



Truck and Jeep Accessories

KG09140

2007 - 2018 GM 1500 Front Leveling Kit



Bill of Materials		
Part Number	Description	Quantity
M09140	Front Strut Spacer	2
BU09140	Hardware	1
-	Bolt, M10 x 1.5 x 90mm	4
-	Nut, M10 x 1.5	4
-	Washer, M10	8

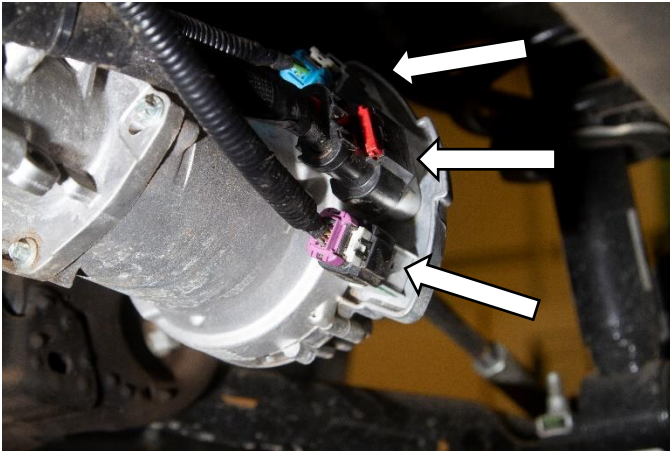
Required Tools
Floor Jack
Jack Stands
Wheel Chocks
Metric Tool set
Separator

Vehicle Fitment			
Year	Make	Model	Drivetrain
07-18	Chevrolet	Silverado 1500	All
07-17	Chevrolet	Tahoe	All
07-17	Chevrolet	Suburban	All
07-13	Chevrolet	Avalanche	All
07-18	GMC	Sierra 1500	All
07-17	GMC	Yukon	All
07-17	GMC	Yukon XL	All

Will Not Fit
2014-2017 Denali Models
2007 Classic Models
Magnetic Ride Equipped Vehicles

Pre-Install Procedure

1. Inspect all components in the kit
2. Chock rear wheels, lift front of vehicle, and support Frame.
3. On vehicles equipped with electric power steering, remove the 6 bolts holding the factory skid plate and unplug the 3 connectors attached to the electric power steering.

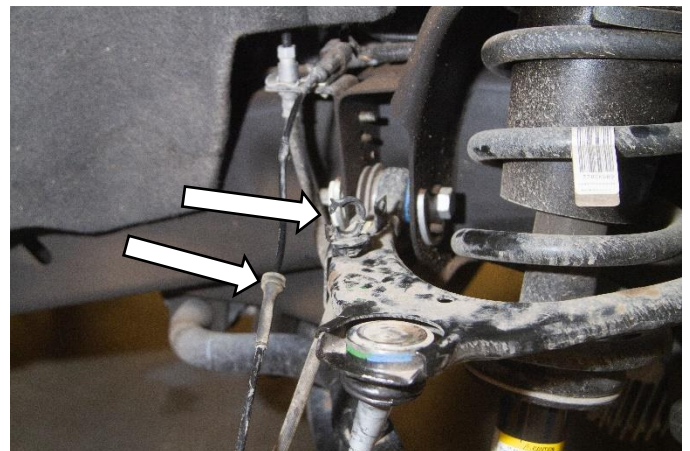
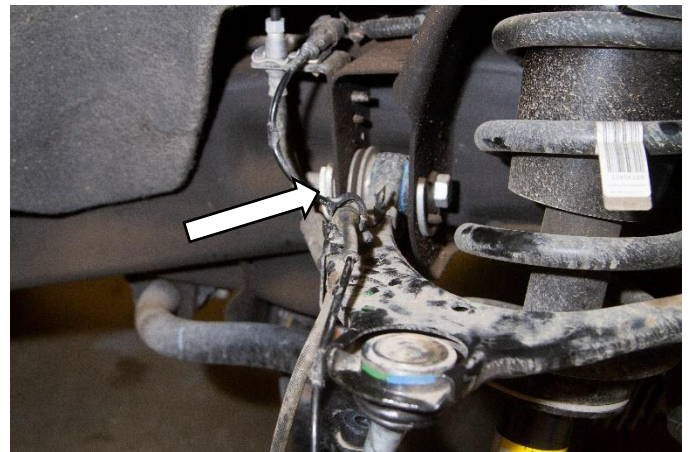
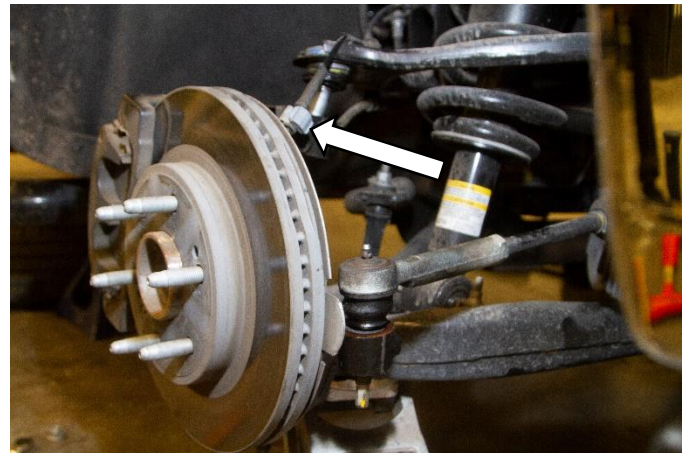


