

2018 ACCESSORIES & EQUIPMENT**Frame And Underbody - Traverse****SPECIFICATIONS****FASTENER SPECIFICATIONS****Single Use Threaded Fastener/Component Tightening Specifications**

NOTE: <i>All fasteners/components listed in this table MUST BE DISCARDED and replaced with NEW after removal.</i>	
Application	Specification
	Metric (English)
Drivetrain and Front Suspension Cradle Front Bolt	
• First Pass:	160 N.m (118 lb ft)
• Final Pass:	60 - 75 Degrees
Drivetrain and Front Suspension Cradle Rear Bolt	
• First Pass:	160 N.m (118 lb ft)
• Final Pass:	60 - 75 Degrees
Front Cradle Brace Bolt	
• First Pass:	58 N.m (43 lb ft)
• Final Pass:	25 - 40 Degrees
Rear Suspension Cradle Bolt	
• First Pass:	160 N.m (118 lb ft)
• Final Pass:	60 - 75 Degrees

Reusable Threaded Fastener Tightening Specifications

NOTE: <i>All fasteners listed in this table can be reused after removal.</i>	
Application	Specification
	Metric (English)
Front Compartment Air Deflector Fastener	2.5 N.m (22 lb in)
Front Compartment Splash Shield Bolt	2.5 N.m (22 lb in)
Front Cradle Mount Bolt Bracket Bolt	58 N.m (43 lb ft)
Front Tire Front Air Deflector Fastener	2.5 N.m (22 lb in)
Front Wheelhouse Liner Bolt	2.5 N.m (22 lb in)

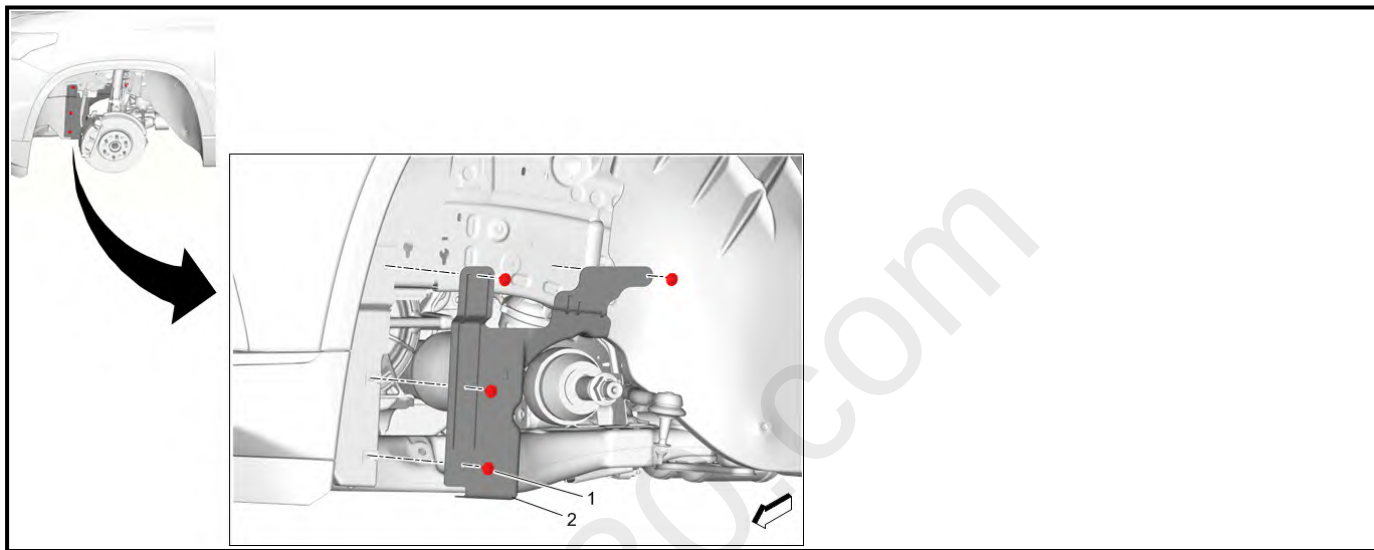
NOTE:

All fasteners listed in this table can be reused after removal.

Application	Specification
	Metric (English)
Rear Cradle Mount Bolt Bracket Bolt	58 N.m (43 lb ft)
Rear Tire Front Air Deflector Fastener	2.5 N.m (22 lb in)
Rear Wheelhouse Liner Bolt	2.5 N.m (22 lb in)
Trailer Hitch Support Bracket Nut - Rear	58 N.m (43 lb ft)
Trailer Hitch Support Bracket Bolt - Underside	100 N.m (74 lb ft)

REPAIR INSTRUCTIONS

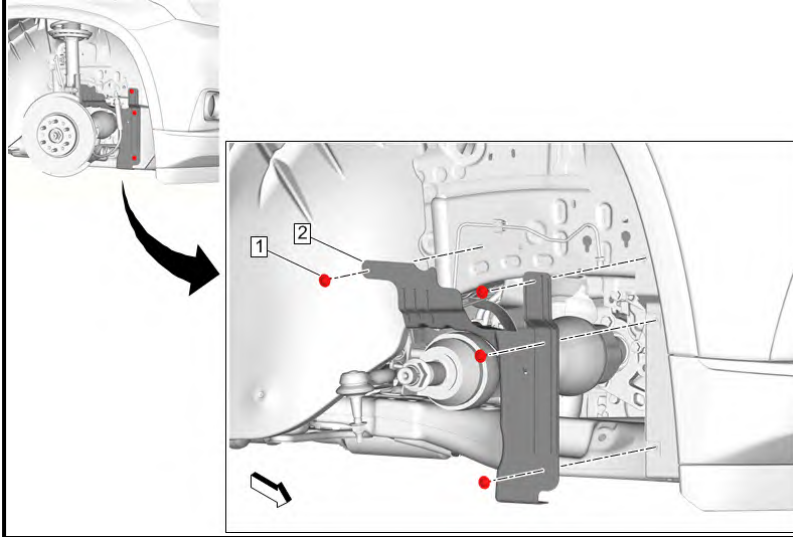
FRONT COMPARTMENT SPLASH SHIELD REPLACEMENT - LEFT SIDE



Callout	Component Name
Preliminary Procedure Remove the tire and wheel assembly. Tire and Wheel Removal and Installation	
1	Front Compartment Splash Shield Bolt [4x] CAUTION: Refer to Fastener Caution . Tighten 2.5 N.m (22 lb in)
2	Front Compartment Splash Shield - Left Procedure Install the tire and wheel assembly. Tire and Wheel Removal and Installation

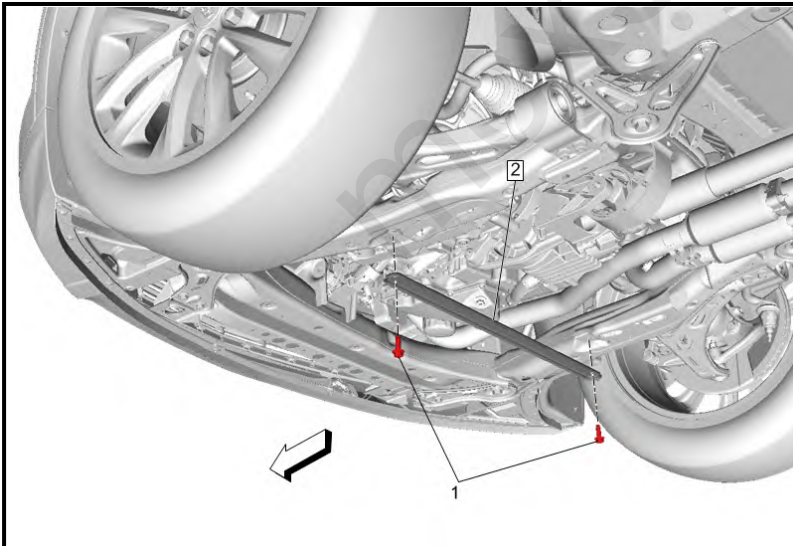
FRONT COMPARTMENT SPLASH SHIELD REPLACEMENT - RIGHT SIDE





Callout	Component Name
Preliminary Procedure Remove the tire and wheel assembly. Tire and Wheel Removal and Installation	
1	Front Compartment Splash Shield Bolt [4x] CAUTION: Refer to Fastener Caution . Tighten 2.5 N.m (22 lb in)
2	Front Compartment Splash Shield - Right Procedure Install the tire and wheel assembly. Tire and Wheel Removal and Installation

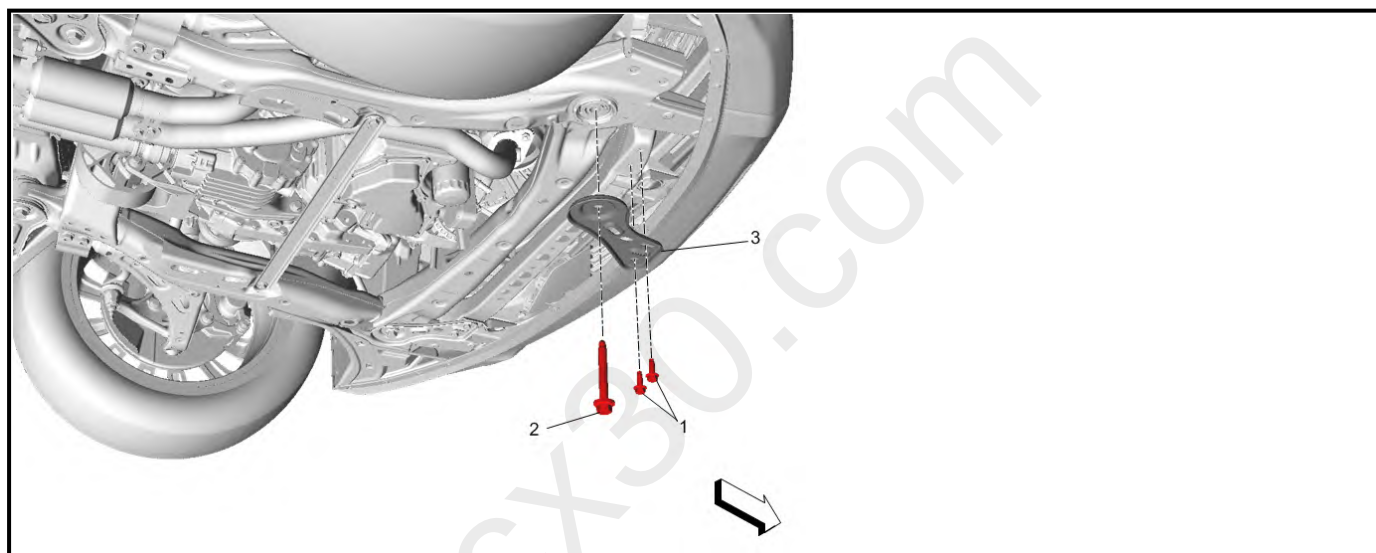
FRONT CRADLE BRACE REPLACEMENT



Callout	Component Name
Preliminary Procedure Raise and support the vehicle. Lifting and Jacking the Vehicle	

Callout	Component Name
1	Front Cradle Brace Bolt [2x] CAUTION: This vehicle is equipped with torque-to-yield or single use fasteners. Install a NEW torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component. NOTE: Remove and DISCARD the bolts. Tighten First Pass: 58 N.m (43 lb ft) Final Pass: 25 - 40 degrees
2	Front Cradle Brace

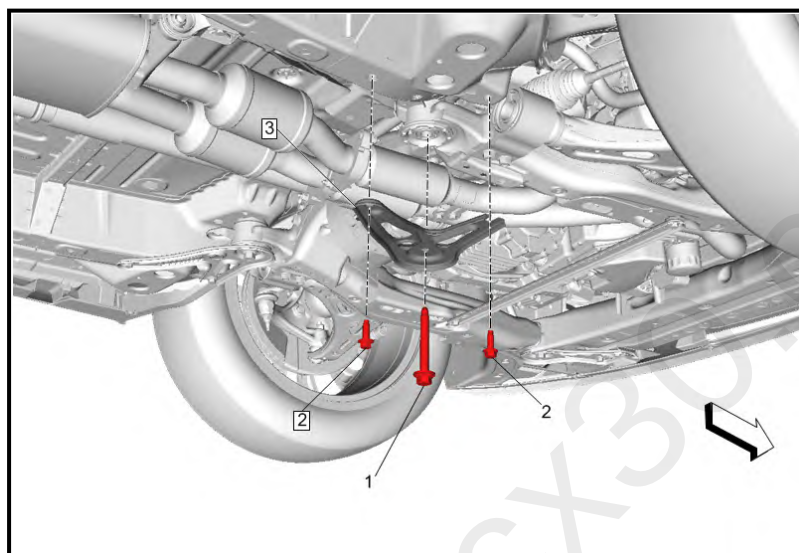
FRONT CRADLE MOUNT BOLT BRACKET REPLACEMENT (FRONT)



Callout	Component Name
Preliminary Procedures 1. Raise and support the vehicle. Lifting and Jacking the Vehicle 2. Support the front cradle with a suitable jack.	
1	Front Cradle Mount Bolt Bracket Bolt [2x] CAUTION: Refer to Fastener Caution Tighten 58 N.m (43 lb ft)

Callout	Component Name
2	Drivetrain and Front Suspension Cradle Front Bolt CAUTION: This vehicle is equipped with torque-to-yield or single use fasteners. Install a NEW torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component. NOTE: Replace with a NEW bolt. Tighten First Pass: 160 N.m 118 lb ft) Final Pass: (60 - 75 degrees)
3	Front Cradle Mount Bolt Bracket

FRONT CRADLE MOUNT BOLT BRACKET REPLACEMENT (REAR)



Callout	Component Name
Preliminary Procedures 1. Raise and support the vehicle. Lifting and Jacking the Vehicle 2. Support the front cradle with a suitable jack.	
1	Drivetrain and Front Suspension Cradle Rear Bolt CAUTION: This vehicle is equipped with torque-to-yield or single use fasteners. Install a NEW torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component. NOTE: Replace with a NEW bolt. Tighten First Pass: 160 N.m 118 lb ft) Final Pass: (60 - 75 degrees)

Callout	Component Name
2	Front Cradle Mount Bolt Bracket Bolt [2x] CAUTION: Refer to Fastener Caution Tighten 58 N.m (43 lb ft)
3	Front Cradle Mount Bolt Bracket

DRIVETRAIN AND FRONT SUSPENSION CRADLE REPLACEMENT (ALL WHEEL DRIVE)

Special Tools

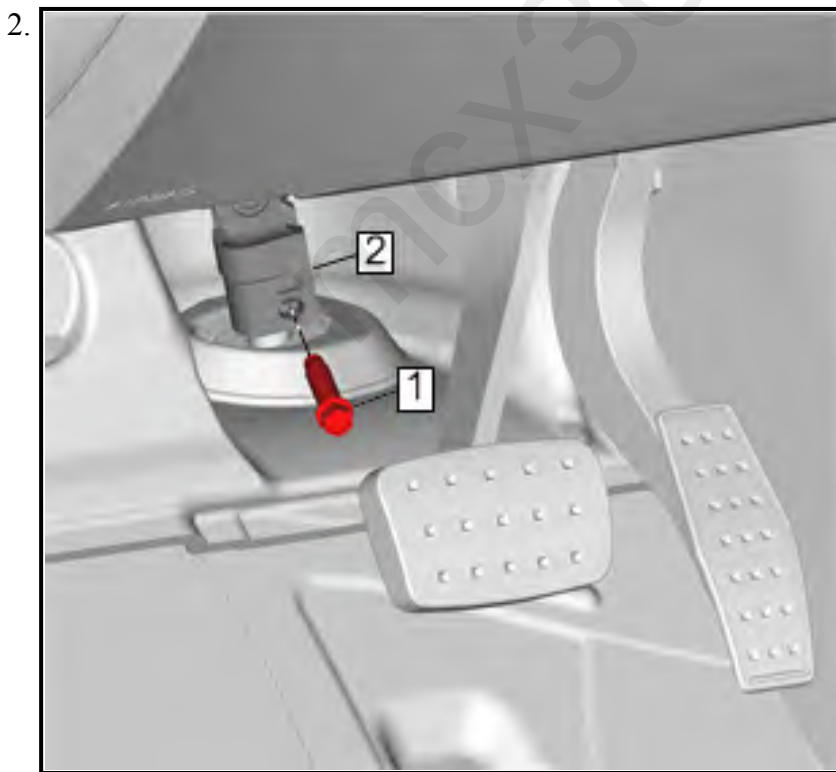
- EN-39580 Support Stand
- EN-28467-B Engine Support Fixture
- CH-51034-A Cradle Alignment Pins

Equivalent regional tools: [Special Tools](#)

Removal Procedure

NOTE: Vehicle alignment is not required if the cradle is being lowered or dropped to perform another procedure. This vehicle is equipped with a cradle to body aligning feature: cradle to body through holes or self-aligning pins that are part of the cradle or body. Only align if replacing the cradle with a NEW part and transferring components.

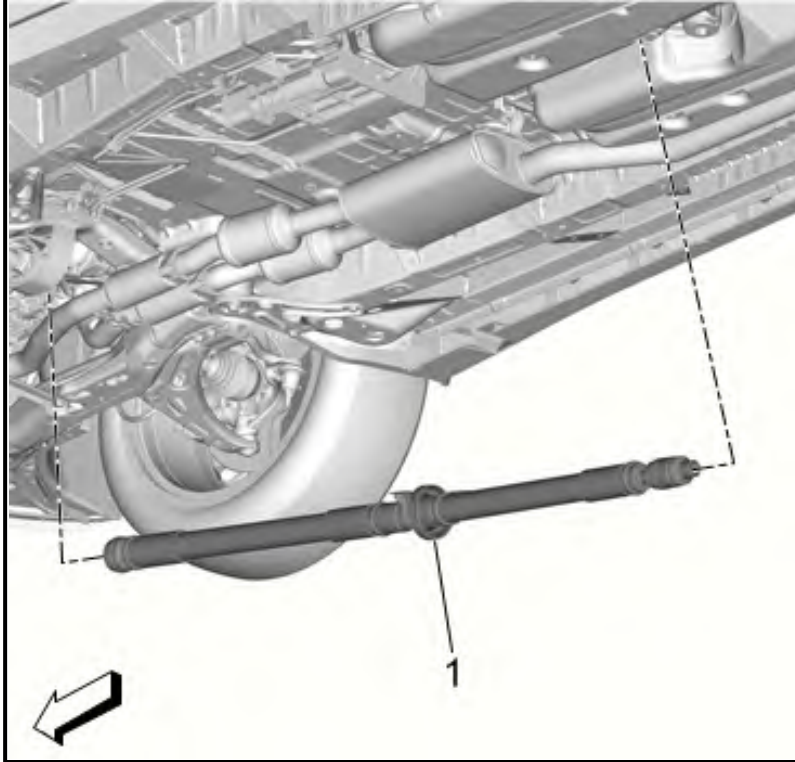
1. Install the engine support fixture. [Engine Support Fixture](#)



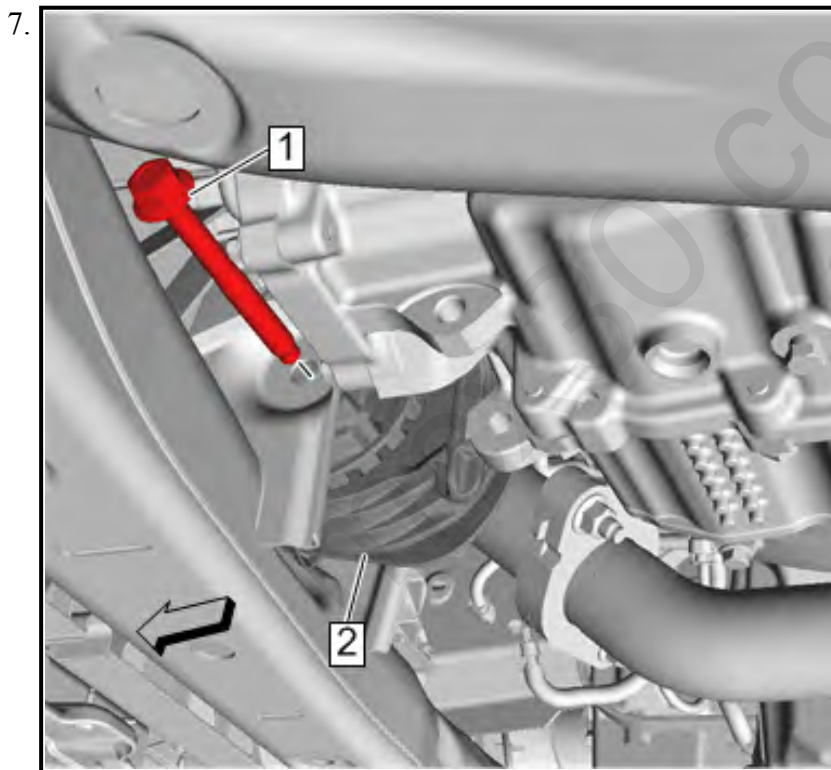
Intermediate Steering Shaft (2) @ Steering Gear - Separate - [Intermediate Steering Shaft Replacement](#)

3. Raise and support the vehicle. [Lifting and Jacking the Vehicle](#)
4. Remove the front wheels. [Tire and Wheel Removal and Installation](#)
5. Exhaust Front Pipe - Remove - [Exhaust Front Pipe Replacement \(LFY\)](#)

6.

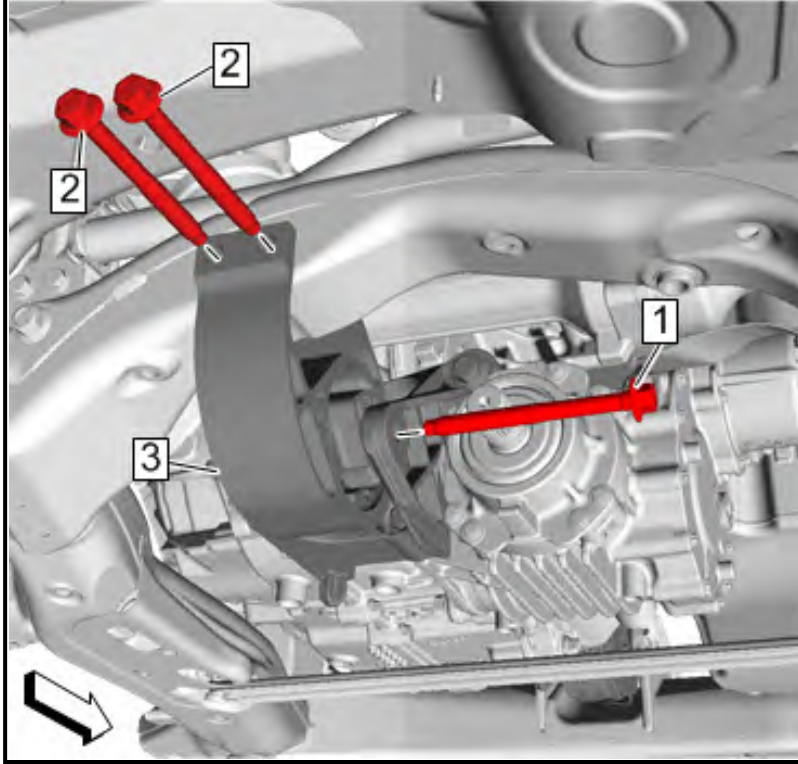


Propeller Shaft (1) - Remove - [Two-Piece Propeller Shaft Replacement](#)

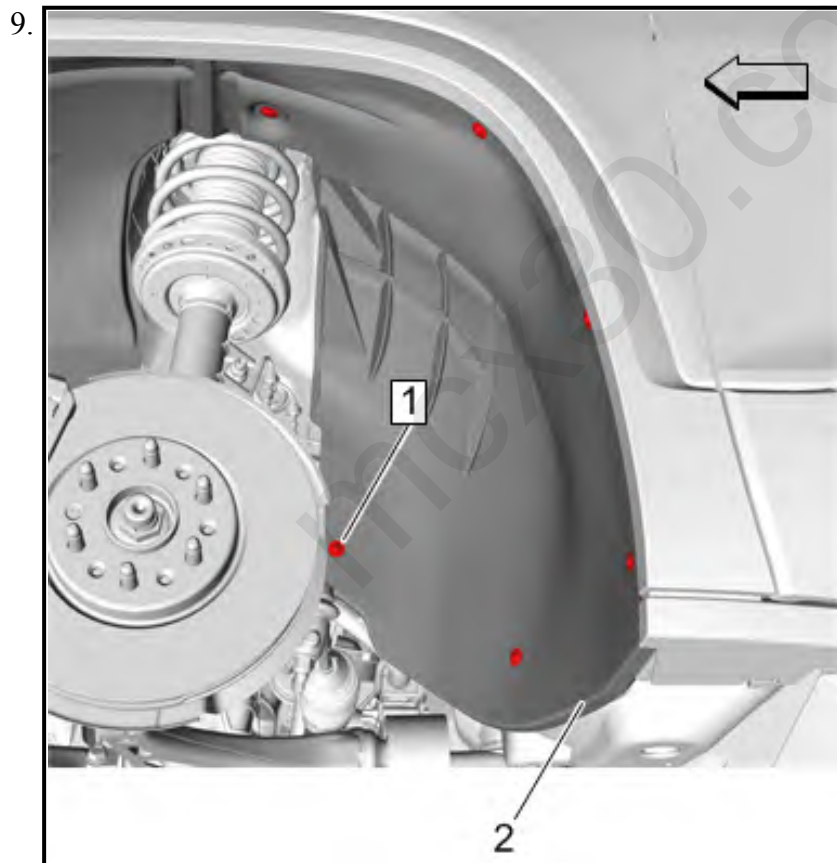


Front Transmission Mount Through Bolt (1) - Remove - [Transmission Front Mount Replacement](#)



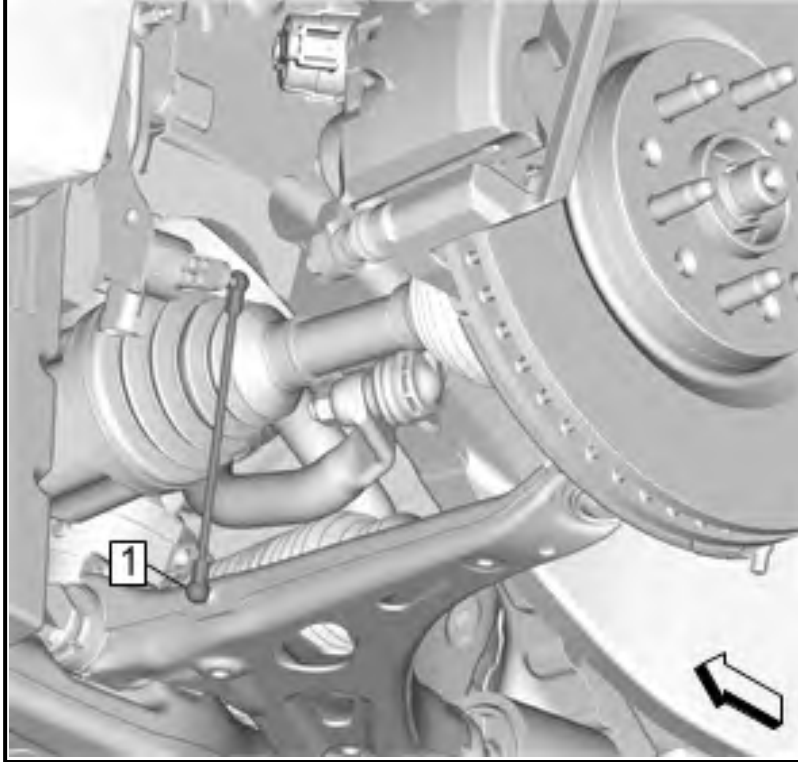


Rear Transmission Mount Through Bolt (1) - Remove - [Transmission Mount Strut Replacement \(All Wheel Drive\)](#).



