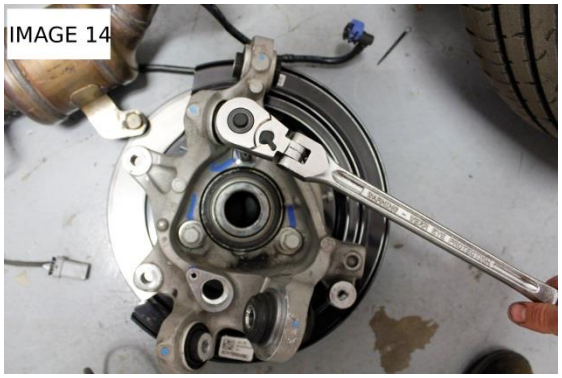
14. Remove both upper arms with the 18mm socket and wrench as shown in **IMAGE 13**.
15. Remove spindle from vehicle
16. Using the 15mm socket, unbolt the hub from spindle and remove it and the dust shield. **IMAGE 14**
17. Press out stock rubber bushing. **IMAGE 15**
18. Using the plastic-tip hammer, drive in the bearing from the outside to the inside as shown in **IMAGE 16**. Do not install backwards.
19. Re-install hub to spindle and tighten bolts to 45ft/lb.
20. Duplicate steps 1-15 in reverse. Make sure included spacers are installed on bearing. Spring will need to be compressed with jack or stand support.





BK069 – REAR UPPER CONTROL ARM BEARING

General Motors Rear Suspension T.A.Y Fastener Part Number Guide			
Name	**Bolt**	**Washer**	**Nut**
Forward Rear Cradle Bolt (aka Rear Suspension Bracket Bolt)	11547921	NA	NA
Adjust Link Inner (Toe Rod)	11611276	11611277	11516078
Adjust Link Outer (Toe Rod)	11609598	11611265	NA
Lower Control Arm Inner	11609598	11611695	11516382
Lower Control Arm Outer	11611841	NA	11611709
Rear Suspension Bracket Front Bolt + Stud	11570985	NA	NA
Shock Absorber Bolts	11609598	NA	NA
Stabilizer Shaft Insulator Clamp Bolts	11588723	NA	NA
Trailing Arm Upper Control Arm Outer	11610908	NA	11516078
Trailing Arm Upper Control Arm Inner	11610908	NA	11516078
Trailing Arm Lower Control Arm Outer	11610908	NA	11516078
Trailing Arm Lower Control Arm Inner	11610908	NA	11516078
Upper Control Arm Inner	11610909	NA	11516078
Upper Control Arm Outer	11610908	NA	11516078
***Part Numbers above should be ordered in pairs, one for the driver side and one for the passenger side**			

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Fastener Specifications

Application	Specification	
	Metric	English
Adjust Link Inner Nut **(Requires a NEW bolt.)**		
First Pass	70 N•m	52 lb ft
Final Pass	105 Degrees	
Adjust Link Outer Bolt **(Requires a NEW bolt.)**		
First Pass	100 N•m	74 lb ft
Final Pass	105 Degrees	
Lower Control Arm Inner Nut **(Requires a NEW bolt.)**		
First Pass	115 N•m	85 lb ft
Final Pass	105 Degrees	
Lower Control Arm Outer Nut **(Requires a NEW bolt.)**		
First Pass	150 N•m	110 lb ft
Final Pass	105 Degrees	
Rear Suspension Bracket Front Bolts **(Requires a NEW bolt.)**	58 N•m	43 lb ft
Rear Suspension Bracket Bolts **(Requires a NEW bolt.)**		
First Pass	100 N•m	74 lb ft
Final Pass	90 degrees	
Rear Suspension Bracket Nuts	58 N•m	43 lb ft
Rear Wheel Bearing and Hub Bolt	130 N•m	96 lb ft
Shock Absorber Bolt **(Requires a NEW bolt.)**		
First Pass	100 N•m	74 lb ft
Final Pass	105 degrees	
Shock Absorber Upper Nuts	43 N•m	32 lb ft
Stabilizer Shaft Insulator Clamp Bolts **(Requires a NEW bolt.)**	58 N•m	43 lb ft
Stabilizer Shaft Link Bolt	58 N•m	43 lb ft
Stabilizer Shaft Link Nut	43 N•m	32 lb ft
Trailing Arm Lower Control Arm Inner Nut		
First Pass	70 N•m	52 lb ft
Final Pass	105 degrees	
Trailing Arm Lower Control Arm Outer Nut **(Requires a NEW bolt.)**		
First Pass	100 N•m	74 lb ft
Final Pass	105 degrees	
Trailing Arm Upper Control Arm Inner Nut **(Requires a NEW bolt.)**		
First Pass	70 N•m	52 lb ft
Final Pass	105 degrees	
Trailing Arm Upper Control Arm Outer Nut **(Requires a NEW bolt.)**		
First Pass	100 N•m	74 lb ft
Final Pass	105 degrees	
Upper Control Arm Inner Nut **(Requires a NEW bolt.)**		
First Pass	70 N•m	52 lb ft
Final Pass	105 degrees	
Upper Control Arm Outer Nut **(Requires a NEW bolt.)**		
First Pass	70 N•m	52 lb ft
Final Pass	105 degrees	

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This product is an aftermarket accessory and not designed by the vehicle's manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product