Installation

4. Remove front driver side wheel
5. Loosen the upper strut nuts, but it is not required for the nuts to be removed.



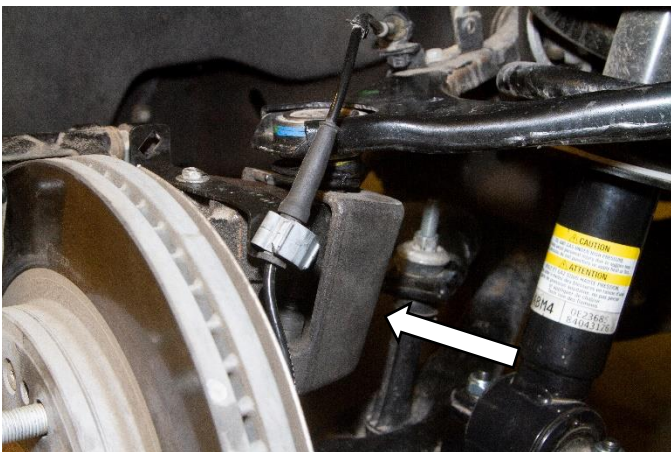
6. Remove Speed Sensor wire from mounting clips.



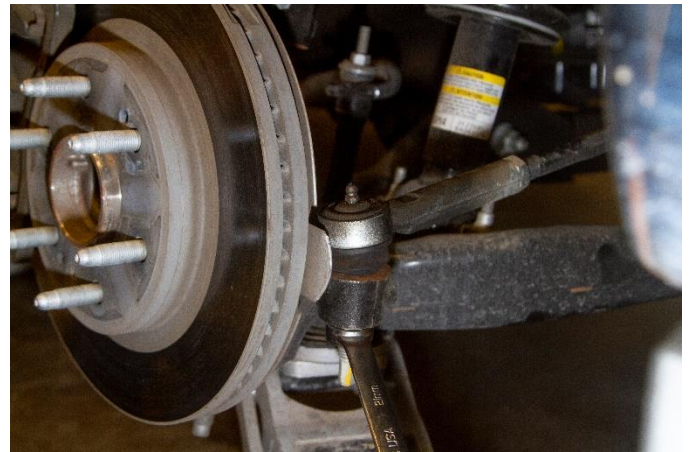
7. Remove the sway bar nut and bushings.
 - a. Use a socket on the bottom of the sway bar end link under the control arm to hold the end link from spinning.



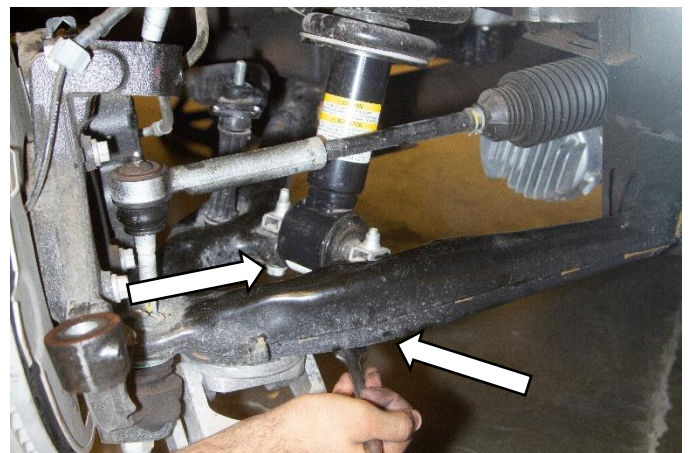
8. Remove the upper ball joint nut and separate the ball joint from the knuckle using a proper separator.
 - a. Caution: On vehicles equipped with 4WD, do not allow the CV axle to separate from the front differential.