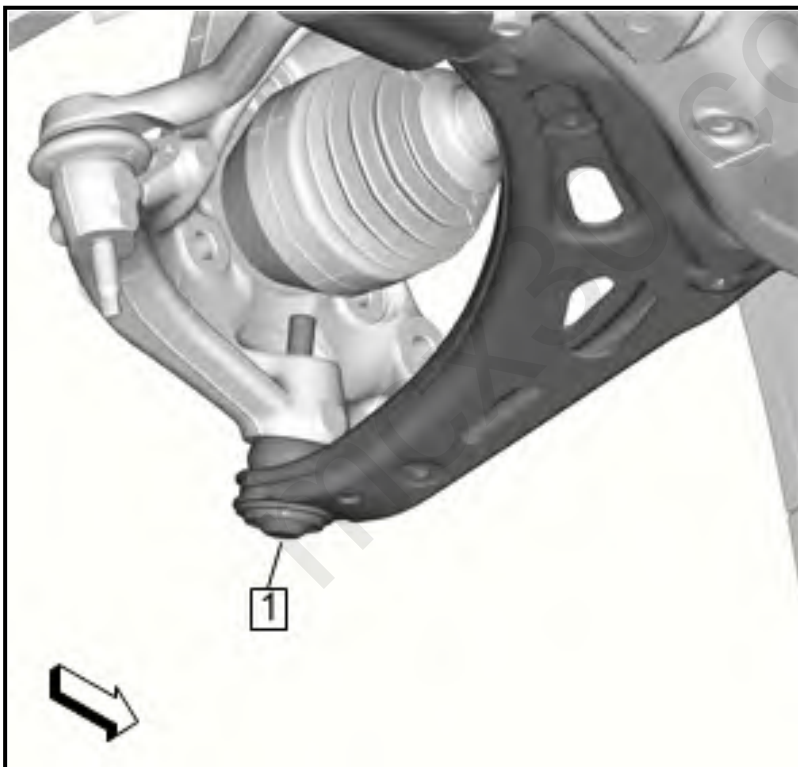
Front Wheelhouse Liner (2) - Remove - [Front Wheelhouse Liner Replacement](#)





{ If equipped } Front Suspension Automatic Forward Lighting Position Sensor (1) @ Front Lower Control Arm - Separate

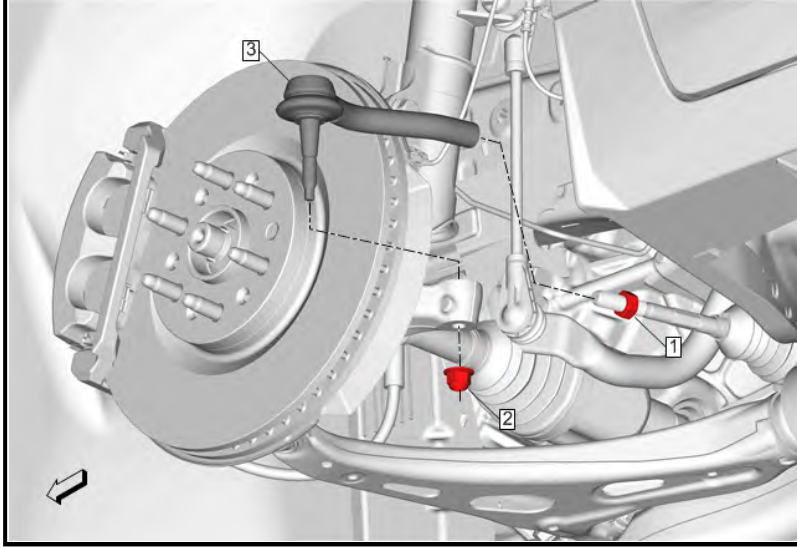
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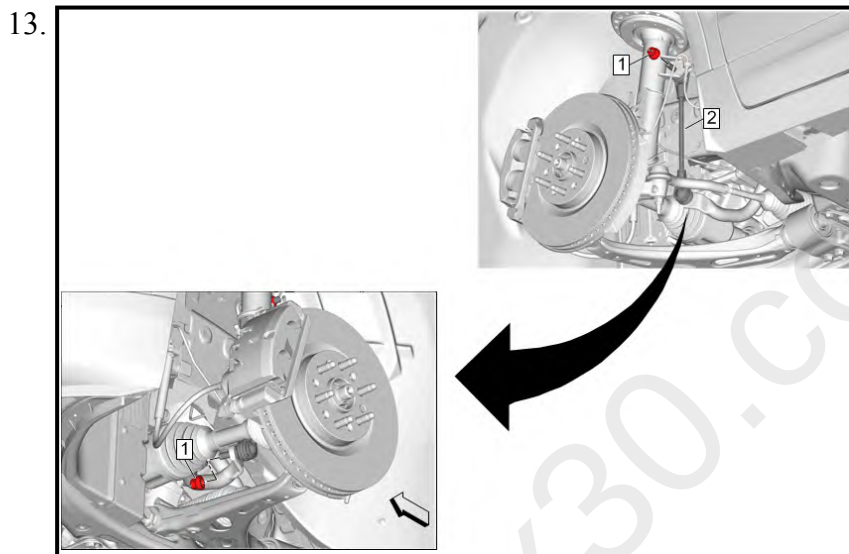
Front Lower Control Arm (1) @ Steering Knuckle - Separate - [Lower Control Arm Replacement](#)

12.

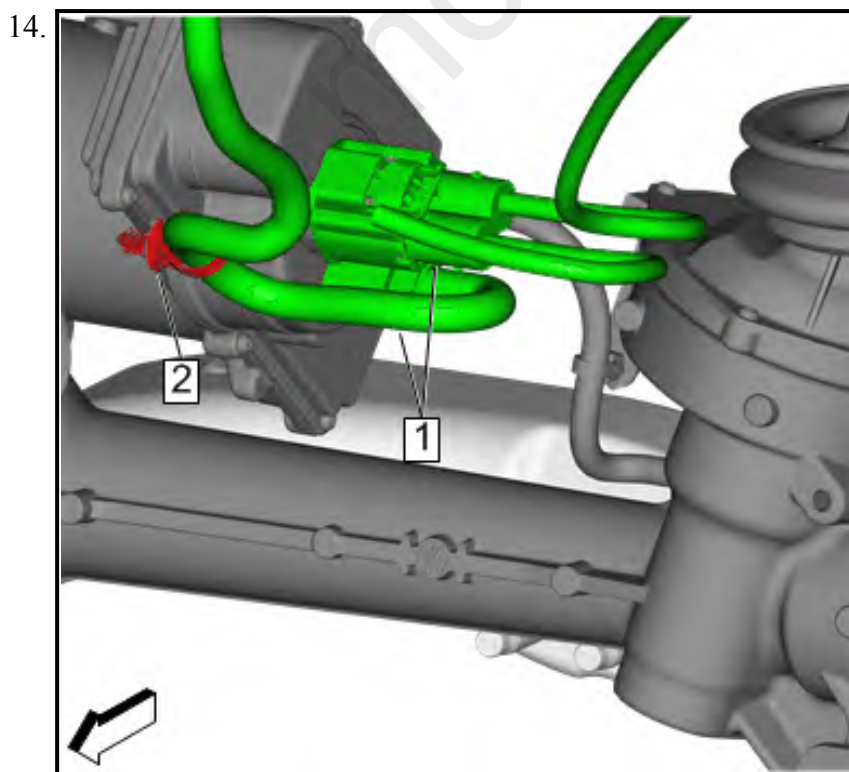




Steering Linkage Outer Tie Rod (3) @ Steering Knuckle - Separate - [Steering Linkage Outer Tie Rod Replacement](#)



Stabilizer Shaft Link (2) @ Stabilizer Shaft - Separate - [Stabilizer Shaft Link Replacement](#)

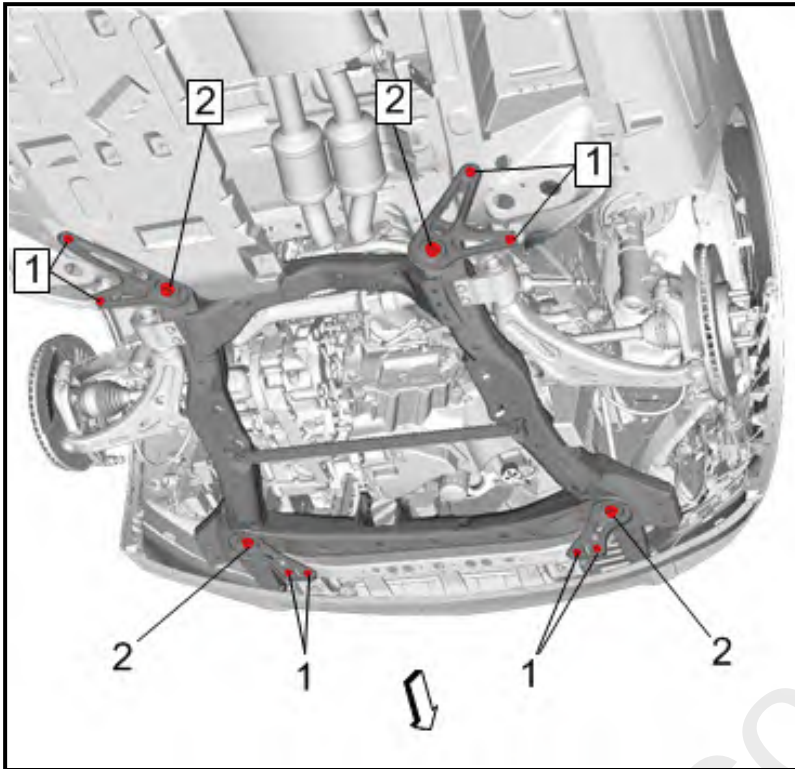


CAUTION: Always disconnect the steering gear electrical connectors before removal of the drivetrain and front suspension cradle. Failure to disconnect the

electrical connectors at the steering gear will result in damage to the steering gear.

Disconnect the electrical connector on the steering gear and disconnect the wiring harness clip from the steering gear housing. (1)

15.



Install **EN-39580** Support Stand under the drivetrain and front suspension cradle.

16. Lower the vehicle until the drivetrain and front suspension frame is resting lightly on the jackstands.

17. Front Cradle Mount Bolt Bracket Bolt (1) - Remove [8x]

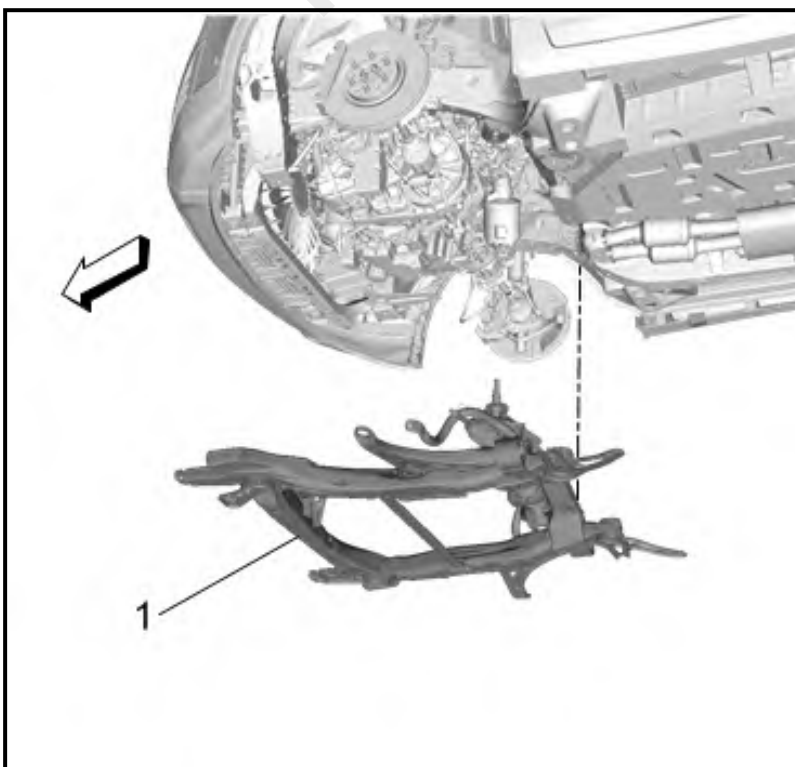
18. Drivetrain and Front Suspension Cradle Bolt (2) - Remove and DISCARD the bolts. [4x]

19. With the aid of an assistant, carefully raise the body from the frame.

20. Ensure when raising the body the following items are clear from the frame:

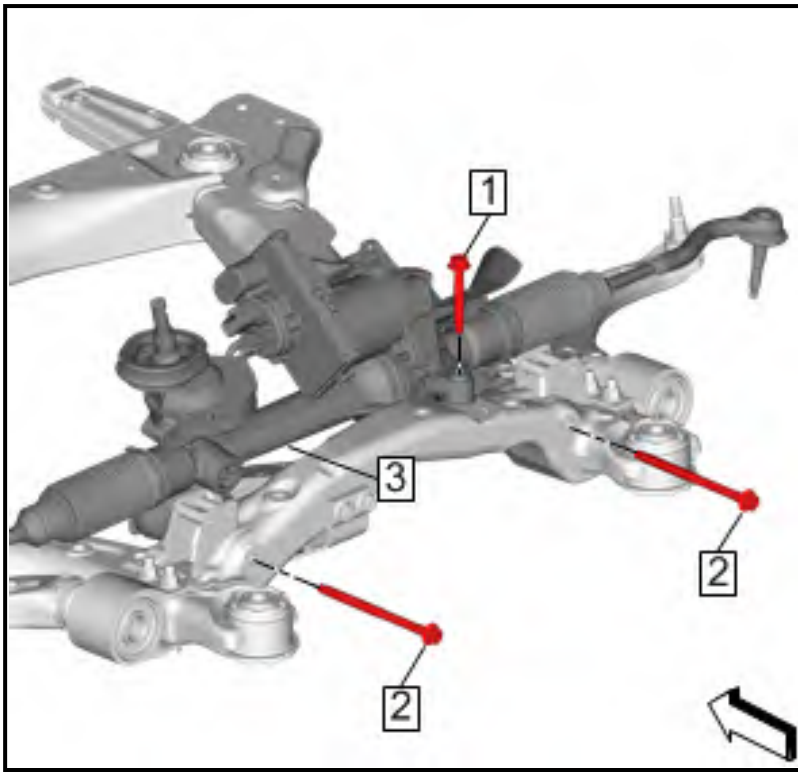
- Vacuum lines
- Steering knuckles
- Electrical wiring harnesses

21.



Remove the drivetrain and front suspension frame. (1)

22.

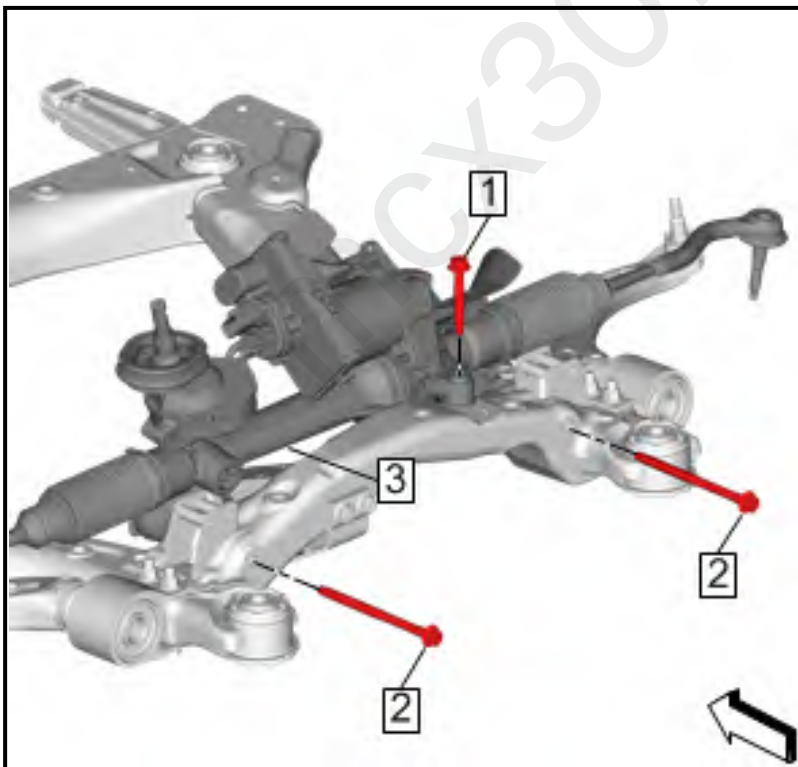


Electric Belt Drive Rack and Pinion Steering Gear (3) - Remove - [Electric Belt Drive Rack and Pinion Steering Gear Replacement](#)

23. Transfer parts as necessary.

Installation Procedure

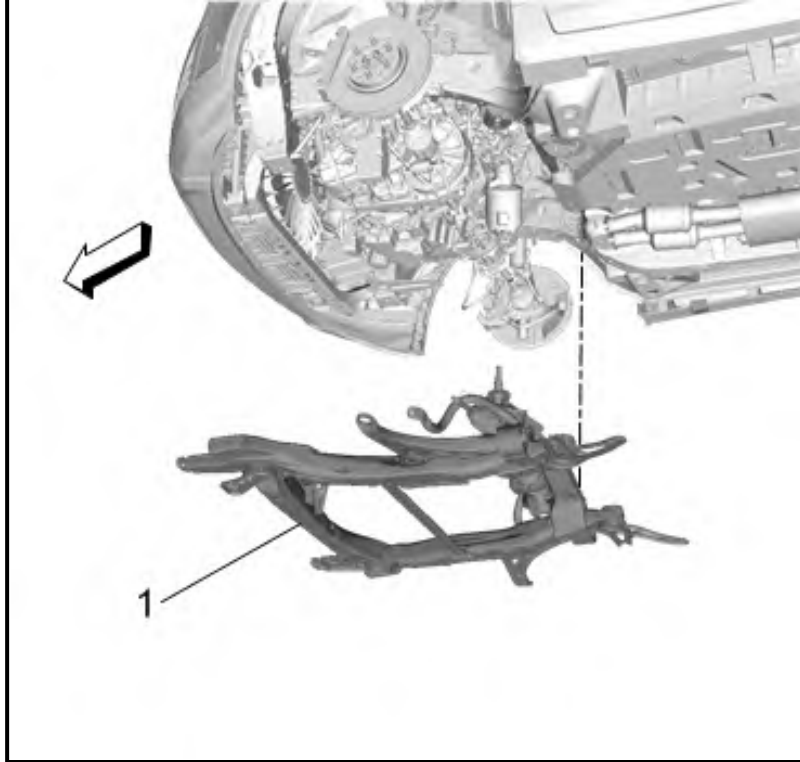
1.



Electric Belt Drive Rack and Pinion Steering Gear (3) - Install - [Electric Belt Drive Rack and Pinion Steering Gear Replacement](#)

2.

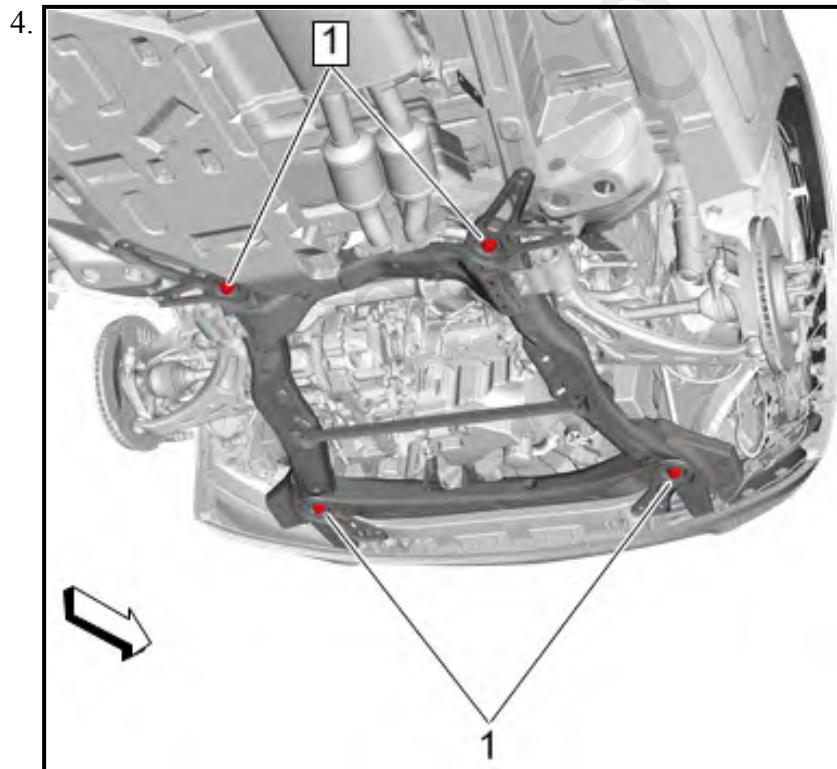




With the aid of an assistant, carefully lower the body to the frame. (1)

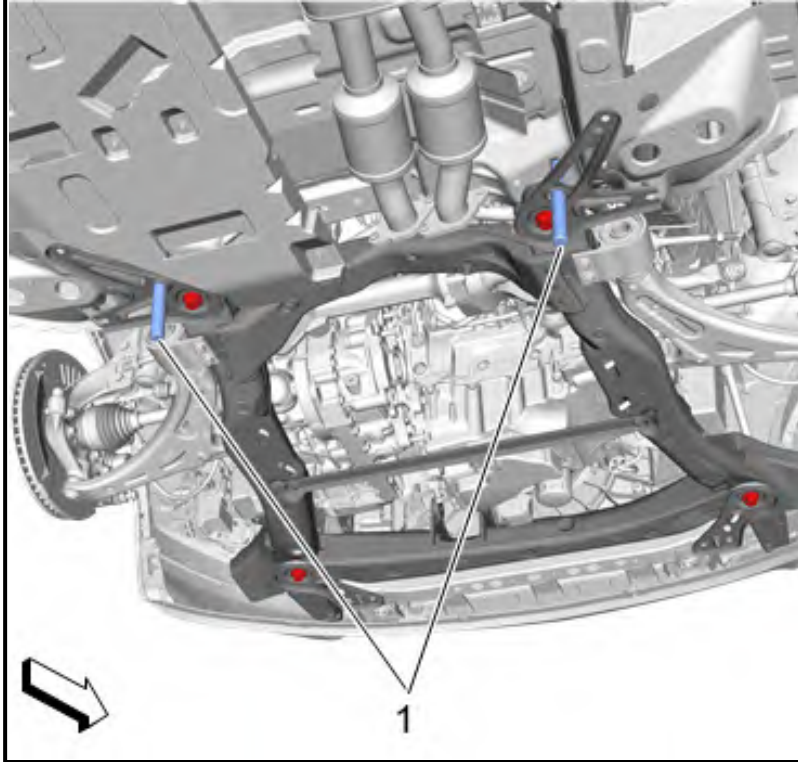
3. Ensure the following components are clear from the frame:

- Vacuum lines
- Steering knuckles
- Electrical wiring harnesses

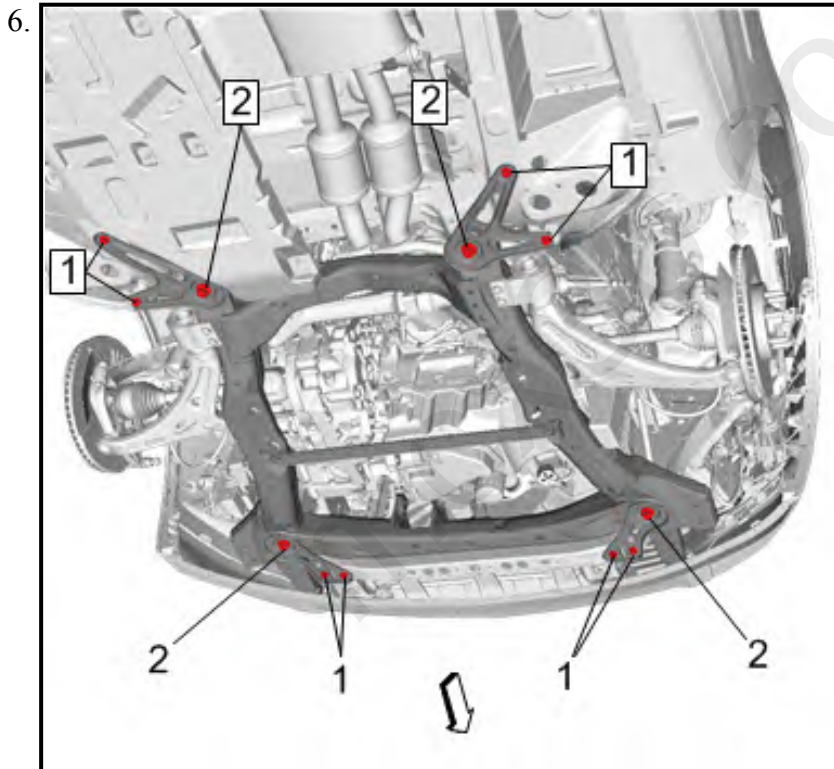


Drivetrain and Front Suspension Cradle Bolt (1) - Hand tighten [4x]





Use the **CH-51034-A** Cradle Alignment Pins (1), to align the cradle to the body.



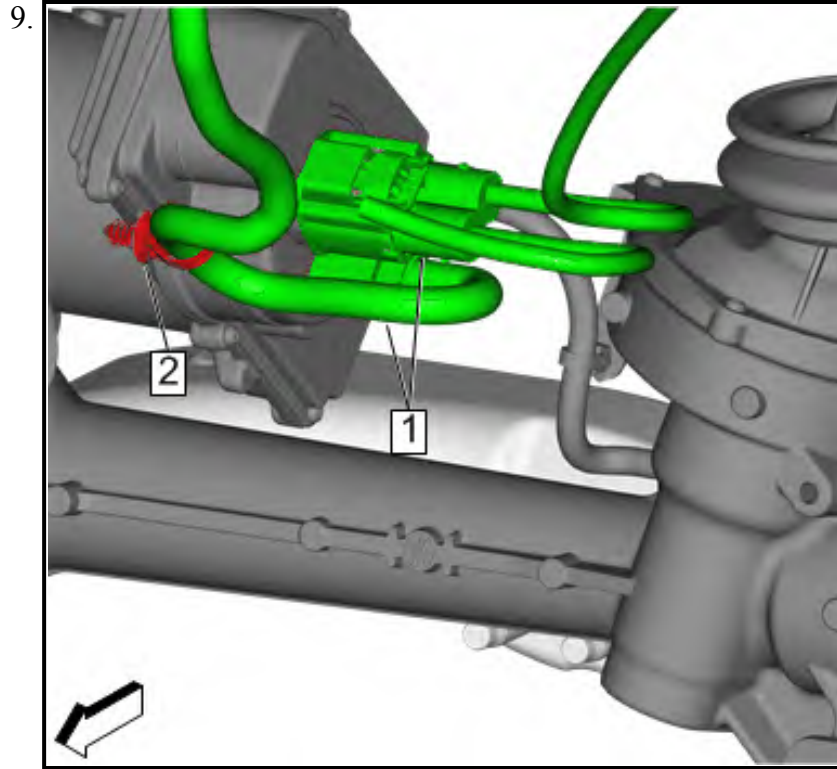
CAUTION: This vehicle is equipped with torque-to-yield or single use fasteners. Install a **NEW** torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component.

Drivetrain and Front Suspension Cradle Bolt (2) - Tighten the NEW bolt [4x]

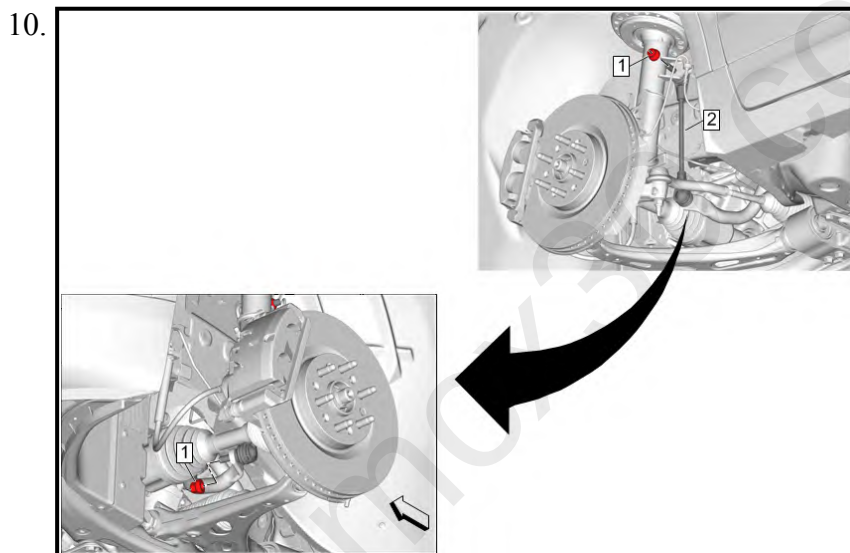
1. First Pass: 160 N.m (118 lb ft)
2. Final Pass: (60 - 75 degrees)

CAUTION: Refer to **Fastener Caution**

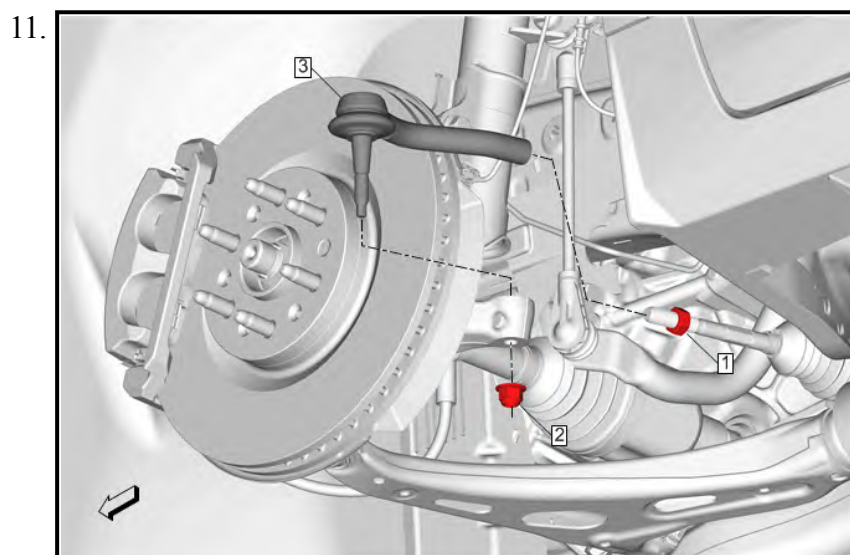
7. Front Cradle Mount Bolt Bracket Bolt (1) - Install and tighten [8x] 58 N.m (43 lb ft)
8. Remove the **EN-39580** Support Stand from under the vehicle.



Connect the electrical connector on the steering gear and connect the wiring harness clip on the steering gear housing. (1)

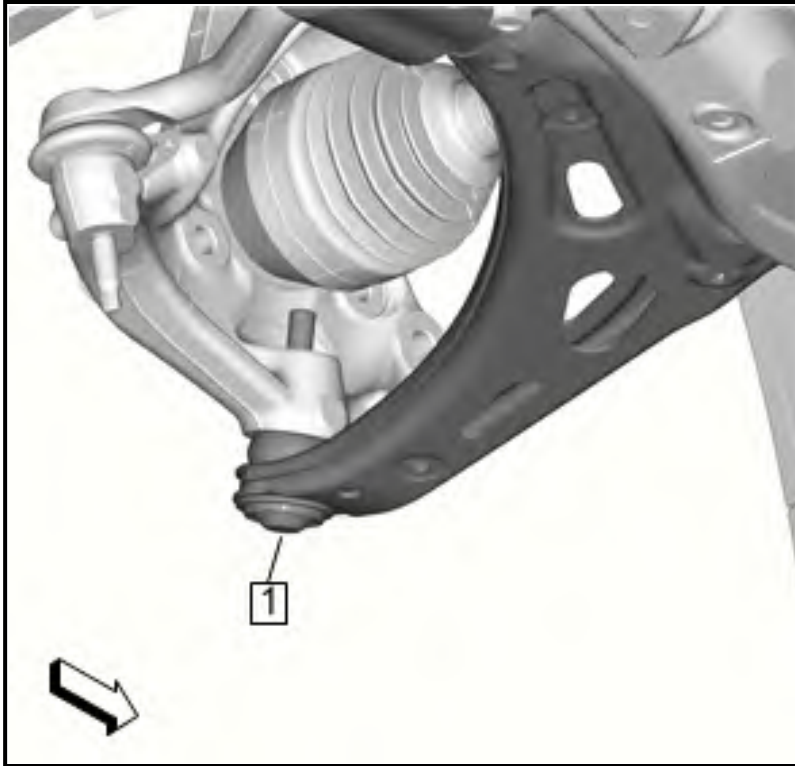


Stabilizer Shaft Link (2) @ Stabilizer Shaft - Install - [Stabilizer Shaft Link Replacement](#)



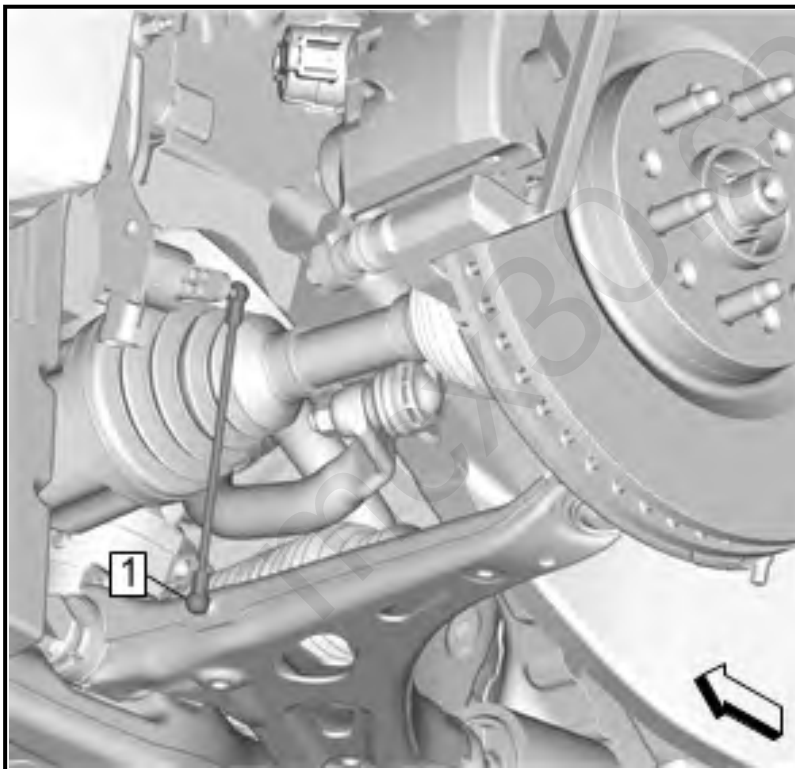
Steering Linkage Outer Tie Rod (3) @ Steering Knuckle - Install - [Steering Linkage Outer Tie Rod Replacement](#)

12.



Front Lower Control Arm (1) @ Steering Knuckle - Install - [Lower Control Arm Replacement](#)

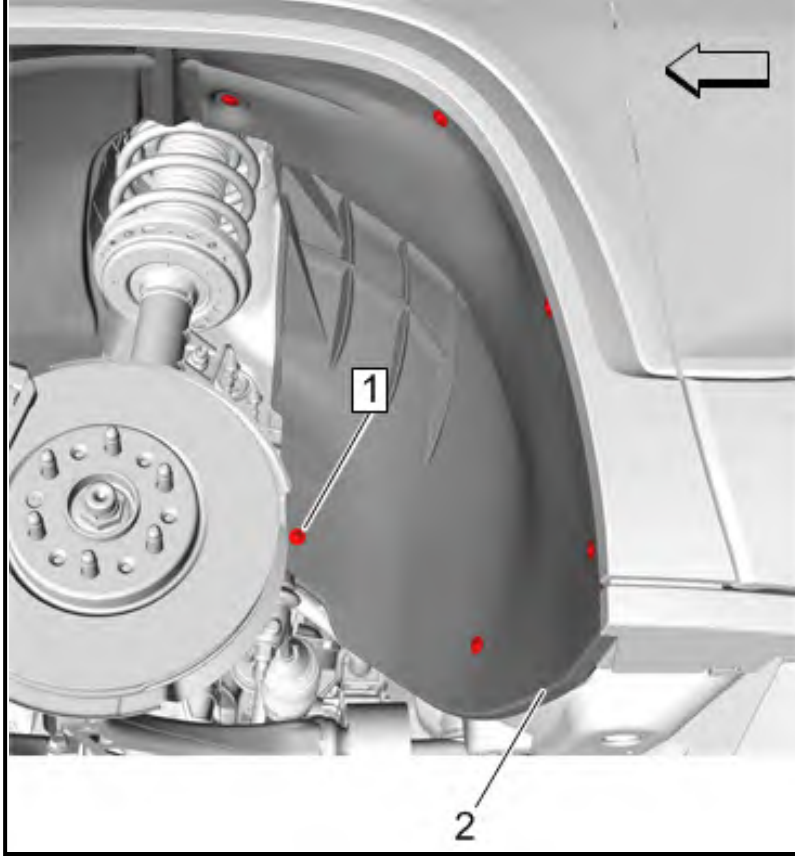
13.



{ If equipped } Front Suspension Automatic Forward Lighting Position Sensor (1) @ Front Lower Control Arm - Connect

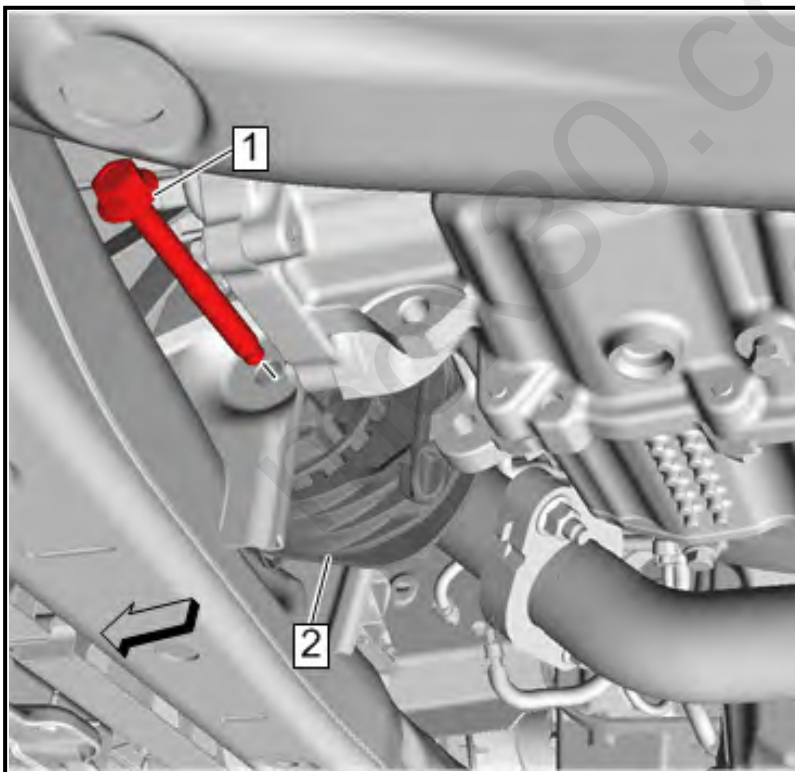
14.





Front Wheelhouse Liner (2) - Install - [Front Wheelhouse Liner Replacement](#)

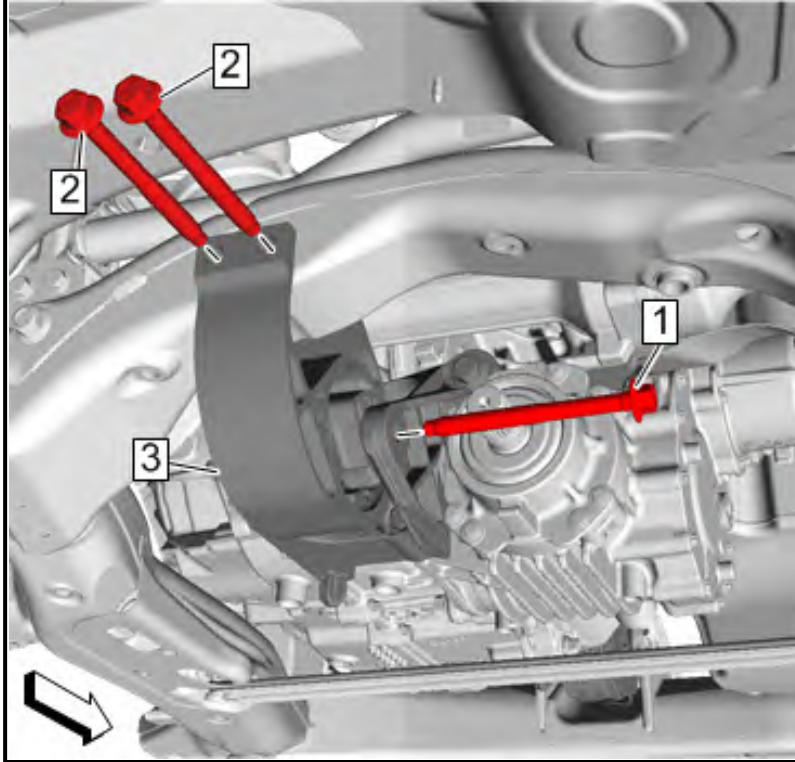
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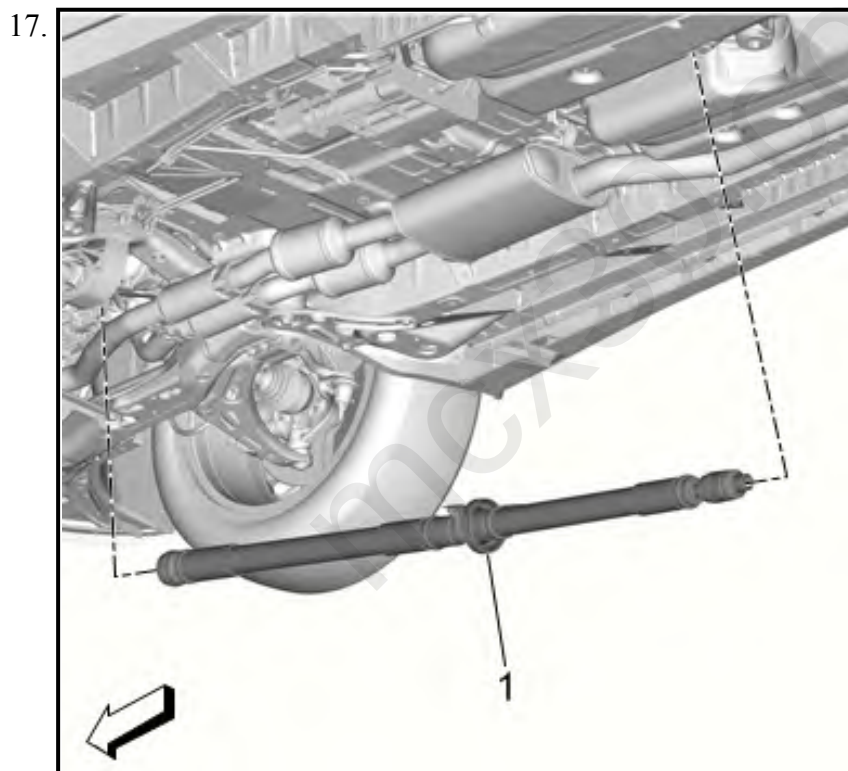
Front Transmission Mount Through Bolt (1) - Install - [Transmission Front Mount Replacement](#)

16.





Rear Transmission Mount Through Bolt (1) - Install - [Transmission Mount Strut Replacement \(All Wheel Drive\)](#).



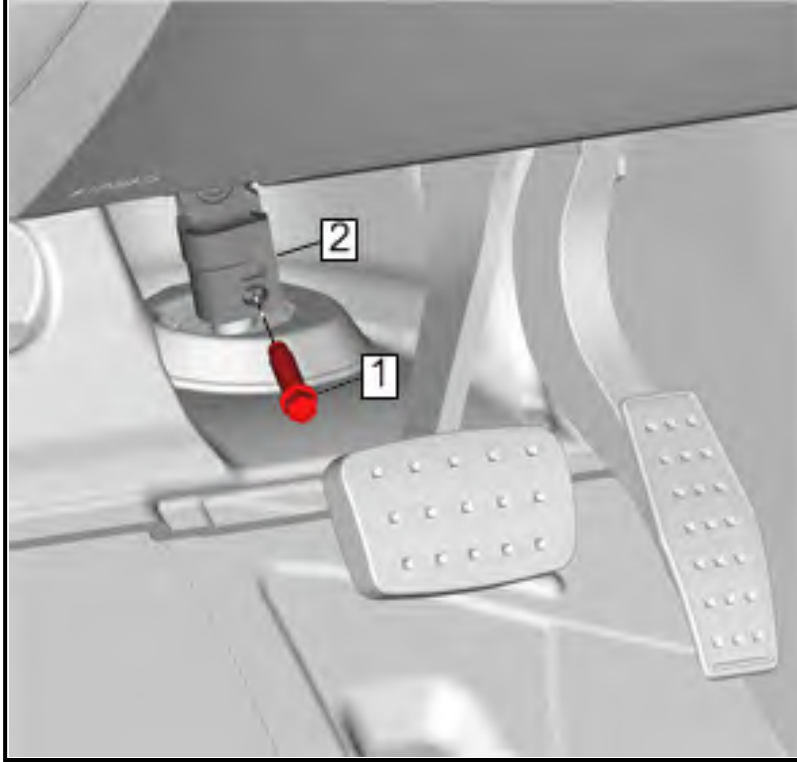
Propeller Shaft (1) - Install - [Two-Piece Propeller Shaft Replacement](#)

18. Exhaust Front Pipe - Install - [Exhaust Front Pipe Replacement \(LFY\)](#).

19. Install the front tires and wheels. [Tire and Wheel Removal and Installation](#)

20. Lower the vehicle.





Intermediate Steering Shaft (2) @ Steering Gear - Install - [Intermediate Steering Shaft Replacement](#)

22. Remove the engine support fixture.

23. Align the vehicle only if replacing the drivetrain and front suspension cradle. [Wheel Alignment Measurement](#)

DRIVETRAIN AND FRONT SUSPENSION CRADLE REPLACEMENT (FRONT WHEEL DRIVE)

Special Tools

EN-39580 Support Stand

Equivalent regional tools: [Special Tools](#)

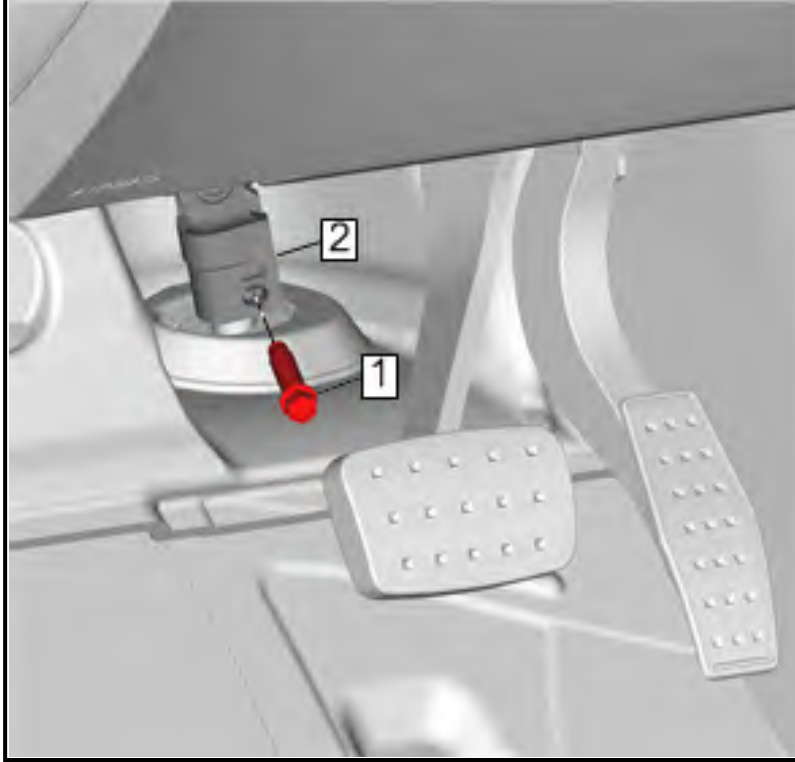
Removal Procedure

NOTE: Vehicle alignment is not required if the cradle is being lowered or dropped to perform another procedure. This vehicle is equipped with a cradle to body aligning feature: cradle to body through holes or self-aligning pins that are part of the cradle or body. Only align if replacing the cradle with a NEW part and transferring components.

1. Install the engine support fixture. [Engine Support Fixture](#)

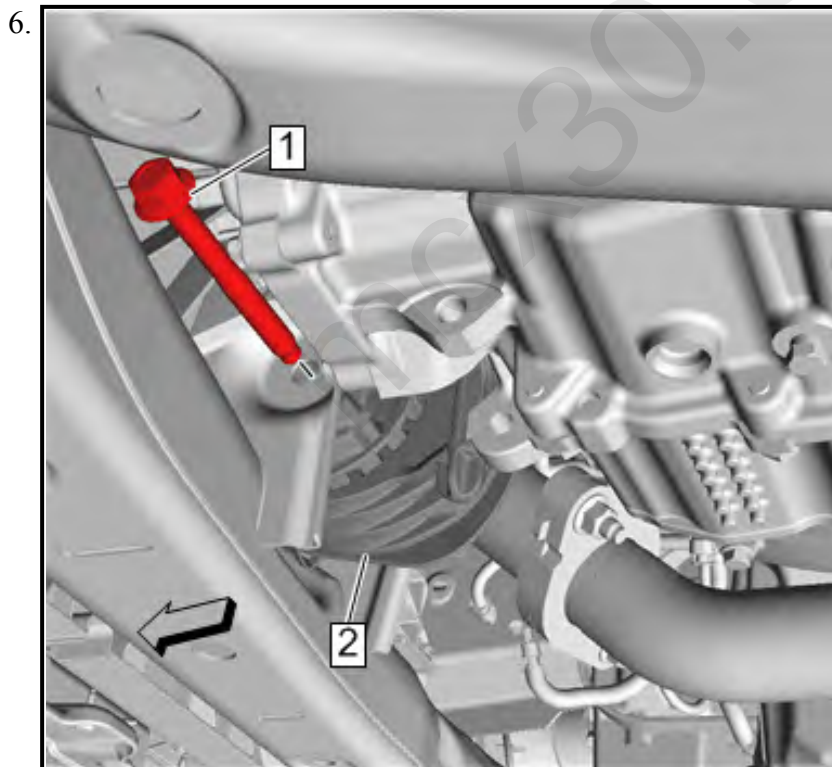
2.