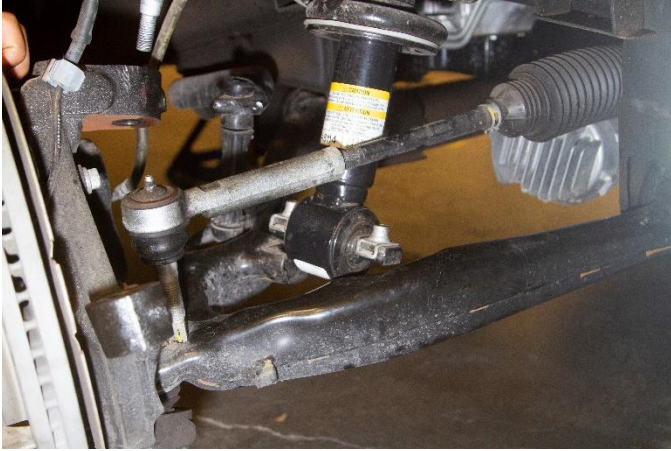
9. Remove the steering link nut and separate steering link from Knuckle using a proper separator tool.



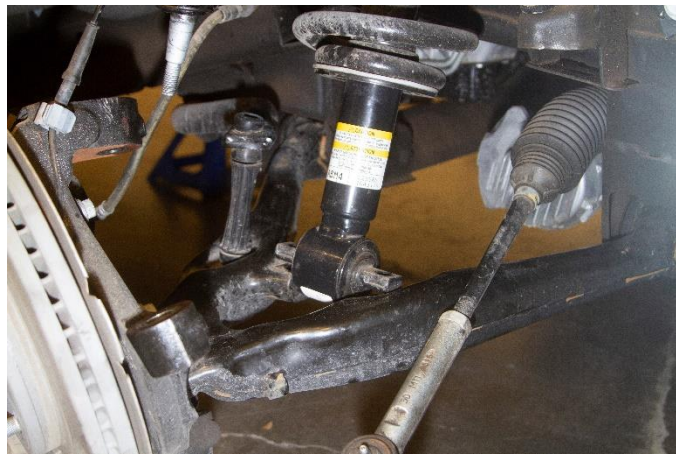
10. Remove the lower strut mount bolts to separate the strut from the lower control arm.



11. Remove the lower strut mount bolt clips.



13. Using provided hardware, fasten the lower strut mount and Daystar spacer to the lower control arm.



12. Install Daystar strut spacer under lower strut mount, between the lower strut mount and the lower control arm.



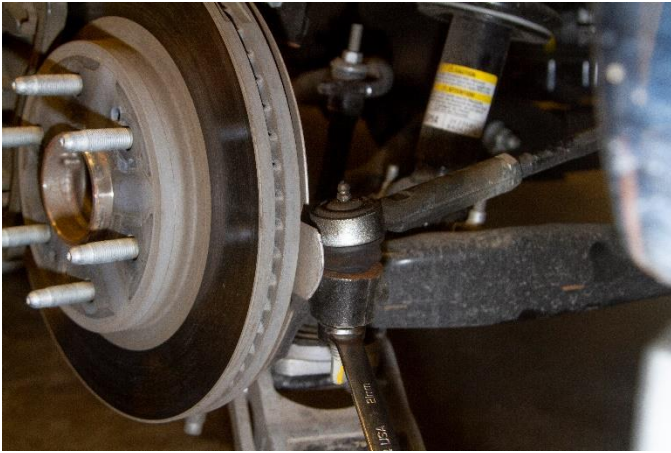
14. Tighten upper strut nuts to factory specifications.



15. Reinstall the upper ball joint to the knuckle using the factory nut and torque to factory specifications, a. Use an allen wrench on the bottom of the ball joint to hold the ball joint from spinning.



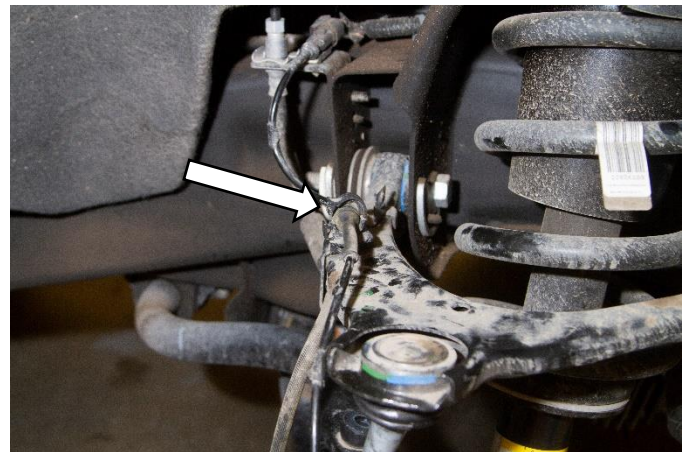
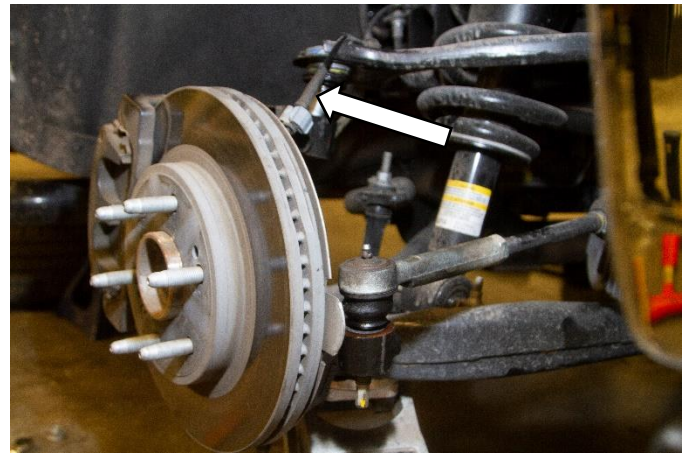
16. Reinstall the steering link to the knuckle using the factory nut and torque to factory specifications
 - a. Use a second wrench on the bottom of the joint to hold the joint from spinning.



17. Reinstall the sway bar nut and bushings and torque to factory specifications.
 - a. Use a socket on the bottom of the sway bar end link under the control arm to hold the end link from spinning



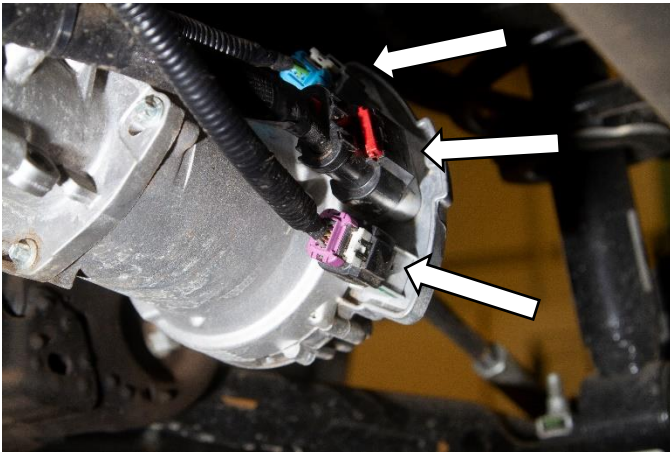
18. Reinstall Speed Sensor wire onto mounting clips.



19. Reinstall front driver side wheel.
20. Repeat installation process on passenger side.

Post Installation

21. On vehicles equipped with electric power steering, plug in the 3 connectors attached to the electric power steering, and reinstall the factory skid plate using the 6 factory bolts.



22. Apply kit label (warning) onto dashboard in plain sight of all vehicle occupants.
23. Adjust headlights.
24. Check all fasteners to ensure they are tightened to proper specifications.
25. Ensure all wires, hoses, cables, etc. are properly connected and there is ample slack.
26. Check steering and suspension in all positions to ensure that there is no bind and adequate clearance between all moving, fixed and heated members.
27. Check operation of the brake system, parking brake, and clutch (if applicable).
28. Check operation of transmission and transfer case (if applicable).
29. Ensure there is full engagement in all gears and 4WD ranges (if applicable).
30. Have a professional wheel alignment performed after installing the kit.
31. Test drive vehicle.
32. Retorque all Nuts and Bolts after 500 miles.