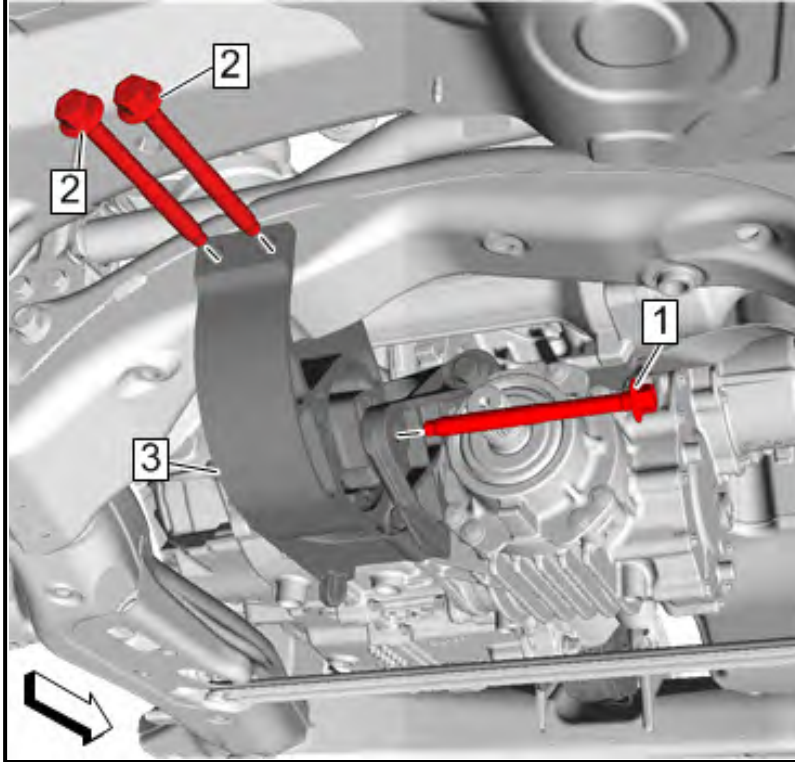
Intermediate Steering Shaft (2) @ Steering Gear - Separate - [Intermediate Steering Shaft Replacement](#)

3. Raise and support the vehicle. [Lifting and Jacking the Vehicle](#)
4. Remove the front wheels. [Tire and Wheel Removal and Installation](#)
5. Exhaust Front Pipe - Remove - [Exhaust Front Pipe Replacement \(LTG\)](#) [Exhaust Front Pipe Replacement \(LFY\)](#)

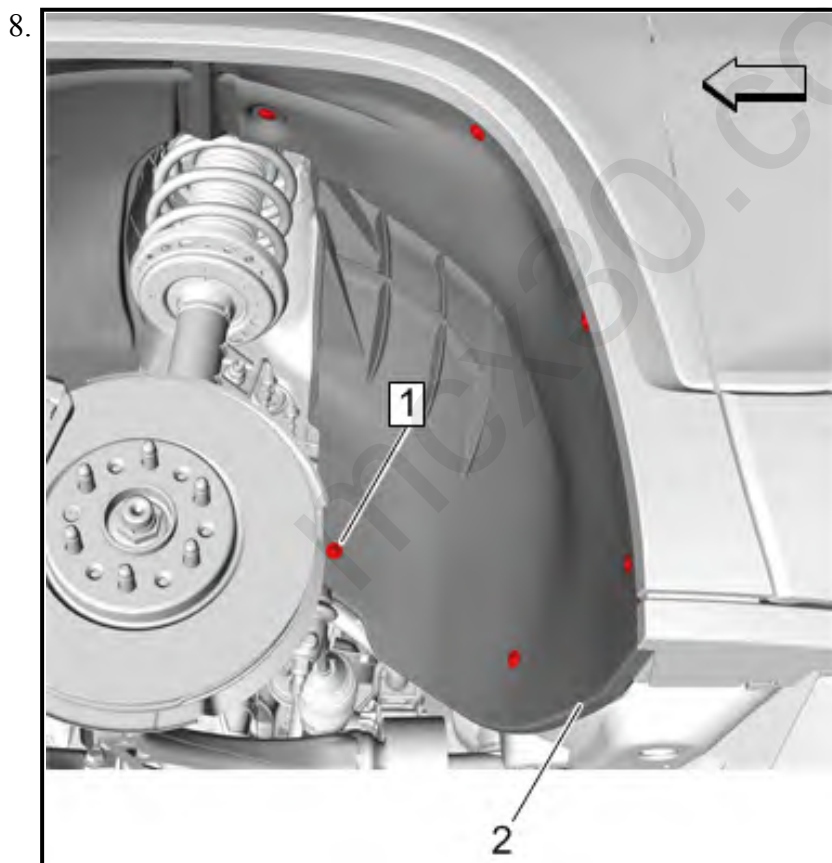


Front Transmission Mount Through Bolt (1) - Remove - [Transmission Front Mount Replacement](#)



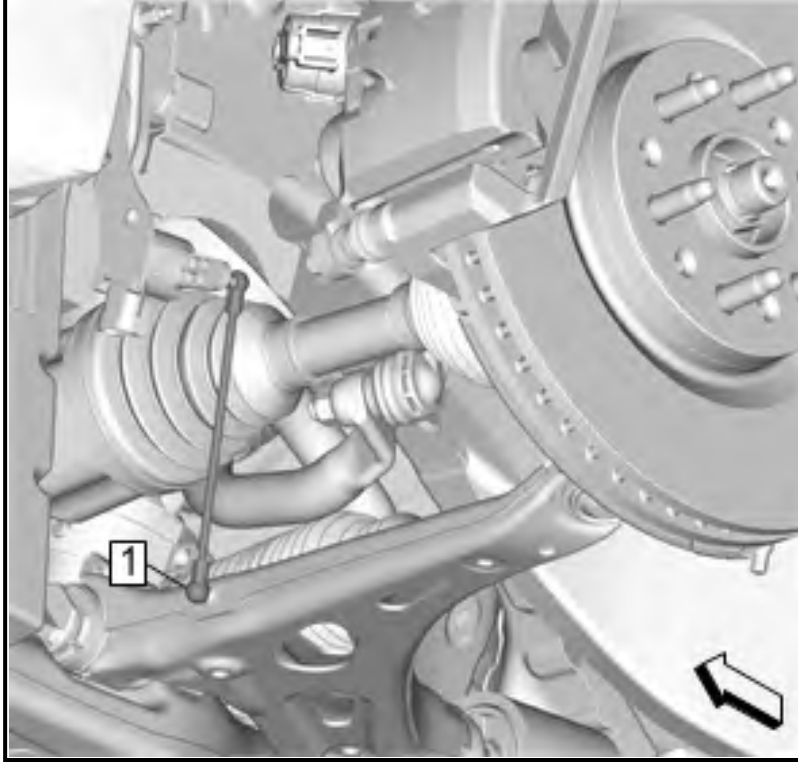


Rear Transmission Mount Through Bolt (1) - Remove - [Transmission Mount Strut Replacement \(Front Wheel Drive\)](#)



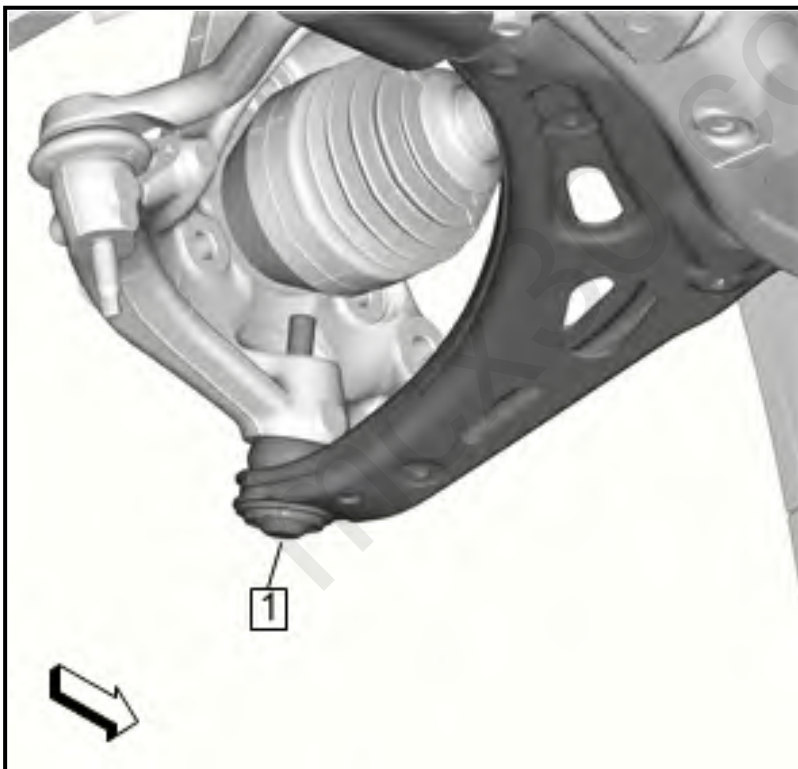
Front Wheelhouse Liner (2) - Remove - [Front Wheelhouse Liner Replacement](#)





{ If equipped } Front Suspension Automatic Forward Lighting Position Sensor (1) @ Front Lower Control Arm - Separate

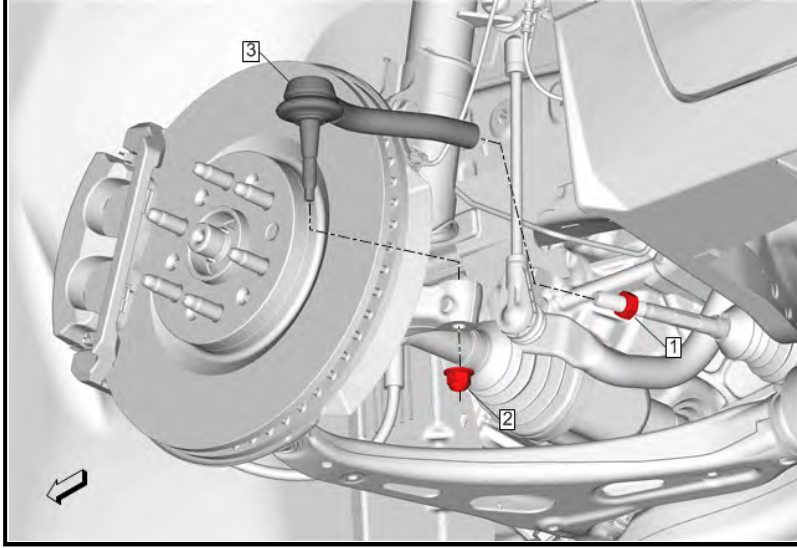
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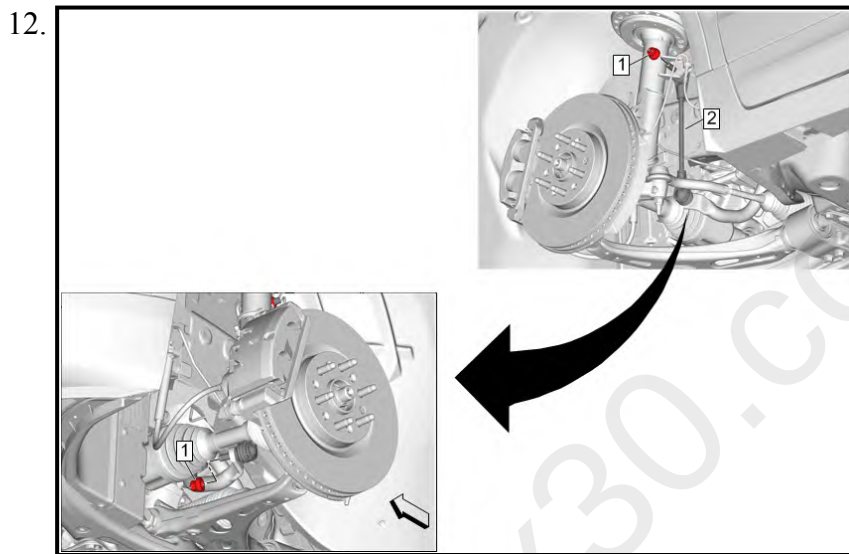
Front Lower Control Arm (1) @ Steering Knuckle - Separate - [Lower Control Arm Replacement](#)

11.

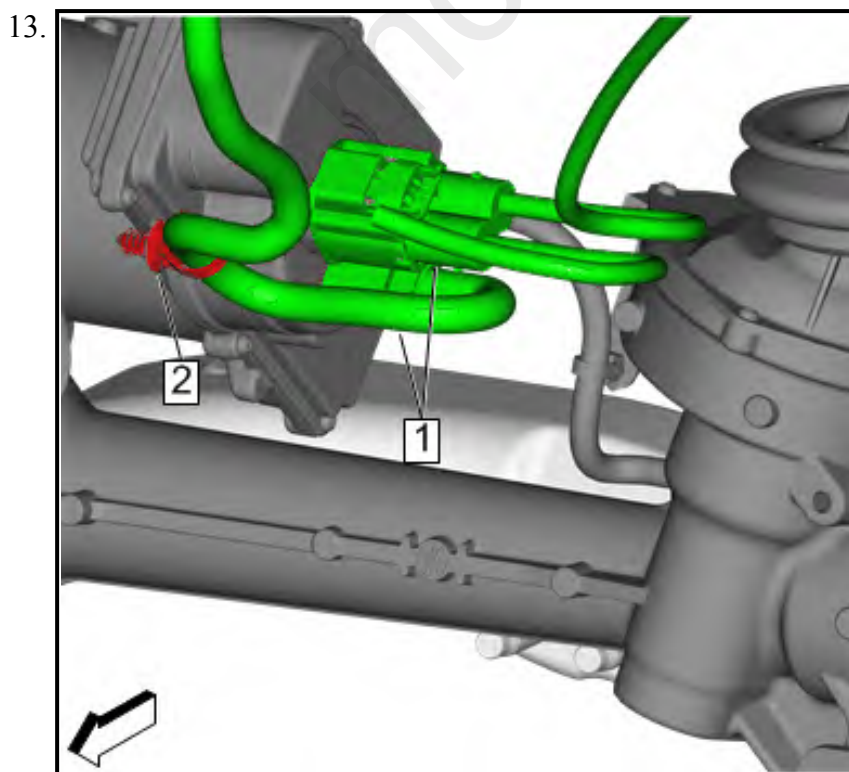




Steering Linkage Outer Tie Rod (3) @ Steering Knuckle - Separate - [Steering Linkage Outer Tie Rod Replacement](#)



Stabilizer Shaft Link (2) @ Stabilizer Shaft - Separate - [Stabilizer Shaft Link Replacement](#)

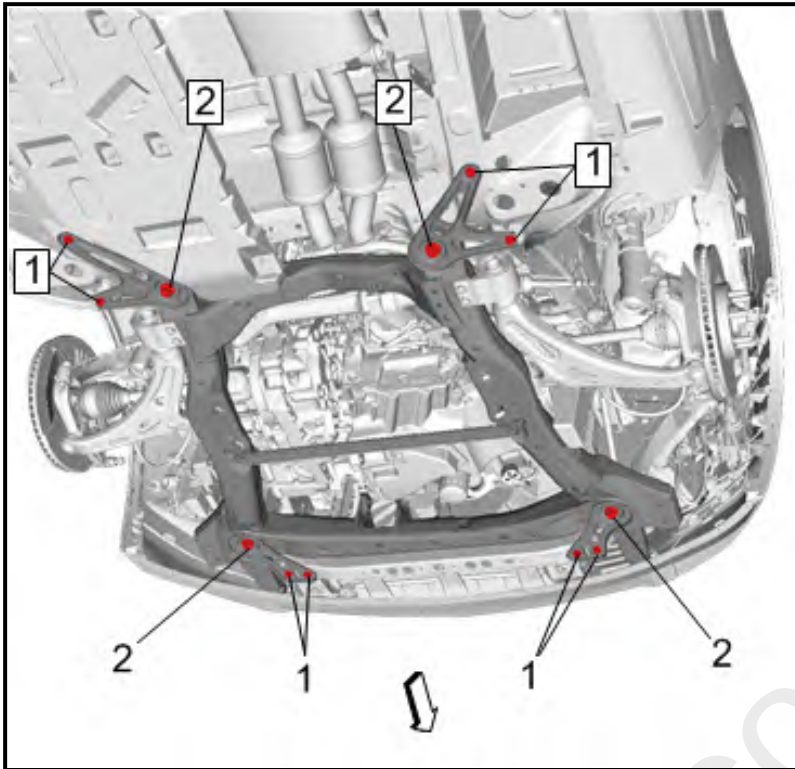


CAUTION: Always disconnect the steering gear electrical connectors before removal of the drivetrain and front suspension cradle. Failure to disconnect the

electrical connectors at the steering gear will result in damage to the steering gear.

Disconnect the electrical connector on the steering gear and disconnect the wiring harness clip from the steering gear housing. (1)

14.



Install **EN-39580** Support Stand under the drivetrain and front suspension cradle.

15. Lower the vehicle until the drivetrain and front suspension frame is resting lightly on the jackstands.

16. Drivetrain and Front Suspension Support Bolt (1) - Remove [8x]

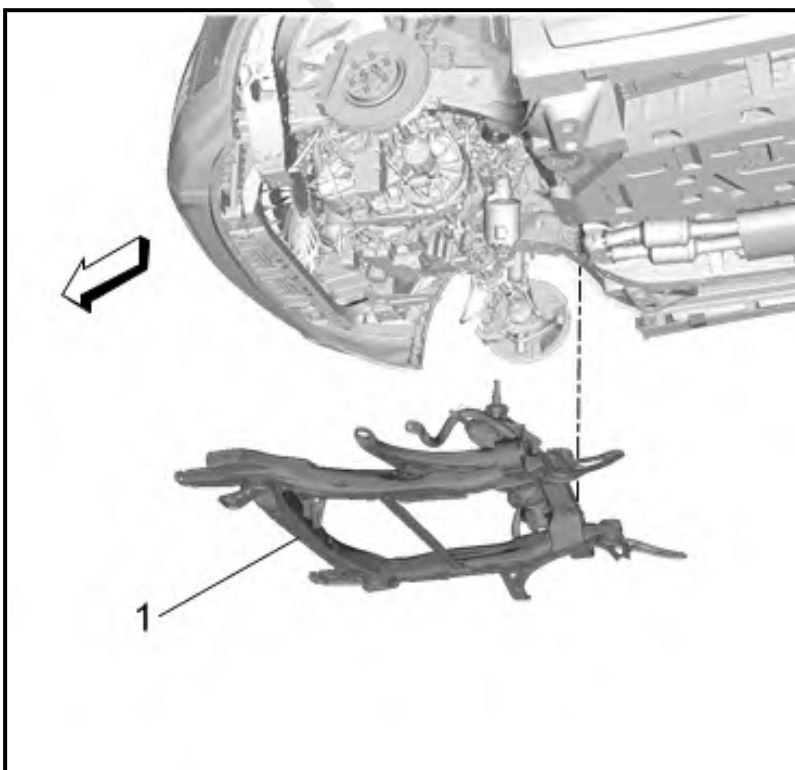
17. Drivetrain and Front Suspension Support Bolt (2) - Remove and DISCARD the bolts. [4x]

18. With the aid of an assistant, carefully raise the body from the frame.

19. Ensure when raising the body the following items are clear from the frame:

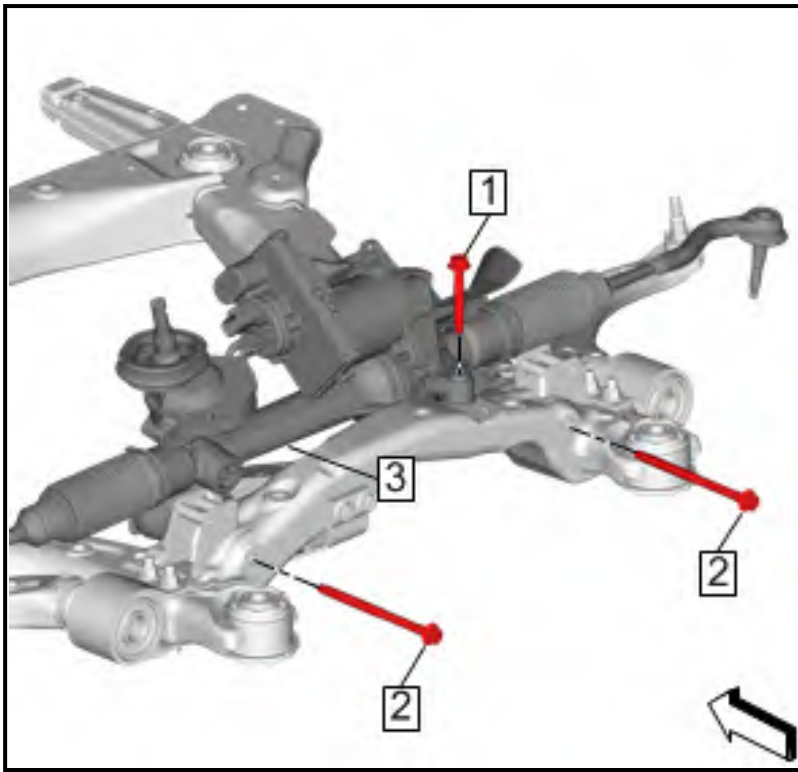
- Vacuum lines
- Steering knuckles
- Electrical wiring harnesses

20.



Remove the drivetrain and front suspension frame. (1)

21.

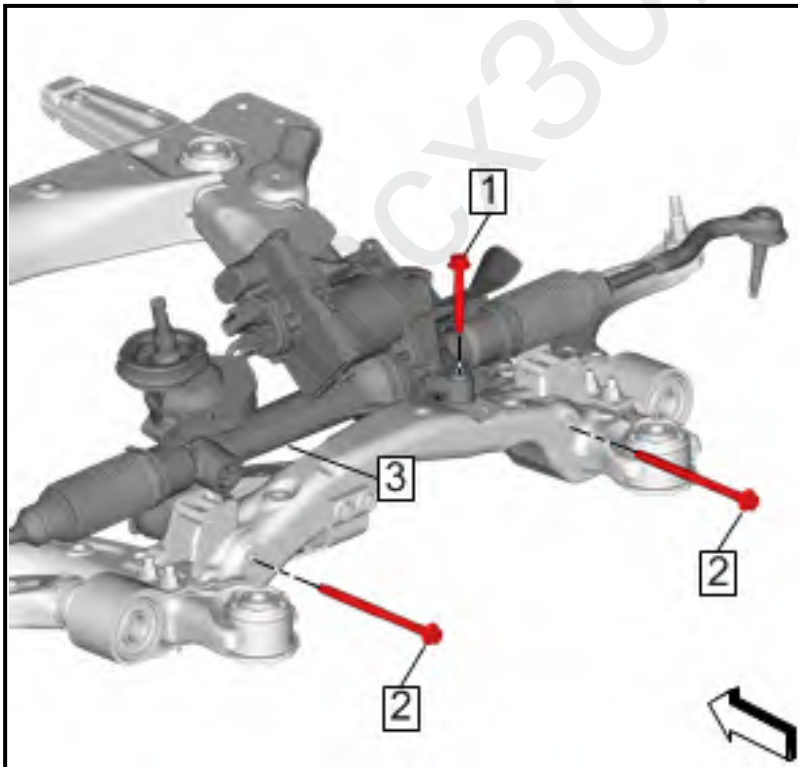


Electric Belt Drive Rack and Pinion Steering Gear (3) - Remove - [Electric Belt Drive Rack and Pinion Steering Gear Replacement](#)

22. Transfer parts as necessary.

Installation Procedure

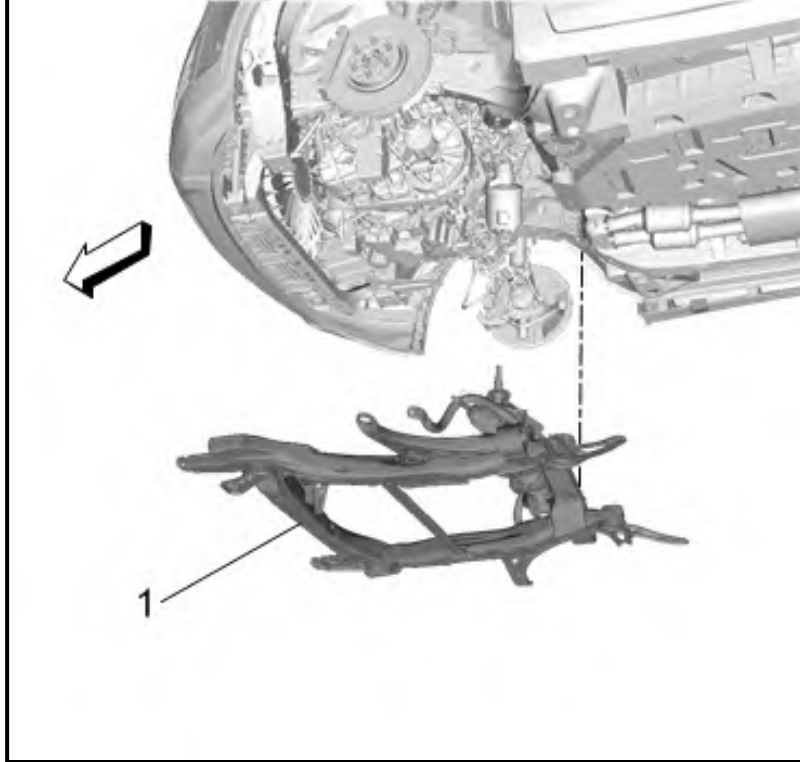
1.



Electric Belt Drive Rack and Pinion Steering Gear (3) - Install - [Electric Belt Drive Rack and Pinion Steering Gear Replacement](#)

2.



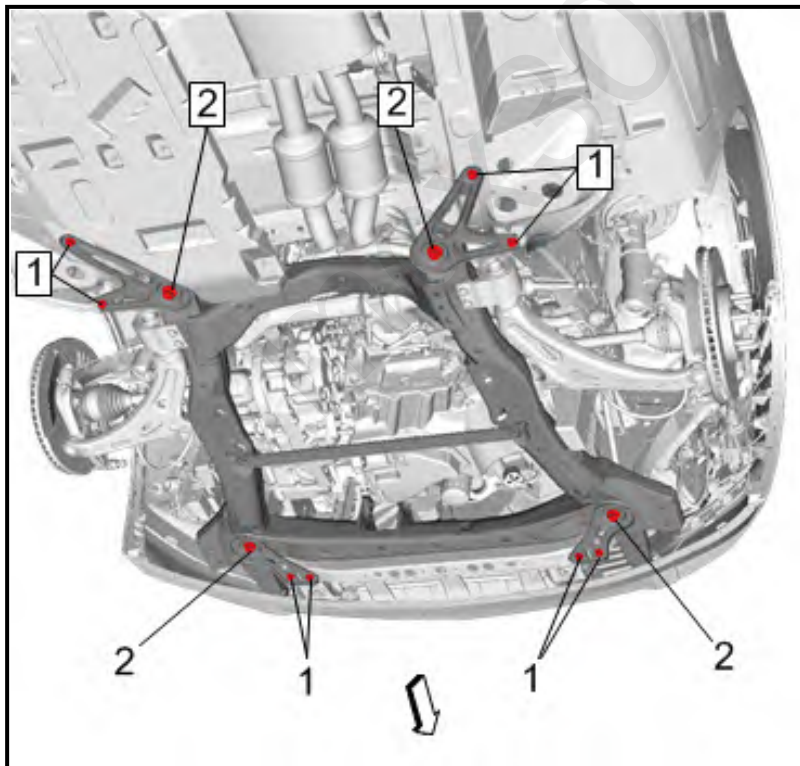


With the aid of an assistant, carefully lower the body to the frame. (1)

3. Ensure the following components are clear from the frame:

- Vacuum lines
- Steering knuckles
- Electrical wiring harnesses

4.



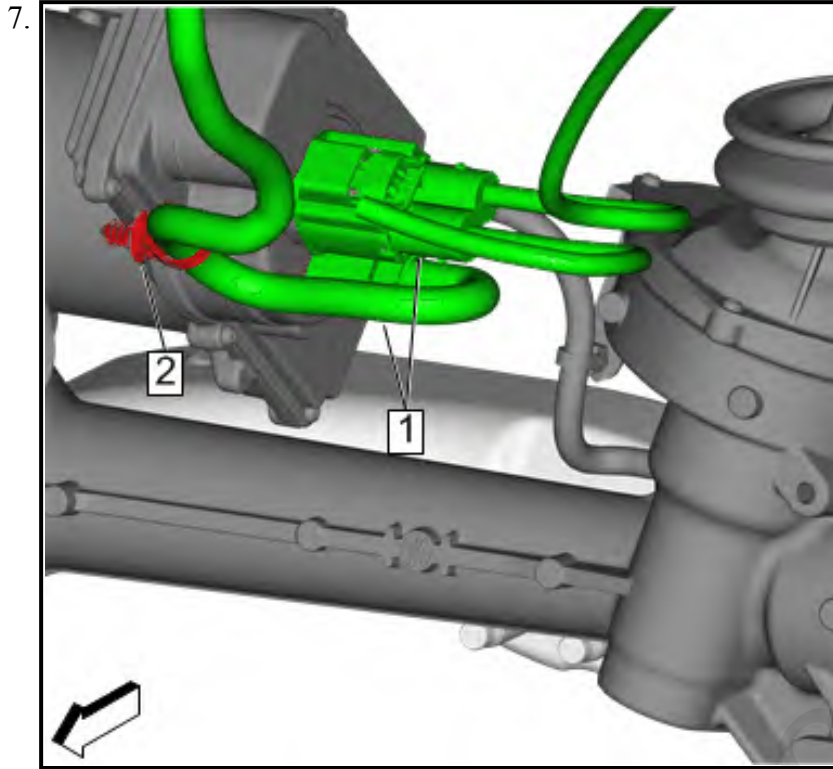
CAUTION: This vehicle is equipped with torque-to-yield or single use fasteners. Install a NEW torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component.

Drivetrain and Front Suspension Support Bolt (2) - Install and tighten the NEW bolt. [4x]

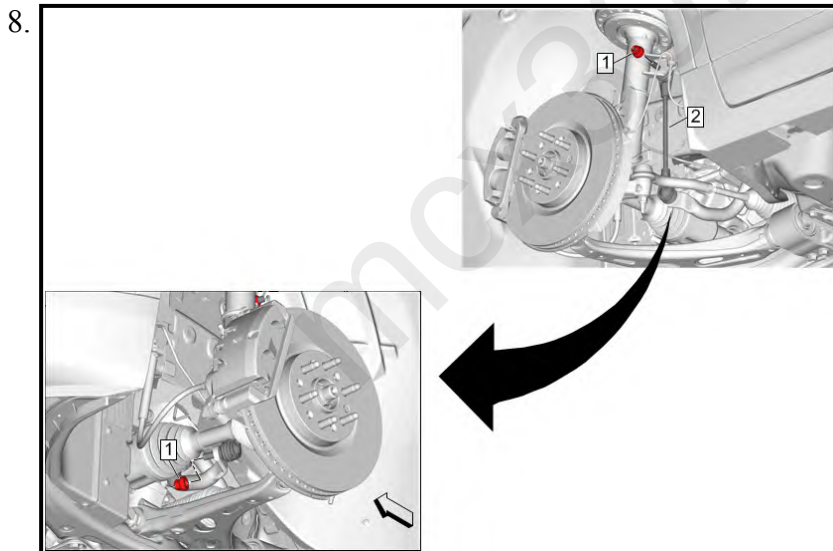
1. First Pass: 160 N.m (118 lb ft)
2. Final Pass: (60 - 75 degrees)

CAUTION: Refer to [Fastener Caution](#)

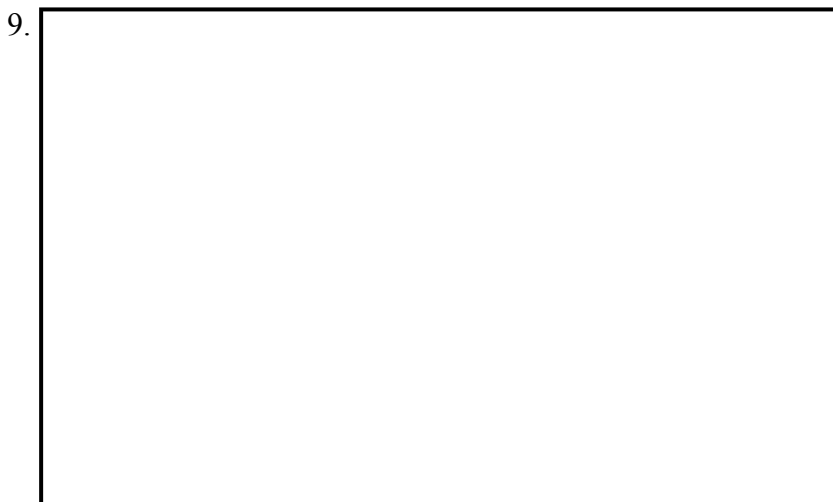
5. Drivetrain and Front Suspension Support Bolt (1) - Install and tighten [8x] 58 N.m (43 lb ft)
6. Remove the **EN-39580** Support Stand from under the vehicle.

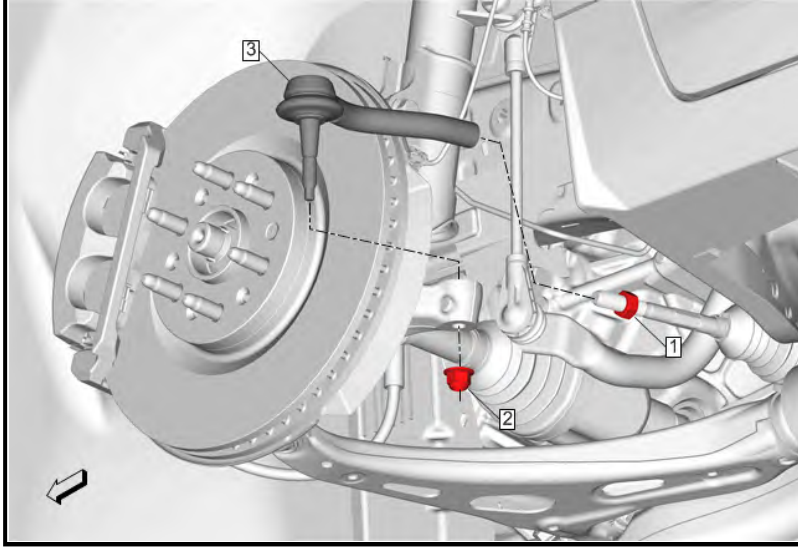


Connect the electrical connector on the steering gear and connect the wiring harness clip on the steering gear housing. (1)



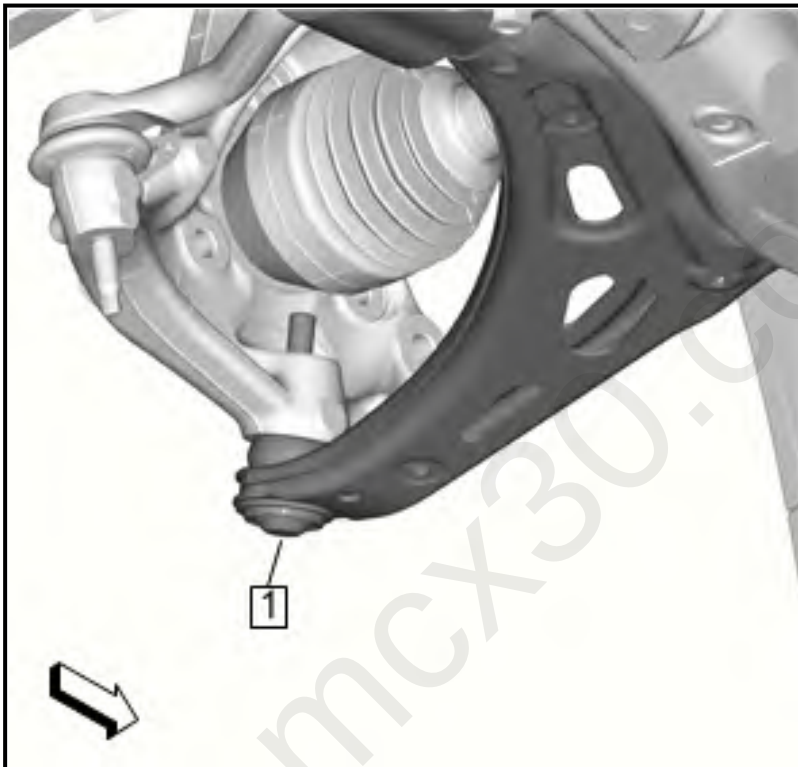
Stabilizer Shaft Link (2) @ Stabilizer Shaft - Install - [Stabilizer Shaft Link Replacement](#)





Steering Linkage Outer Tie Rod (3) @ Steering Knuckle - Install - [Steering Linkage Outer Tie Rod Replacement](#)

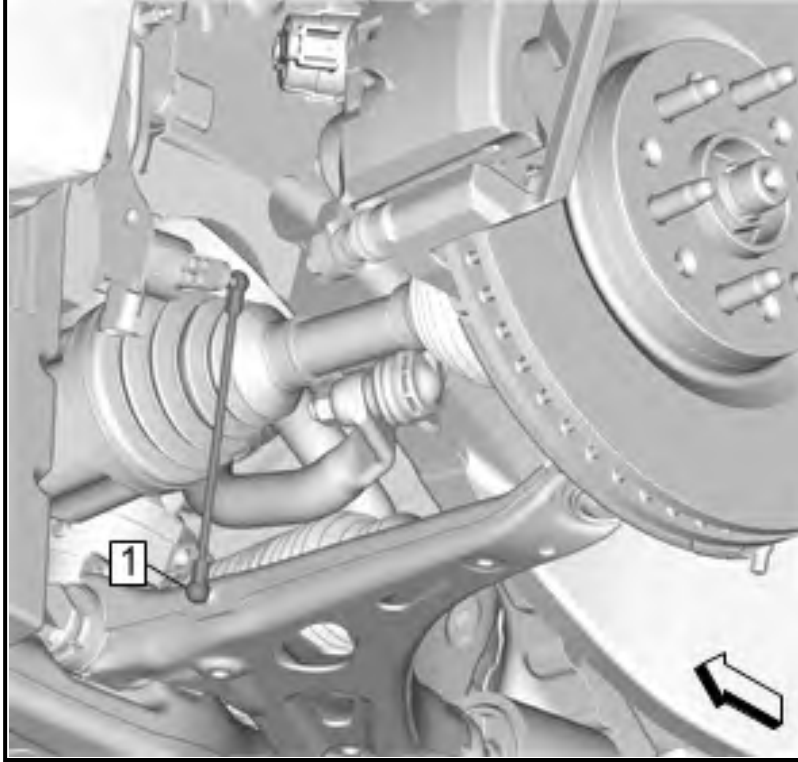
10.



Front Lower Control Arm (1) @ Steering Knuckle - Install - [Lower Control Arm Replacement](#)

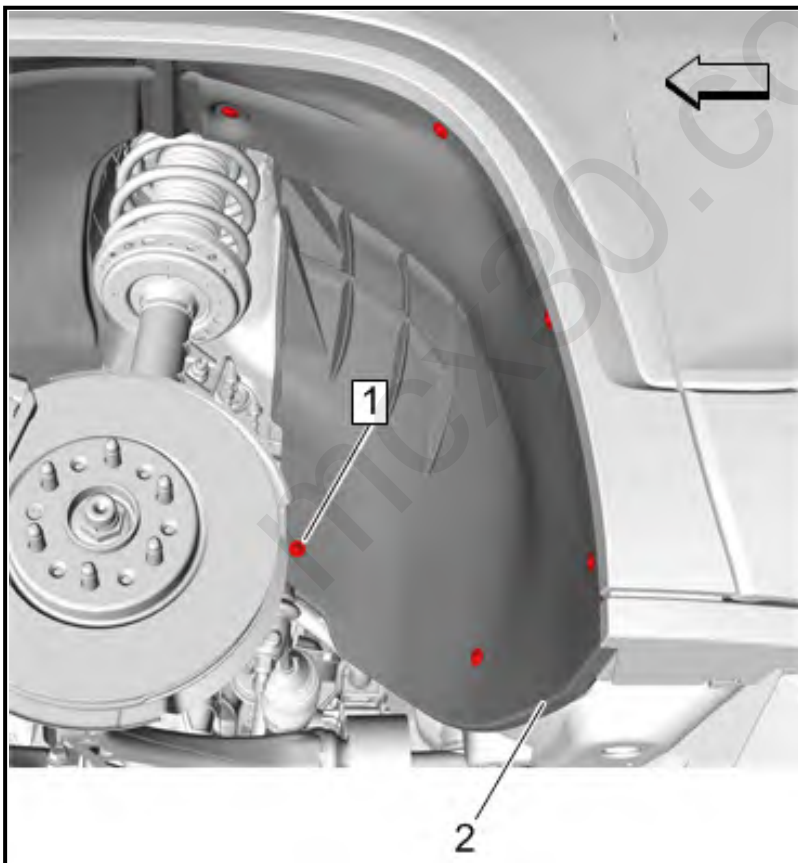
11.





{ If equipped } Front Suspension Automatic Forward Lighting Position Sensor (1) @ Front Lower Control Arm - Connect

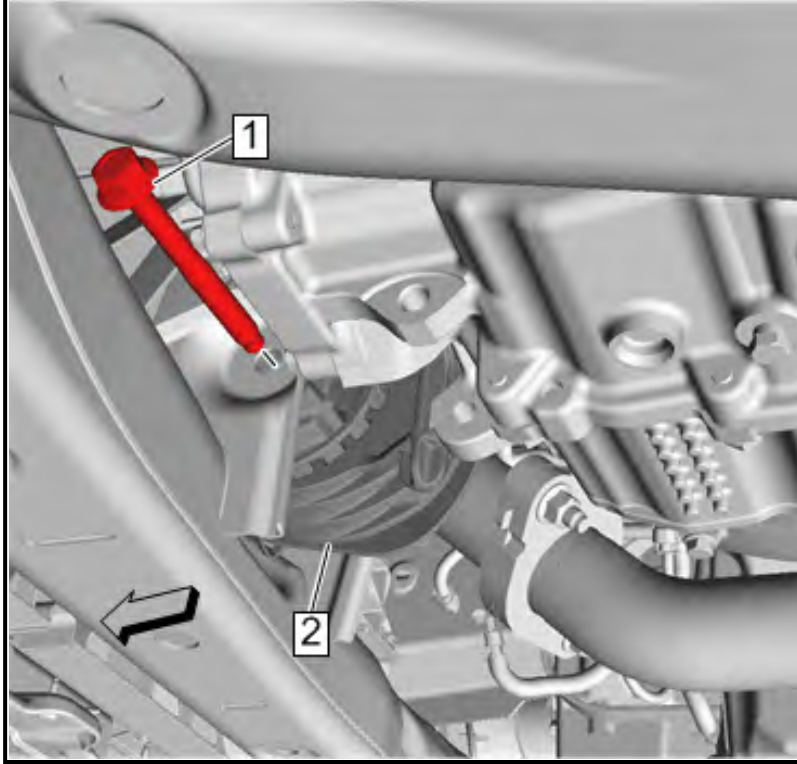
12.



Front Wheelhouse Liner (2) - Install - [Front Wheelhouse Liner Replacement](#)

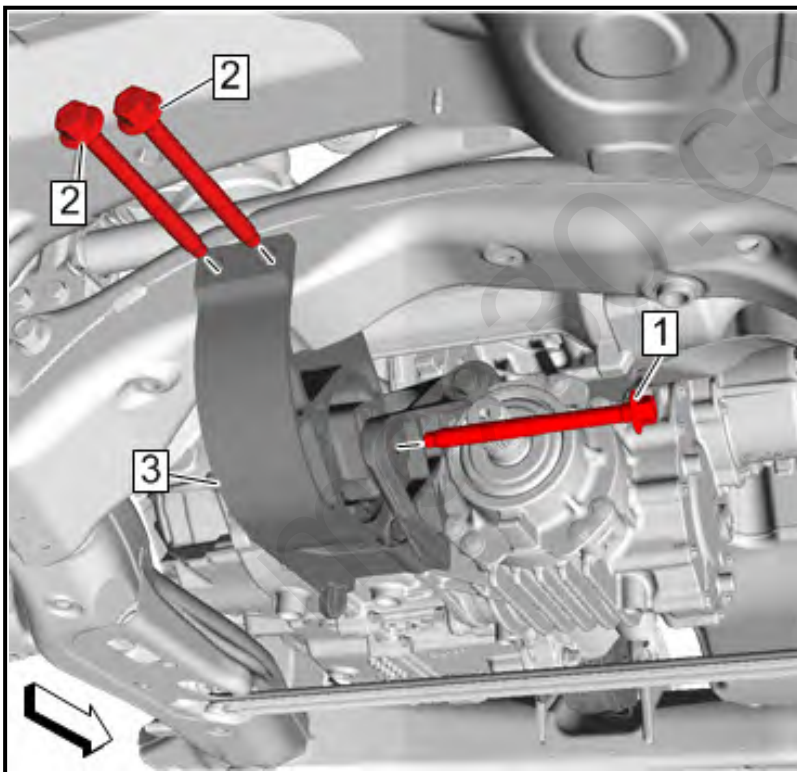
13.





Front Transmission Mount Through Bolt (1) - Install - [Transmission Front Mount Replacement](#)

14.



Rear Transmission Mount Through Bolt (1) - Install - [Transmission Mount Strut Replacement \(Front Wheel Drive\)](#)

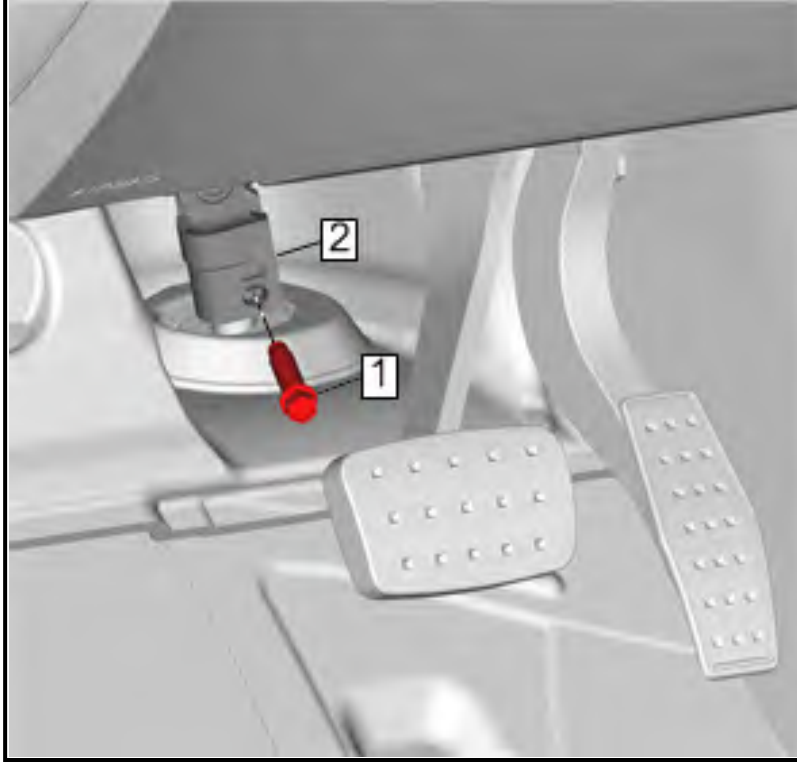
15. Exhaust Front Pipe - Install - [Exhaust Front Pipe Replacement \(LTG\)](#), [Exhaust Front Pipe Replacement \(LFY\)](#).

16. Install the front tires and wheels. [Tire and Wheel Removal and Installation](#)

17. Lower the vehicle.

18.





Intermediate Steering Shaft (2) @ Steering Gear - Install - [Intermediate Steering Shaft Replacement](#)

19. Remove the engine support fixture.

20. Perform a wheel alignment. [Wheel Alignment - Steering Wheel Angle and/or Front Toe Adjustment](#)

DRIVETRAIN AND FRONT SUSPENSION CRADLE REMOVAL AND INSTALLATION (ALL WHEEL DRIVE)

Special Tools

- EN-39580 Support Stand
- EN-28467-B Engine Support Fixture
- CH-51034-A Cradle Alignment Pins

Equivalent regional tools: [Special Tools](#)

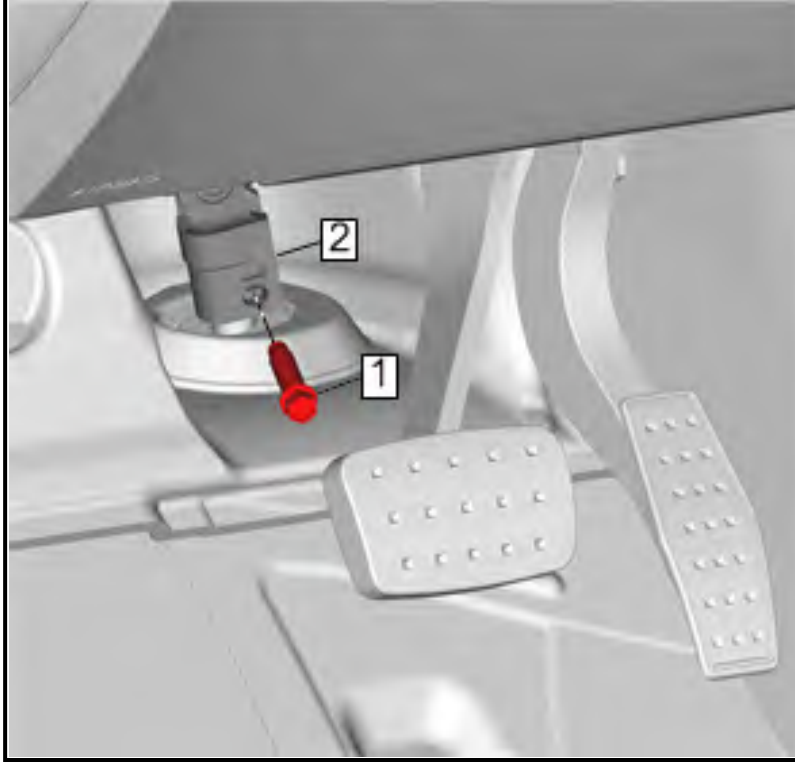
Removal Procedure

NOTE: Vehicle alignment is not required if the cradle is being lowered or dropped to perform another procedure. This vehicle is equipped with a cradle to body aligning feature: cradle to body through holes or self-aligning pins that are part of the cradle or body. Only align if replacing the cradle with a NEW part and transferring components.

1. Install the engine support fixture. [Engine Support Fixture](#)

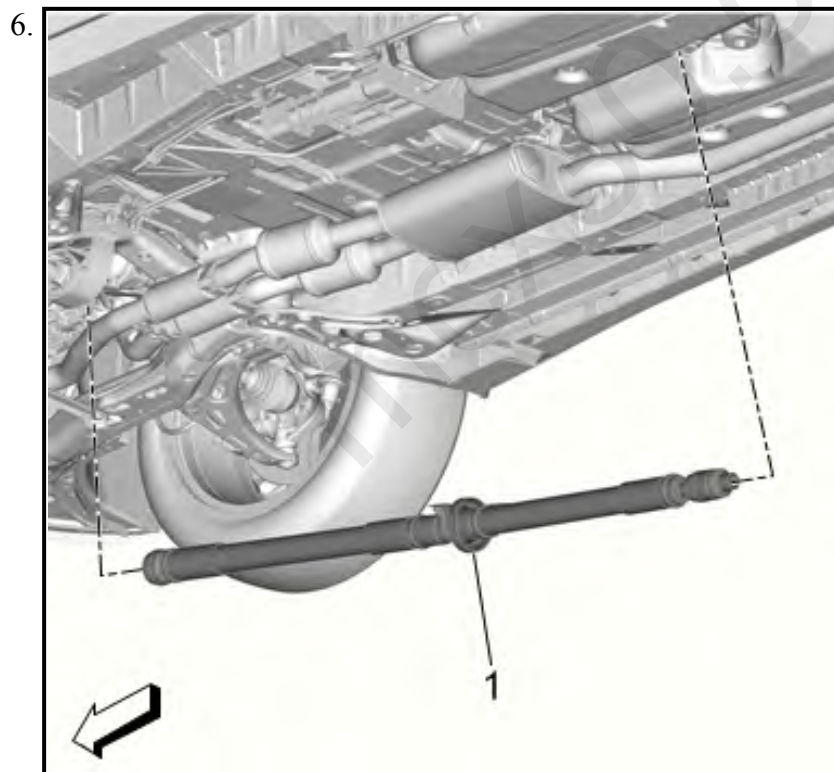
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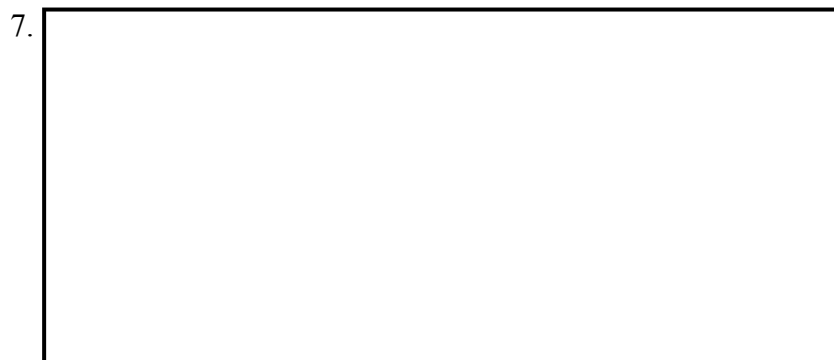


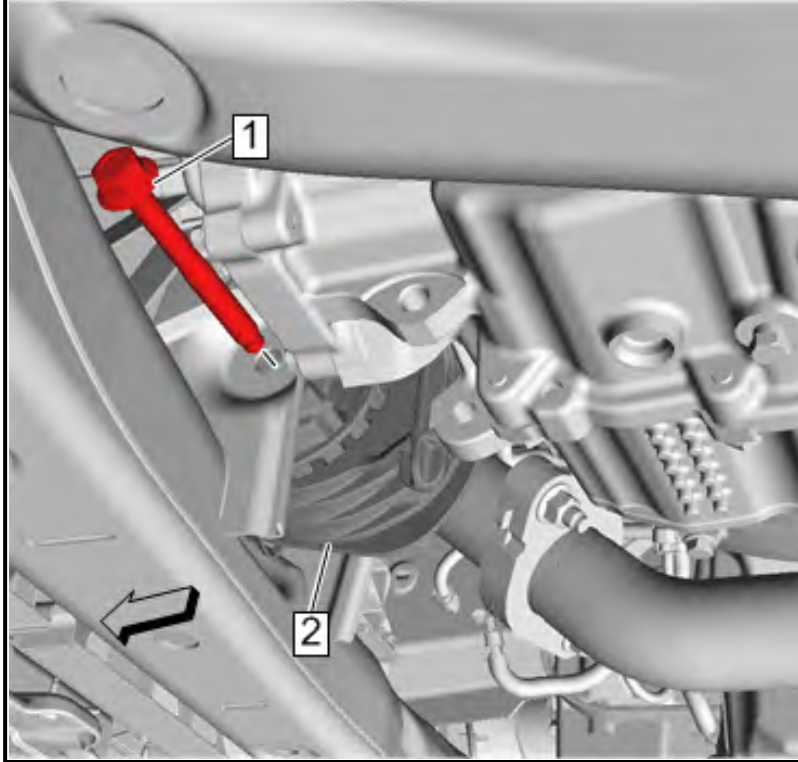
Intermediate Steering Shaft (2) @ Steering Gear - Separate - [Intermediate Steering Shaft Replacement](#)

3. Raise and support the vehicle. [Lifting and Jacking the Vehicle](#)
4. Remove the front wheels. [Tire and Wheel Removal and Installation](#)
5. Exhaust Front Pipe - Remove - [Exhaust Front Pipe Replacement \(LFY\)](#)

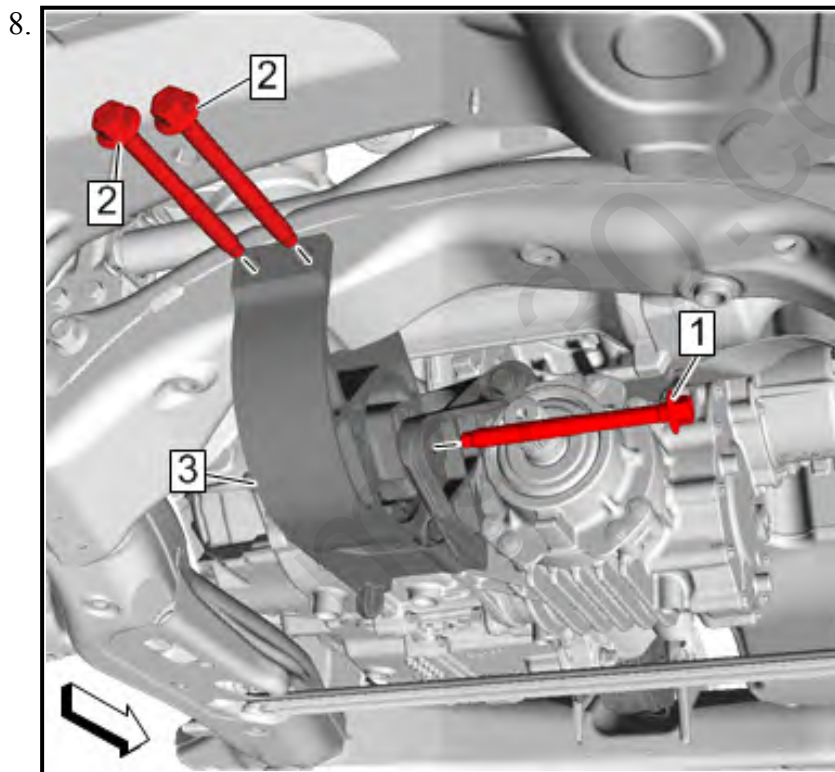


Propeller Shaft (1) - Remove - [Two-Piece Propeller Shaft Replacement](#)

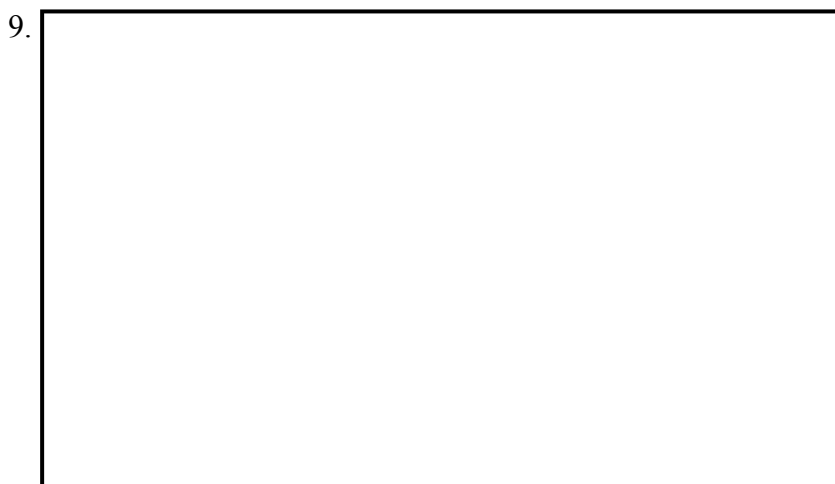


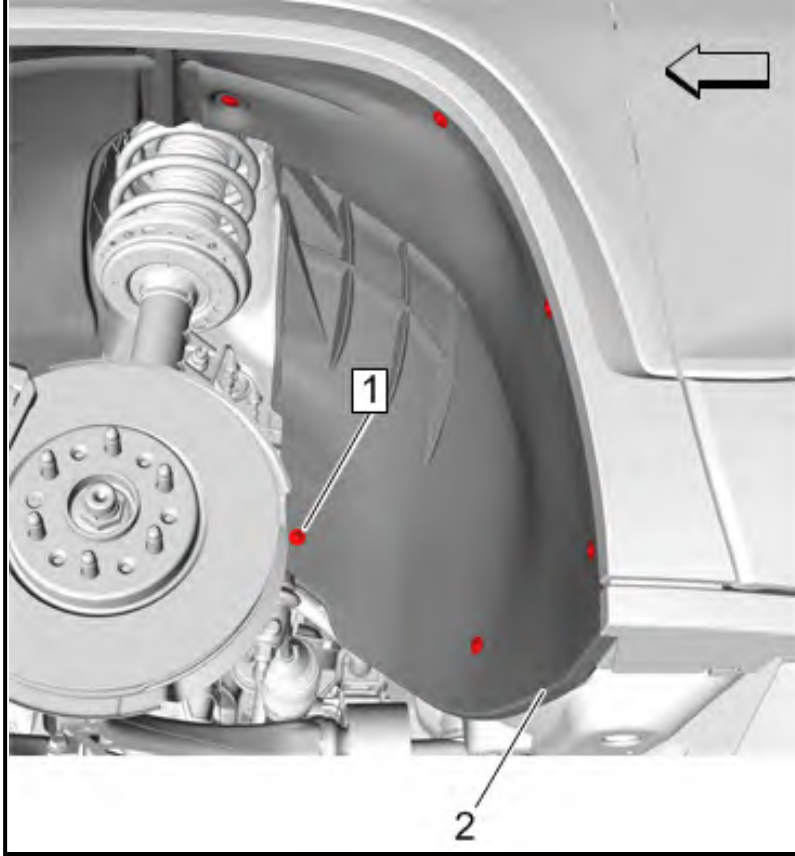


Front Transmission Mount Through Bolt (1) - Remove - [Transmission Front Mount Replacement](#)



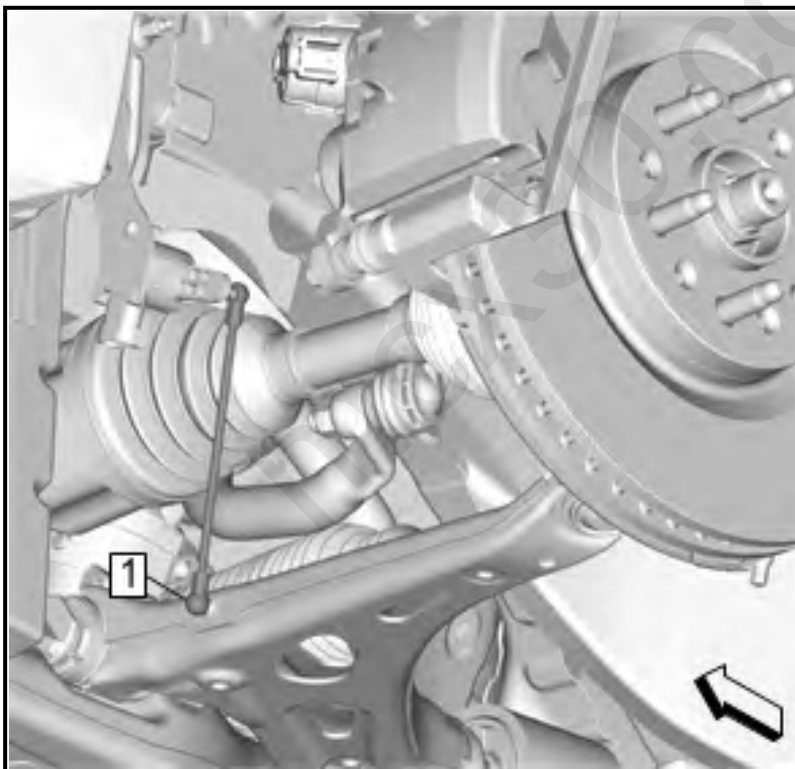
Rear Transmission Mount Through Bolt (1) - Remove - [Transmission Mount Strut Replacement \(All Wheel Drive\)](#)





Front Wheelhouse Liner (2) - Remove - [Front Wheelhouse Liner Replacement](#)

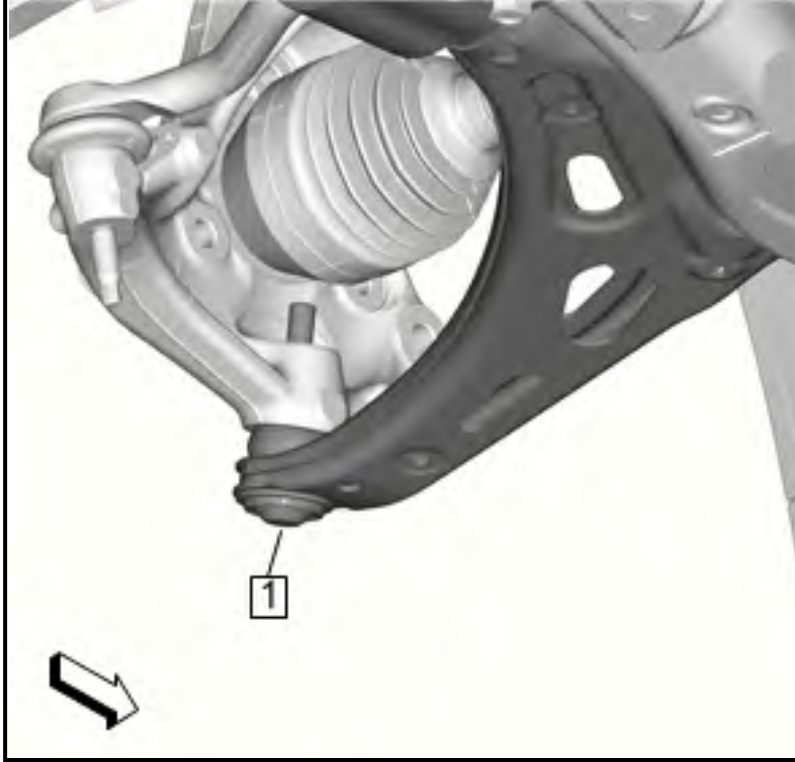
10.



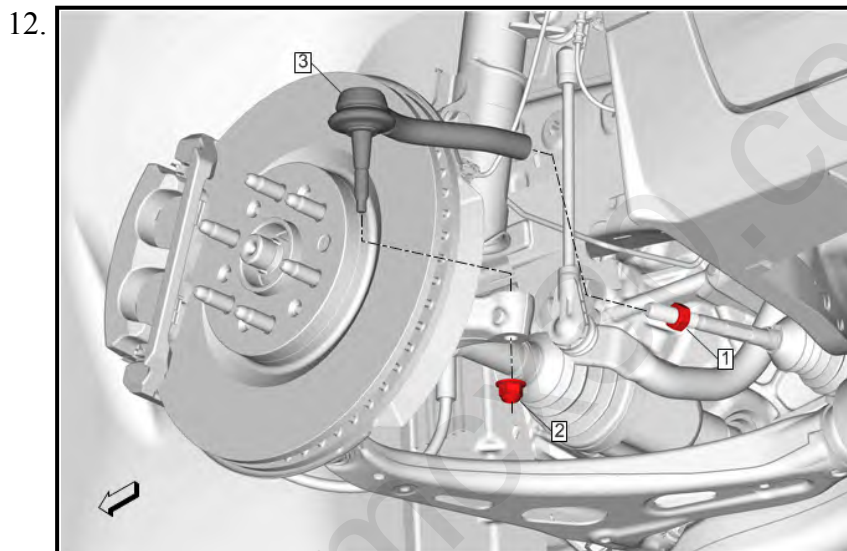
{ If equipped } Front Suspension Automatic Forward Lighting Position Sensor (1) @ Front Lower Control Arm - Separate

11.

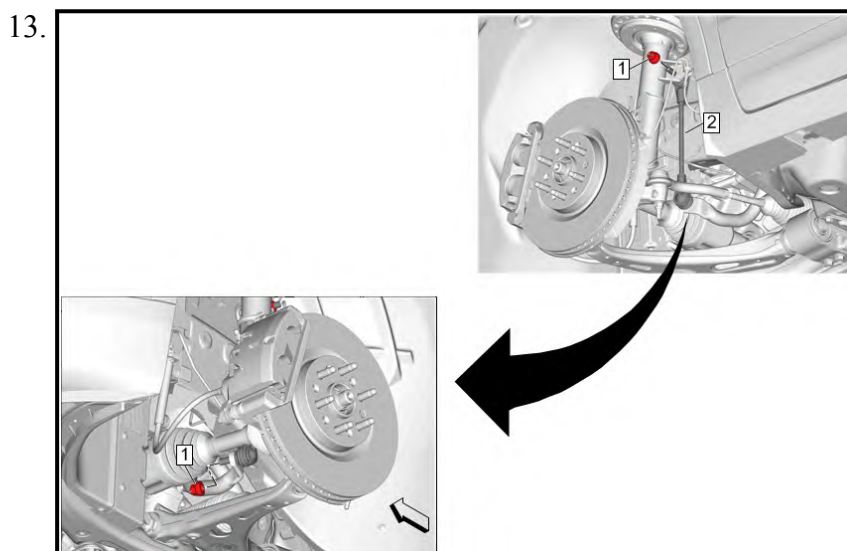




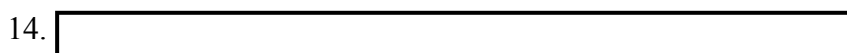
Front Lower Control Arm (1) @ Steering Knuckle - Separate - [Lower Control Arm Replacement](#)

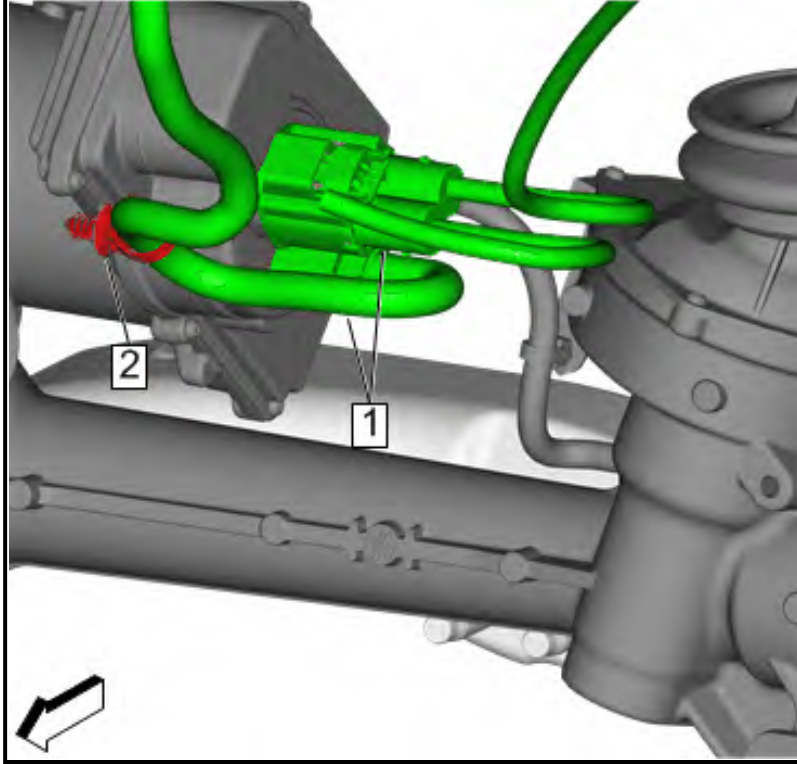


Steering Linkage Outer Tie Rod (3) @ Steering Knuckle - Separate - [Steering Linkage Outer Tie Rod Replacement](#)



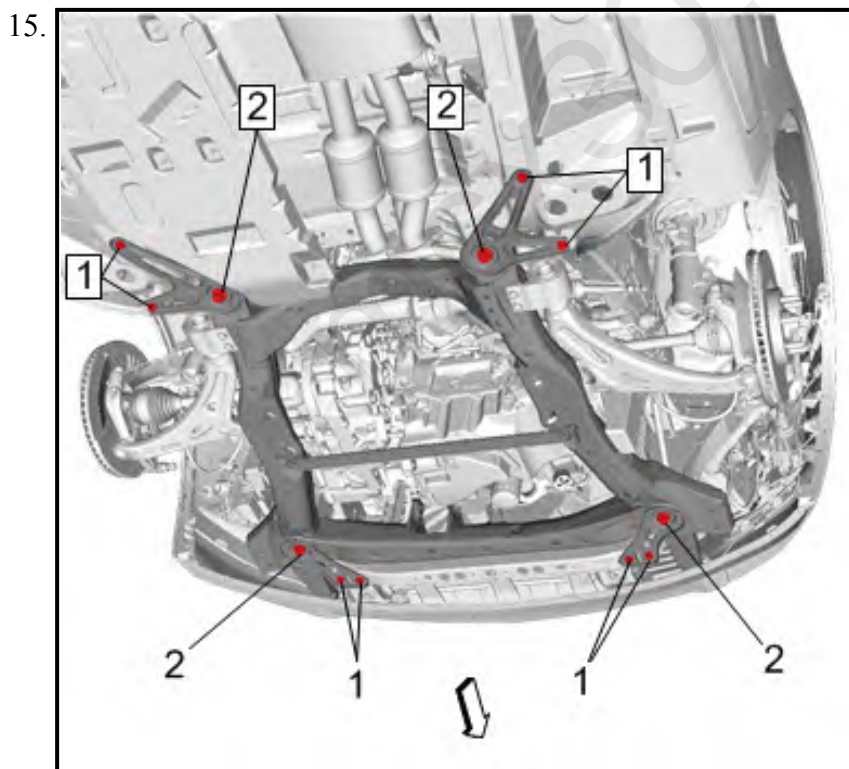
Stabilizer Shaft Link (2) @ Stabilizer Shaft - Separate - [Stabilizer Shaft Link Replacement](#)





CAUTION: Always disconnect the steering gear electrical connectors before removal of the drivetrain and front suspension cradle. Failure to disconnect the electrical connectors at the steering gear will result in damage to the steering gear.

Disconnect the electrical connector on the steering gear and disconnect the wiring harness clip from the steering gear housing. (1)

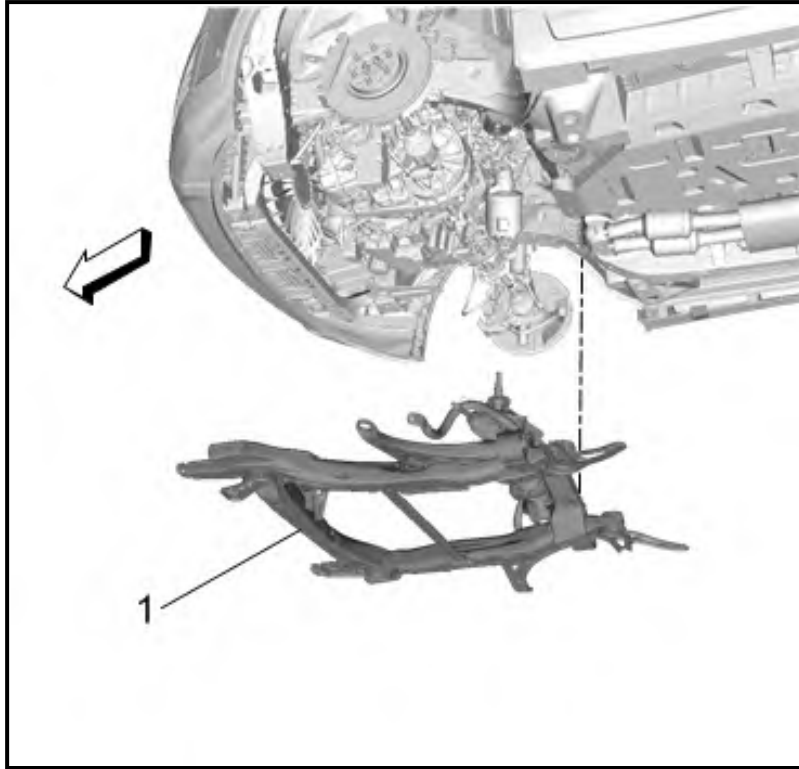


Install **EN-39580** Support Stand under the drivetrain and front suspension cradle.

16. Lower the vehicle until the drivetrain and front suspension frame is resting lightly on the jackstands.
17. Front Cradle Mount Bolt Bracket Bolt (1) - Remove [8x]
18. Drivetrain and Front Suspension Cradle Bolt (2) - Remove and DISCARD the bolts. [4x]
19. With the aid of an assistant, carefully raise the body from the frame.
20. Ensure when raising the body the following items are clear from the frame:
 - Vacuum lines

- Steering knuckles
- Electrical wiring harnesses

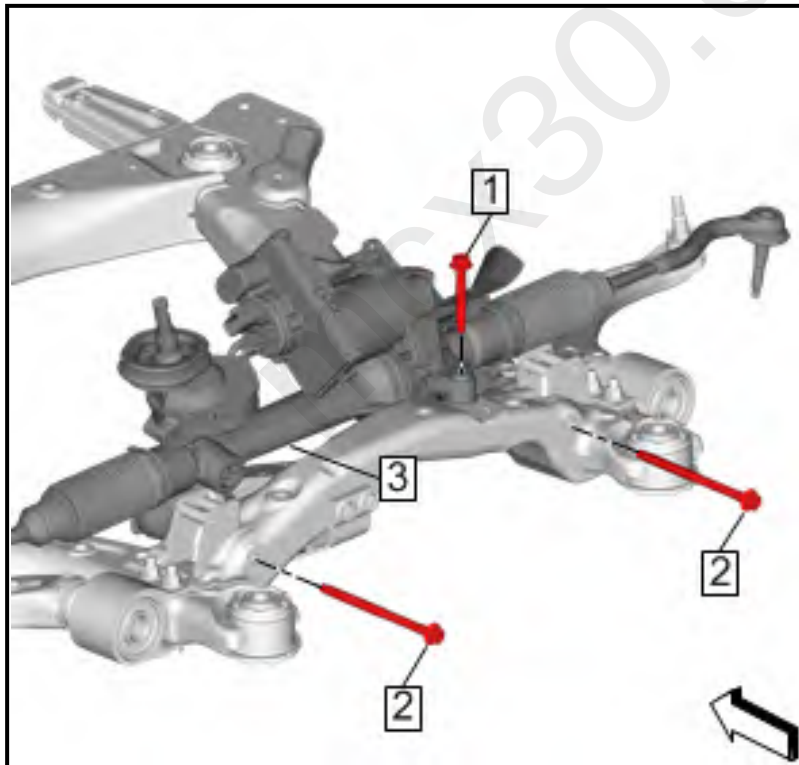
21.



Remove the drivetrain and front suspension frame. (1)

Installation Procedure

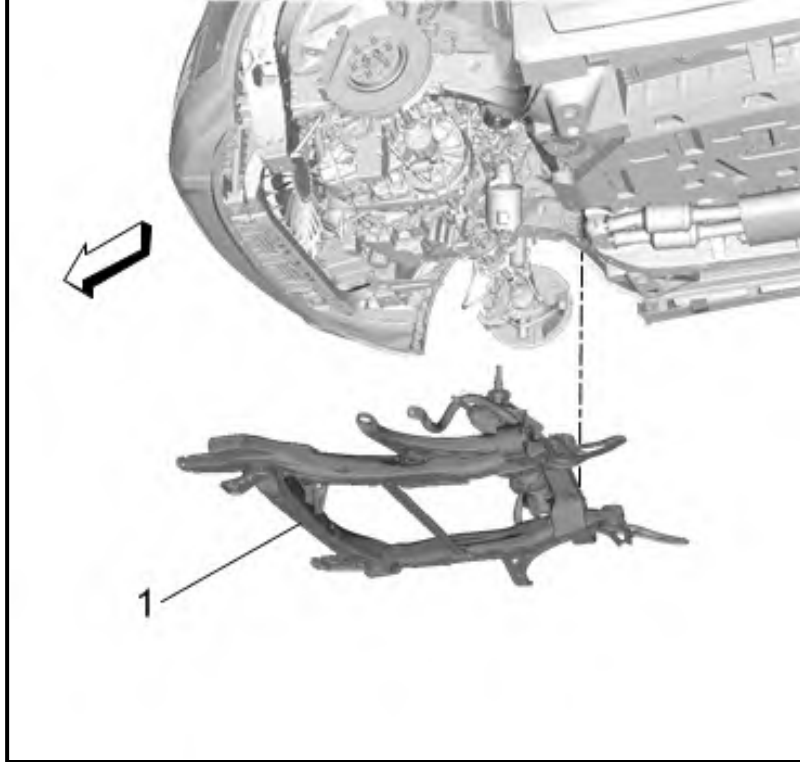
1.



Electric Belt Drive Rack and Pinion Steering Gear (3) - Install - [Electric Belt Drive Rack and Pinion Steering Gear Replacement](#)

2.

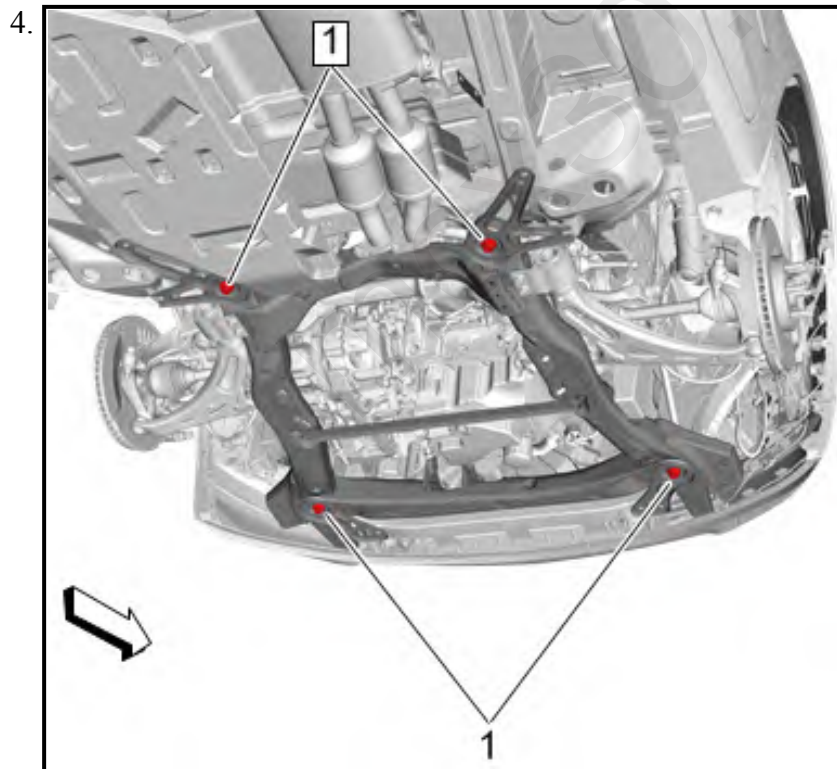




With the aid of an assistant, carefully lower the body to the frame. (1)

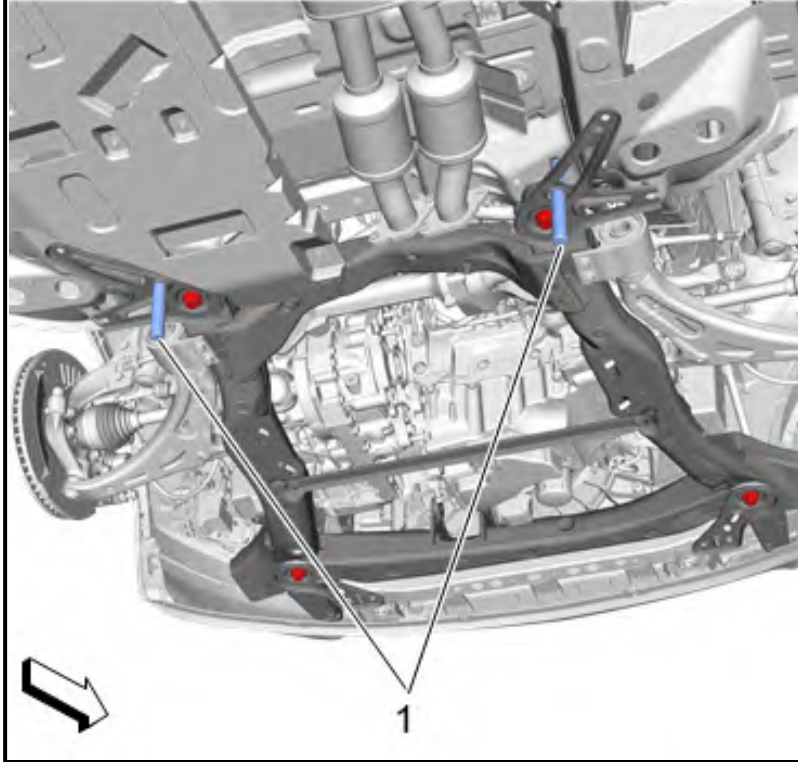
3. Ensure the following components are clear from the frame:

- Vacuum lines
- Steering knuckles
- Electrical wiring harnesses

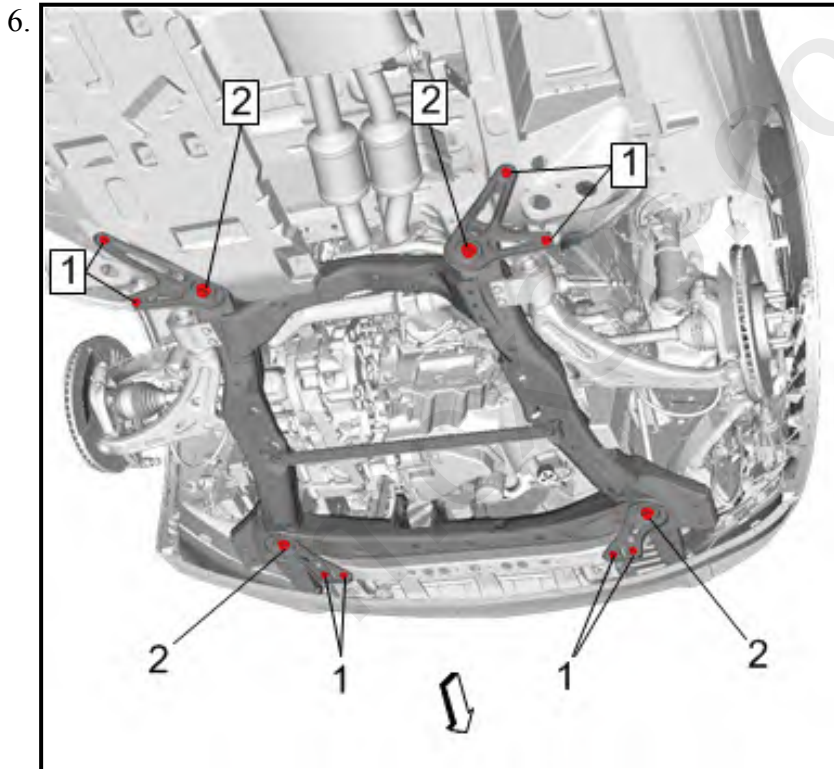


Drivetrain and Front Suspension Cradle Bolt (1) - Hand tighten [4x]





Use the **CH-51034-A** Cradle Alignment Pins (1), to align the cradle to the body.



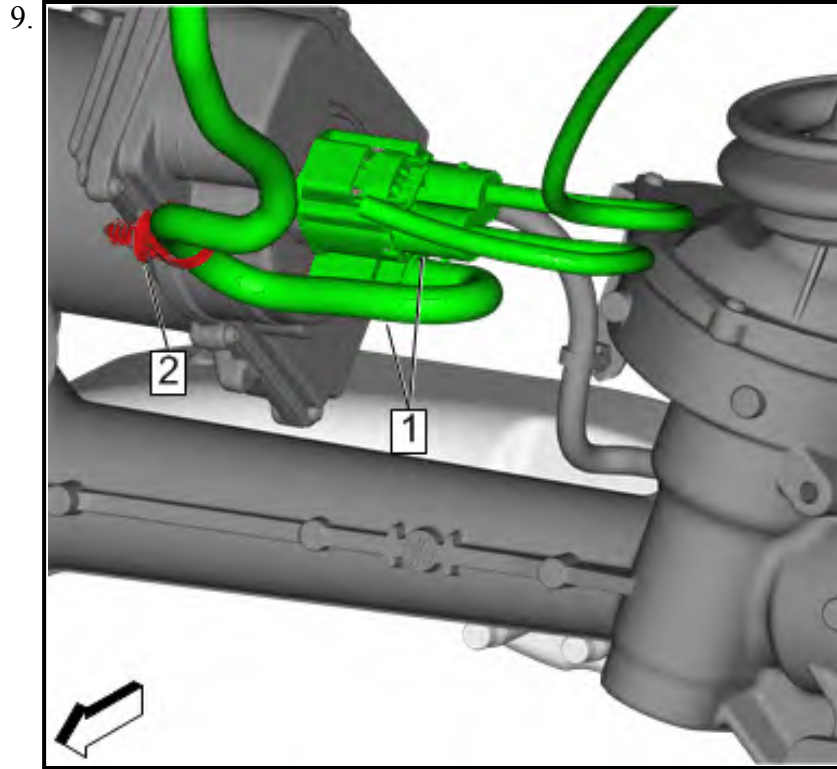
CAUTION: This vehicle is equipped with torque-to-yield or single use fasteners. Install a **NEW** torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component.

Drivetrain and Front Suspension Cradle Bolt (2) - Tighten the NEW bolt [4x]

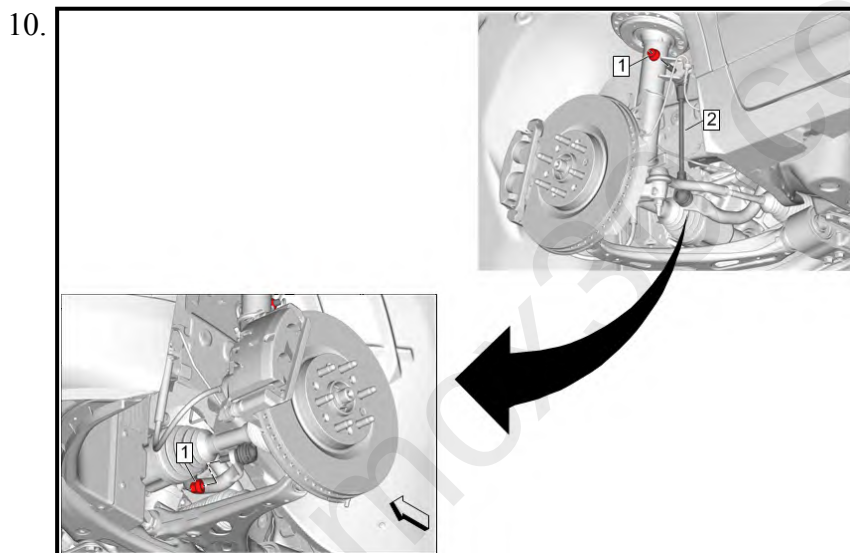
1. First Pass: 160 N.m (118 lb ft)
2. Final Pass: (60 - 75 degrees)

CAUTION: Refer to **Fastener Caution**

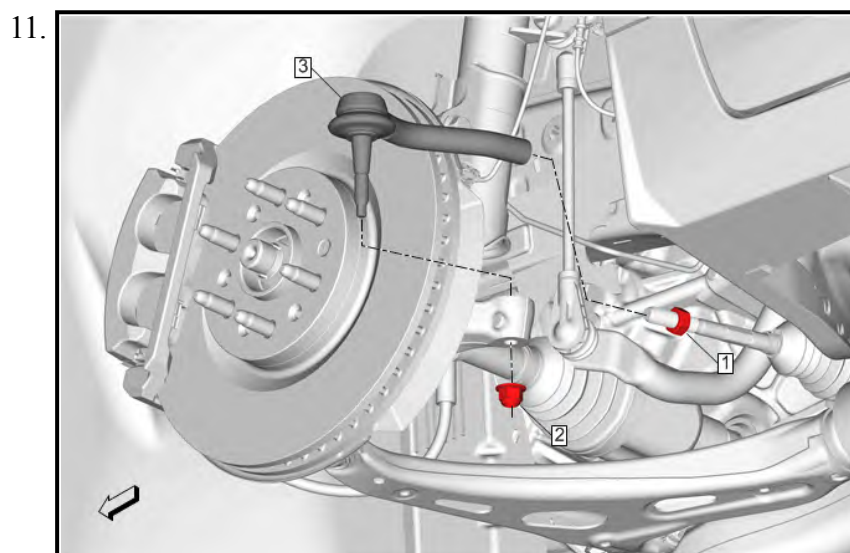
7. Front Cradle Mount Bolt Bracket Bolt (1) - Install and tighten [8x] 58 N.m (43 lb ft)
8. Remove the **EN-39580** Support Stand from under the vehicle.



Connect the electrical connector on the steering gear and connect the wiring harness clip on the steering gear housing. (1)

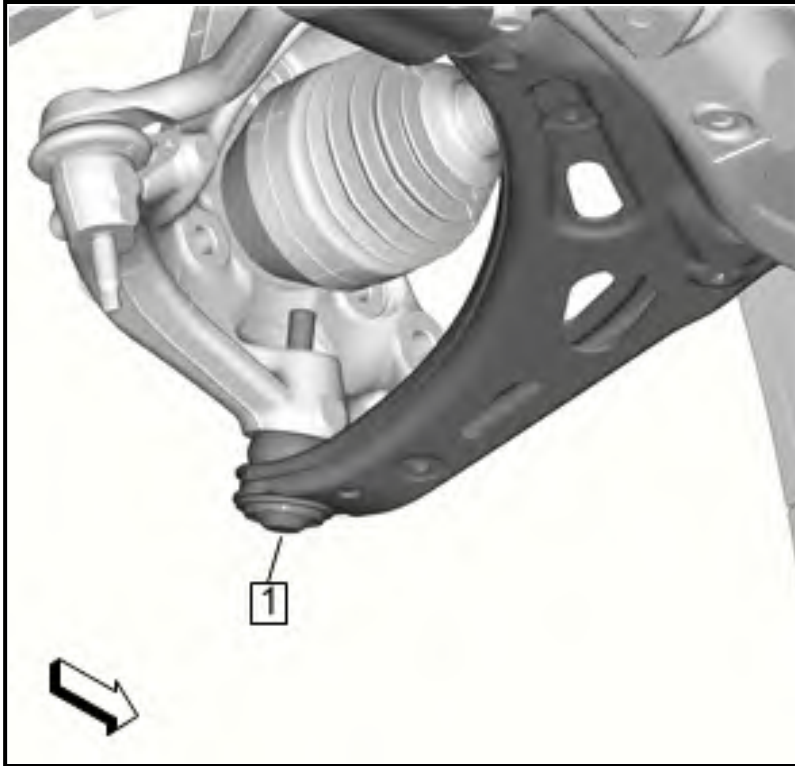


Stabilizer Shaft Link (2) @ Stabilizer Shaft - Install - [Stabilizer Shaft Link Replacement](#)



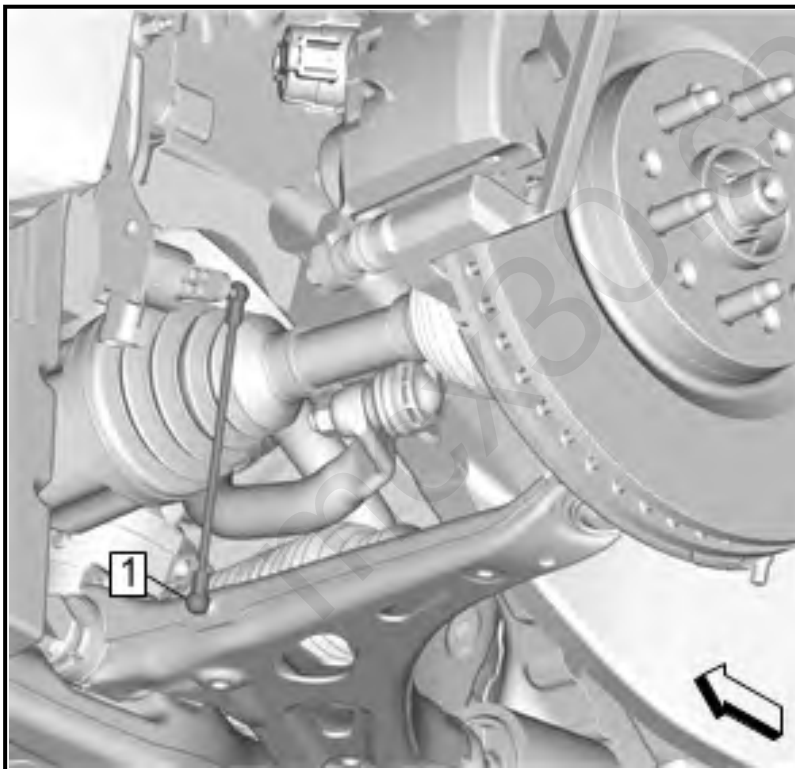
Steering Linkage Outer Tie Rod (3) @ Steering Knuckle - Install - [Steering Linkage Outer Tie Rod Replacement](#)

12.



Front Lower Control Arm (1) @ Steering Knuckle - Install - [Lower Control Arm Replacement](#)

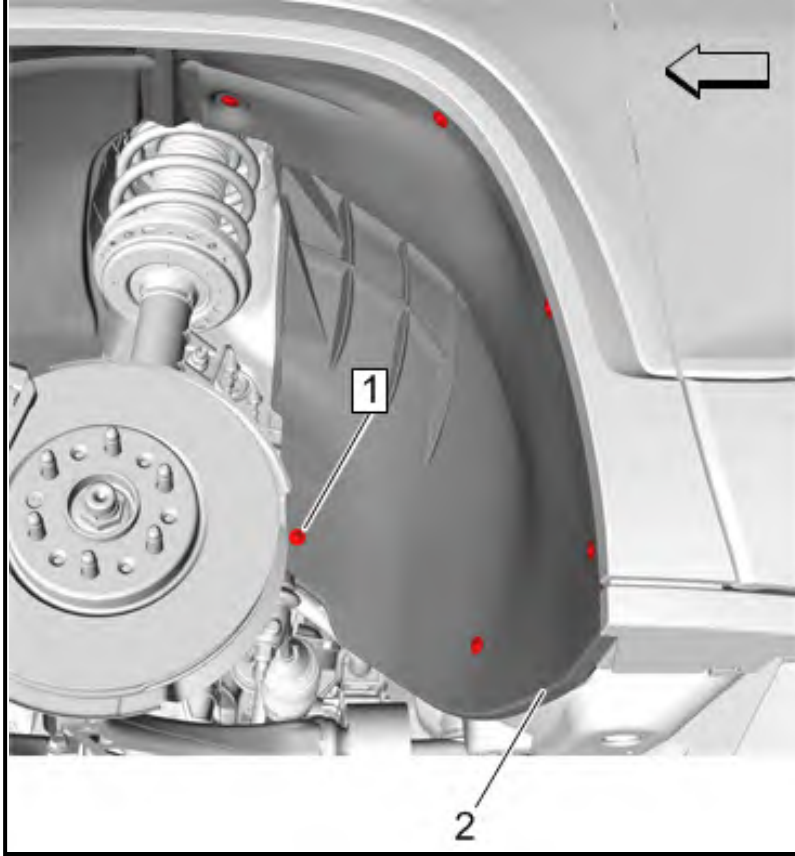
13.



{ If equipped } Front Suspension Automatic Forward Lighting Position Sensor (1) @ Front Lower Control Arm - Connect

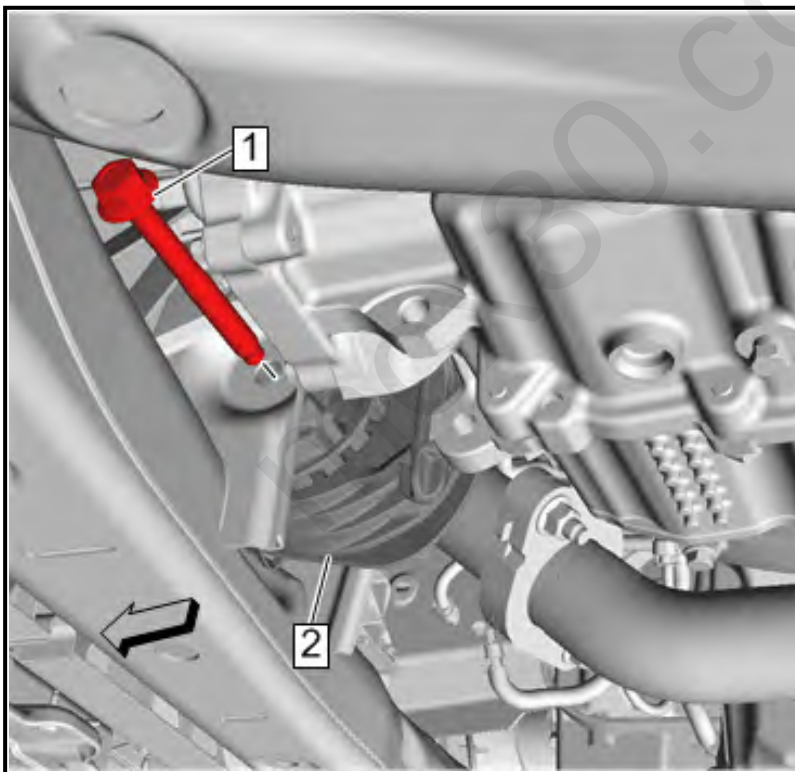
14.





Front Wheelhouse Liner (2) - Install - [Front Wheelhouse Liner Replacement](#)

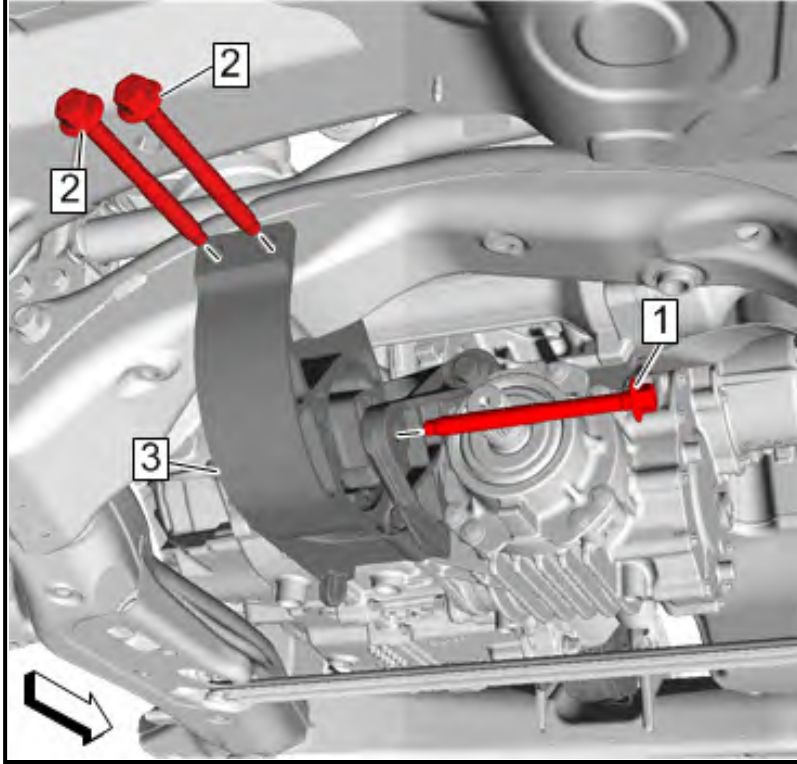
15.



Front Transmission Mount Through Bolt (1) - Install - [Transmission Front Mount Replacement](#)

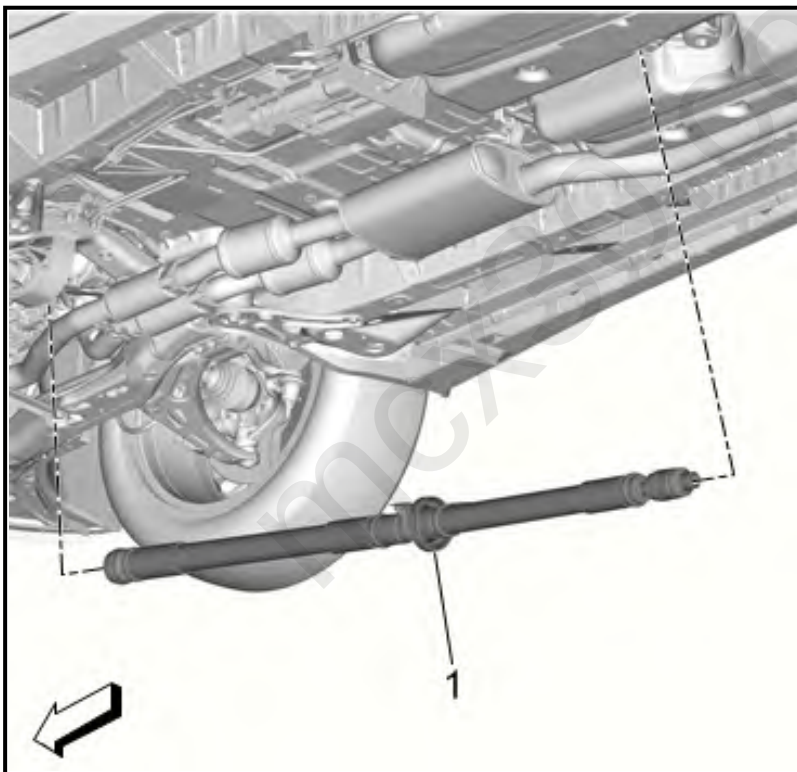
16.





Rear Transmission Mount Through Bolt (1) - Install - [Transmission Mount Strut Replacement \(All Wheel Drive\)](#).

17.



Propeller Shaft (1) - Install - [Two-Piece Propeller Shaft Replacement](#)

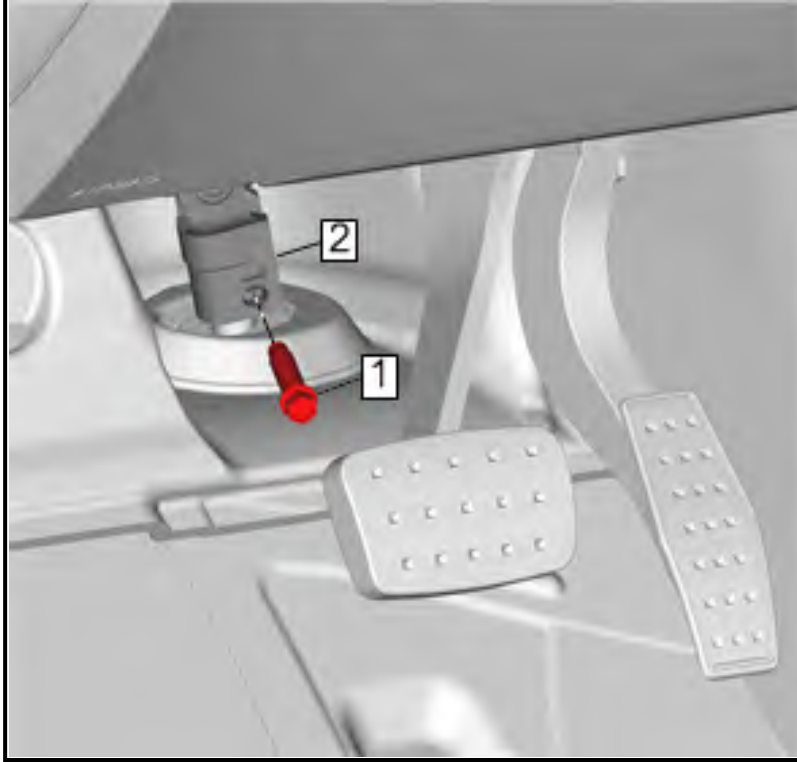
18. Exhaust Front Pipe - Install - [Exhaust Front Pipe Replacement \(LFY\)](#).

19. Install the front tires and wheels. [Tire and Wheel Removal and Installation](#)

20. Lower the vehicle.

21.





Intermediate Steering Shaft (2) @ Steering Gear - Install - [Intermediate Steering Shaft Replacement](#)

22. Remove the engine support fixture.

23. Align the vehicle only if replacing the drivetrain and front suspension cradle. [Wheel Alignment Measurement](#)

DRIVETRAIN AND FRONT SUSPENSION CRADLE REMOVAL AND INSTALLATION (FRONT WHEEL DRIVE)

Special Tools

- EN-39580 Support Stand
- EN-28467-B Engine Support Fixture
- CH-51034-A Cradle Alignment Pins

Equivalent regional tools: [Special Tools](#)

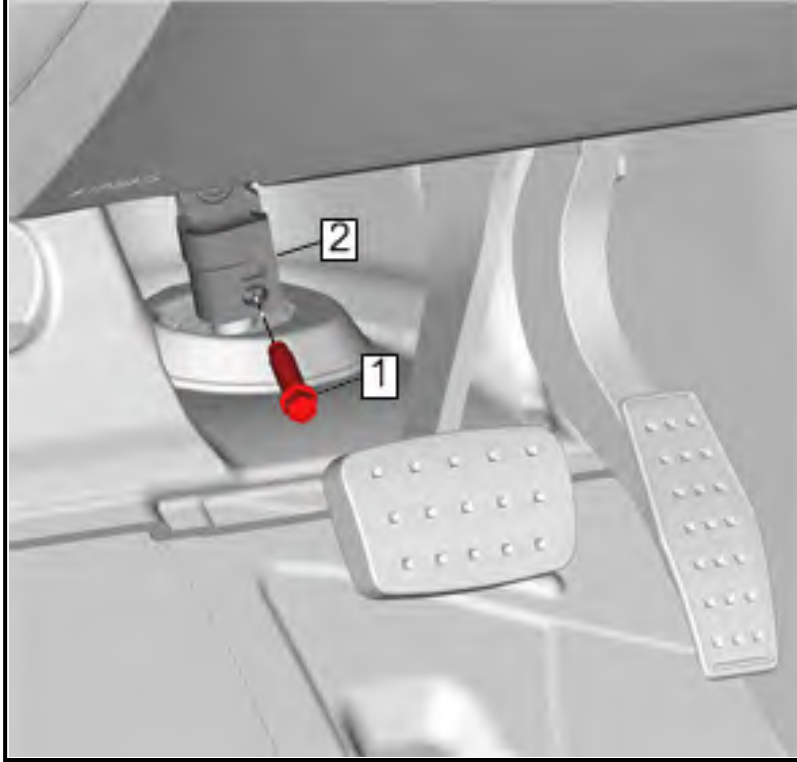
Removal Procedure

NOTE: Vehicle alignment is not required if the cradle is being lowered or dropped to perform another procedure. This vehicle is equipped with a cradle to body aligning feature: cradle to body through holes or self-aligning pins that are part of the cradle or body. Only align if replacing the cradle with a NEW part and transferring components.

1. Install the engine support fixture. [Engine Support Fixture](#)

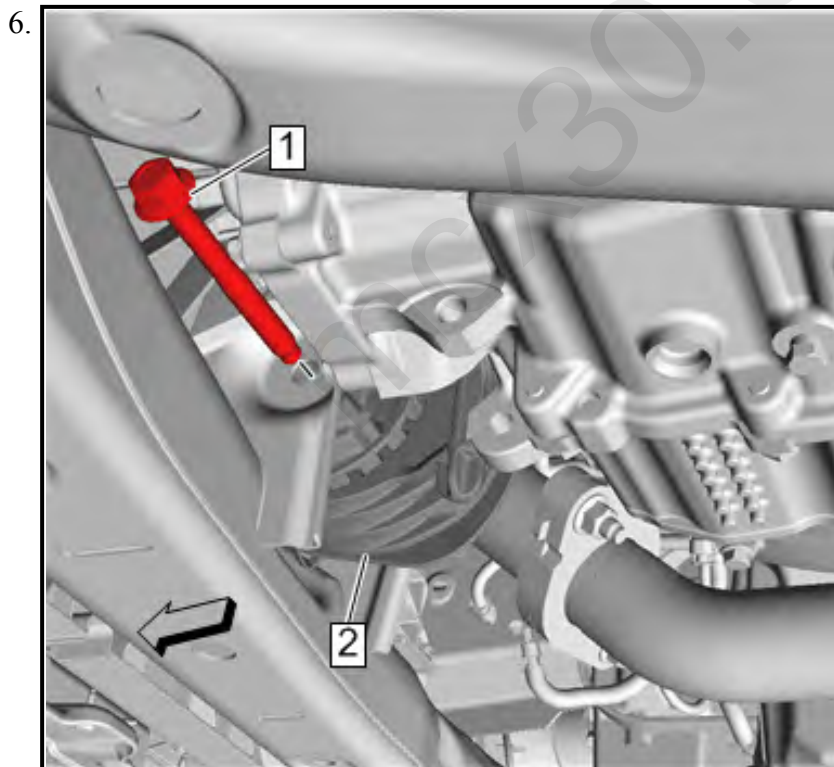
2.





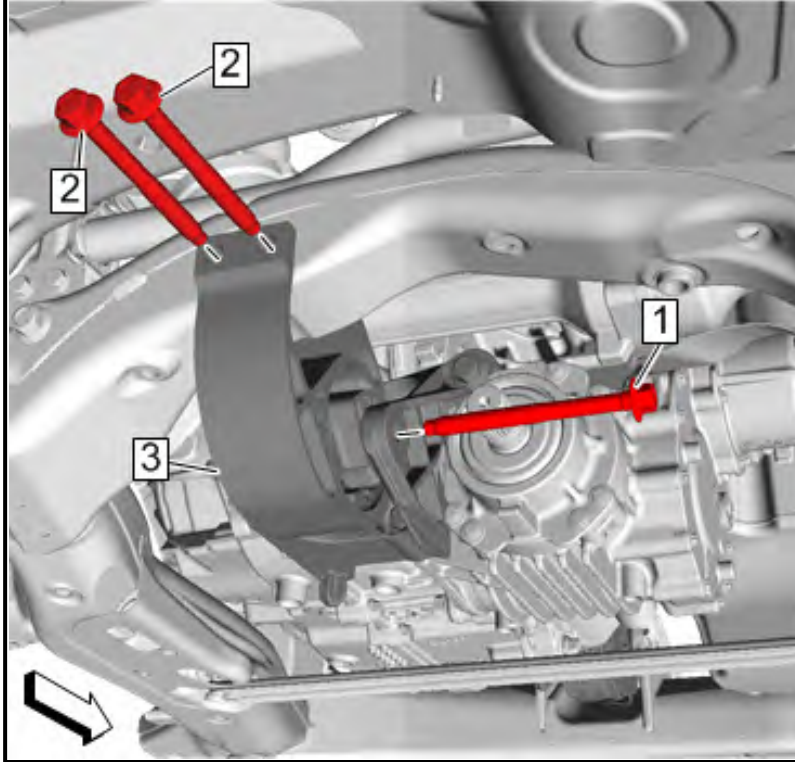
Intermediate Steering Shaft (2) @ Steering Gear - Separate - [Intermediate Steering Shaft Replacement](#)

3. Raise and support the vehicle. [Lifting and Jacking the Vehicle](#)
4. Remove the front wheels. [Tire and Wheel Removal and Installation](#)
5. Exhaust Front Pipe - Remove - [Exhaust Front Pipe Replacement \(LTG\)](#) [Exhaust Front Pipe Replacement \(LFY\)](#)

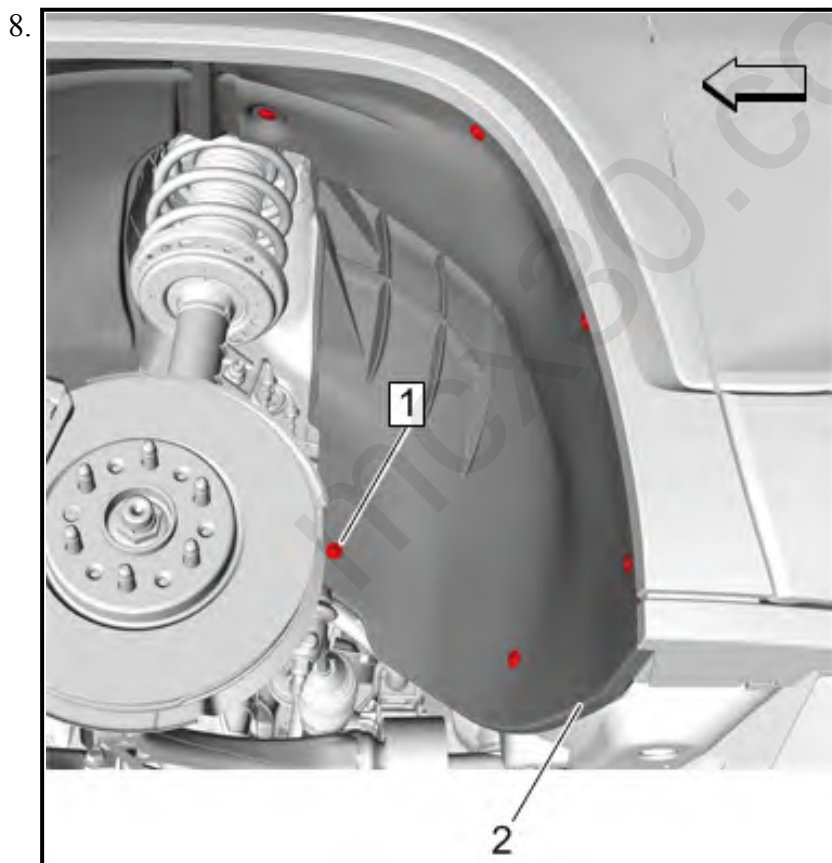


Front Transmission Mount Through Bolt (1) - Remove - [Transmission Front Mount Replacement](#)



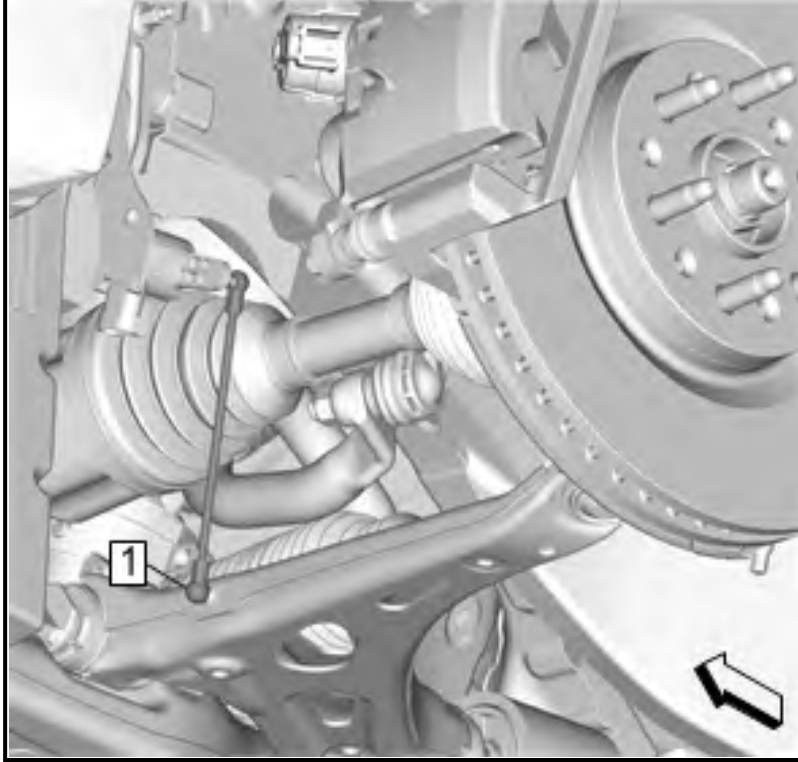


Rear Transmission Mount Through Bolt (1) - Remove - [Transmission Mount Strut Replacement \(Front Wheel Drive\)](#)



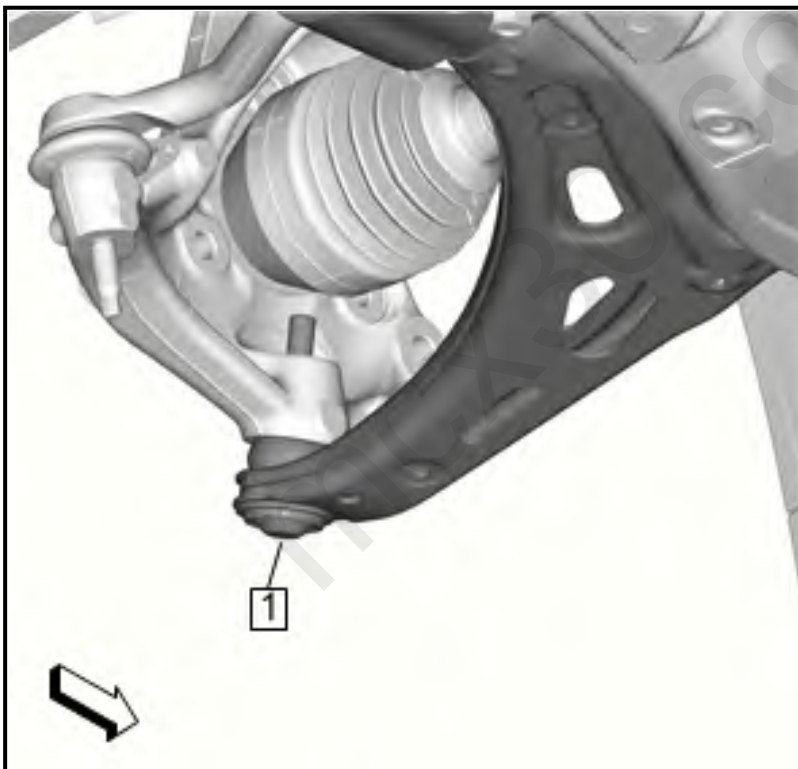
Front Wheelhouse Liner (2) - Remove - [Front Wheelhouse Liner Replacement](#)





{ If equipped } Front Suspension Automatic Forward Lighting Position Sensor (1) @ Front Lower Control Arm - Separate

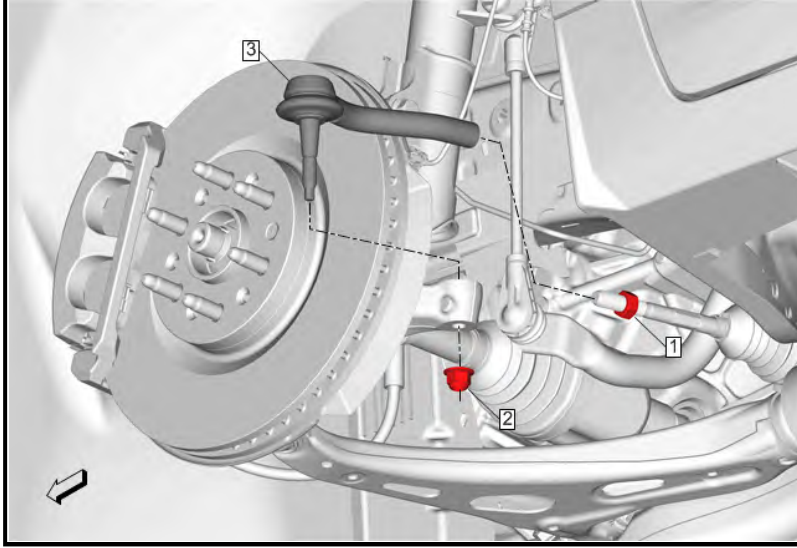
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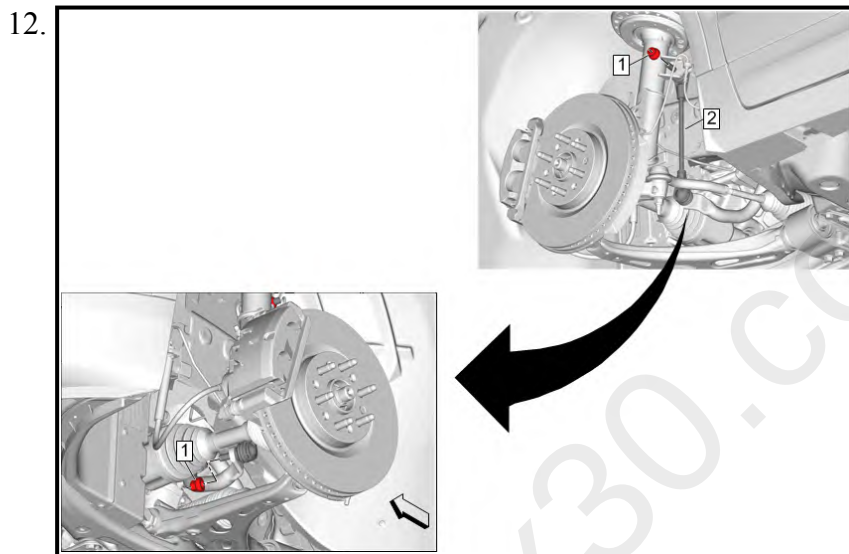
Front Lower Control Arm (1) @ Steering Knuckle - Separate - [Lower Control Arm Replacement](#)

11.

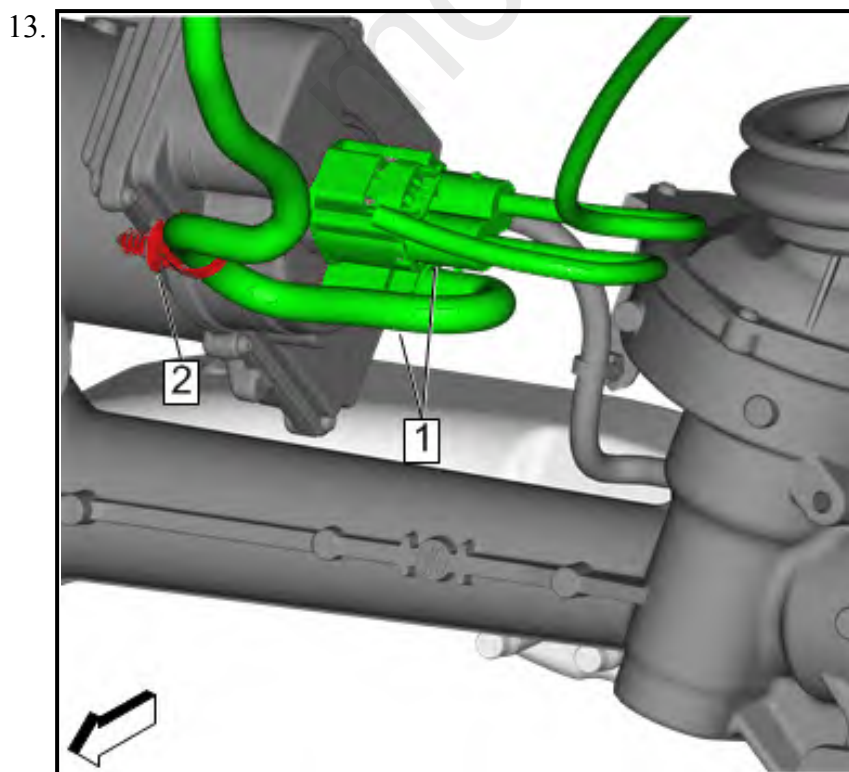




Steering Linkage Outer Tie Rod (3) @ Steering Knuckle - Separate - [Steering Linkage Outer Tie Rod Replacement](#)



Stabilizer Shaft Link (2) @ Stabilizer Shaft - Separate - [Stabilizer Shaft Link Replacement](#)

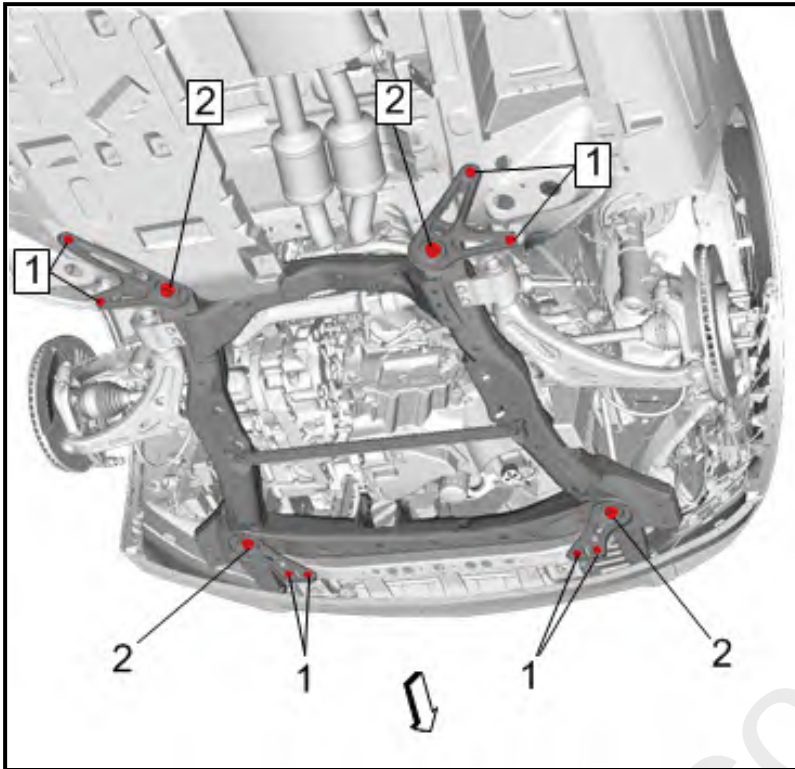


CAUTION: Always disconnect the steering gear electrical connectors before removal of the drivetrain and front suspension cradle. Failure to disconnect the

electrical connectors at the steering gear will result in damage to the steering gear.

Disconnect the electrical connector on the steering gear and disconnect the wiring harness clip from the steering gear housing. (1)

14.



Install **EN-39580** Support Stand under the drivetrain and front suspension cradle.

15. Lower the vehicle until the drivetrain and front suspension frame is resting lightly on the jackstands.

16. Front Cradle Mount Bolt Bracket Bolt (1) - Remove [8x]

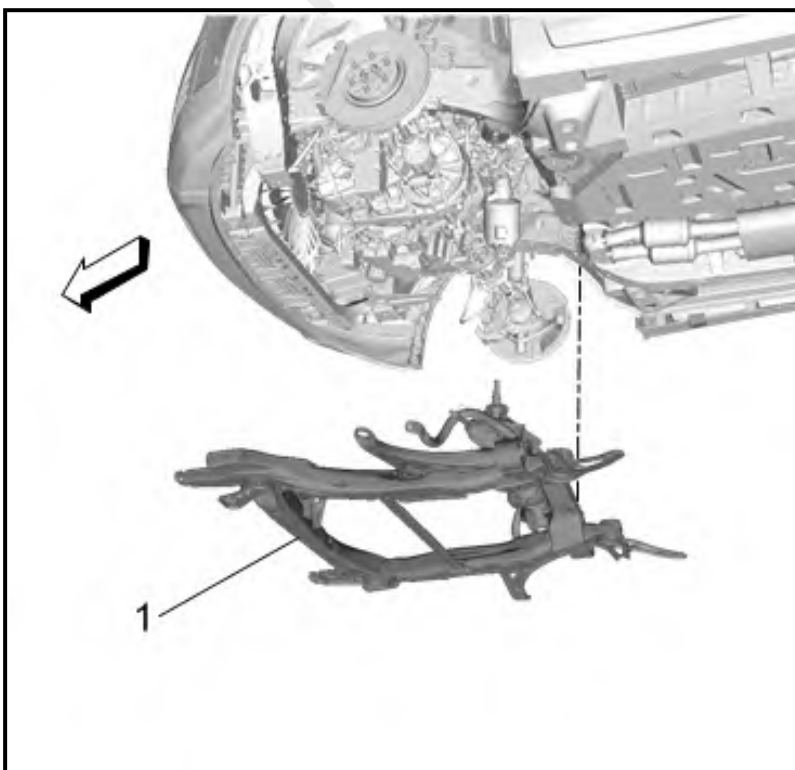
17. Drivetrain and Front Suspension Cradle Bolt (2) - Remove and DISCARD the bolts. [4x]

18. With the aid of an assistant, carefully raise the body from the frame.

19. Ensure when raising the body the following items are clear from the frame:

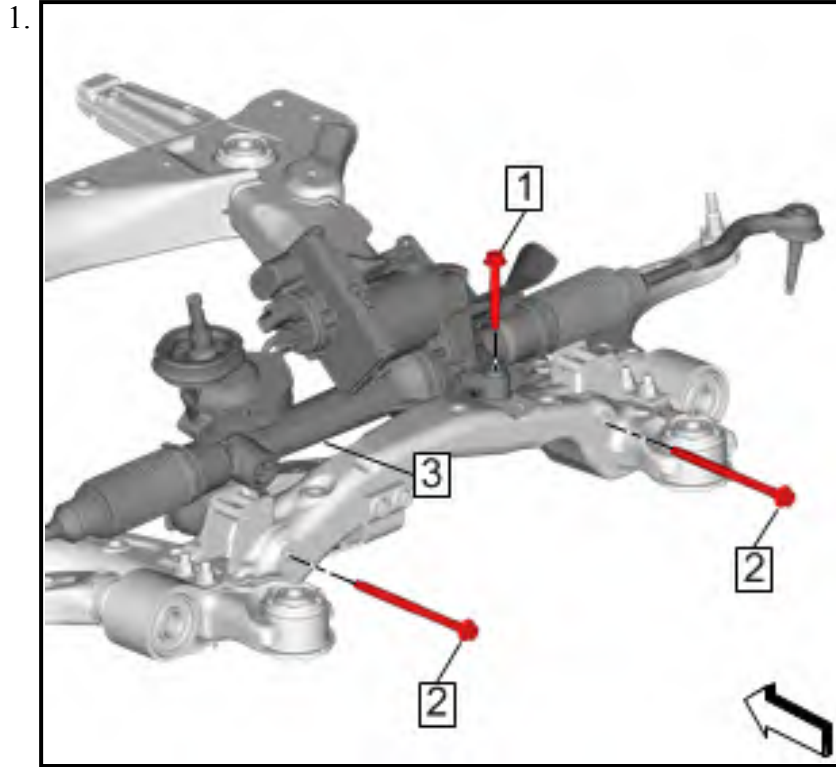
- Vacuum lines
- Steering knuckles
- Electrical wiring harnesses

20.

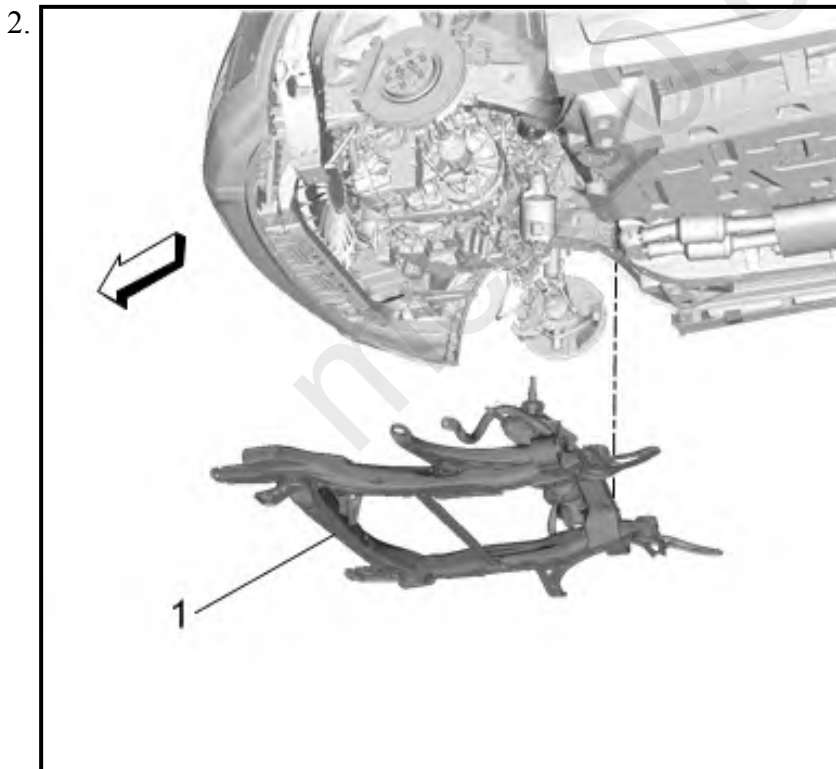


Remove the drivetrain and front suspension frame. (1)

Installation Procedure



Electric Belt Drive Rack and Pinion Steering Gear (3) - Install - [Electric Belt Drive Rack and Pinion Steering Gear Replacement](#)

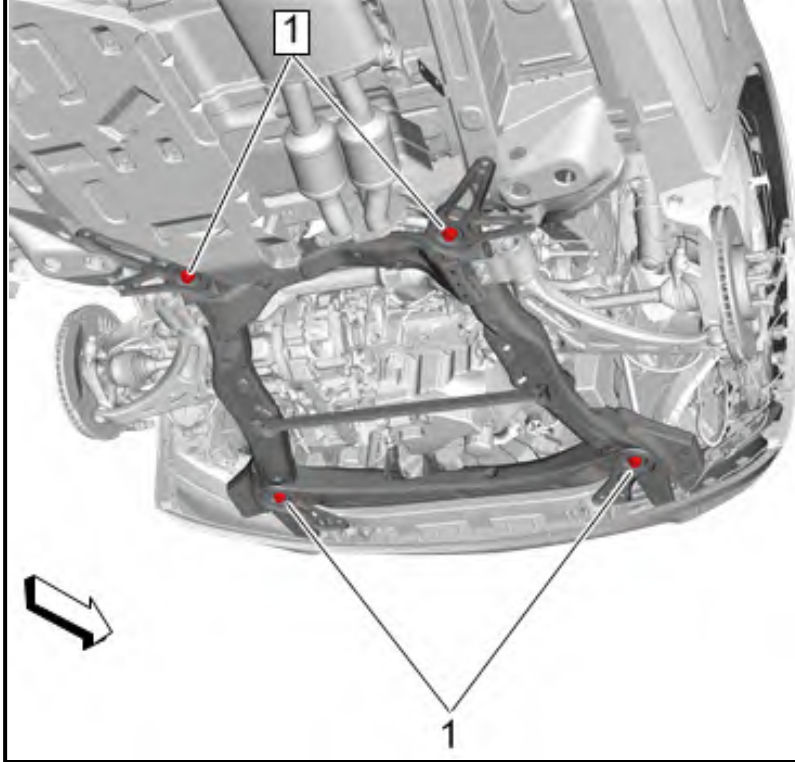


With the aid of an assistant, carefully lower the body to the frame. (1)

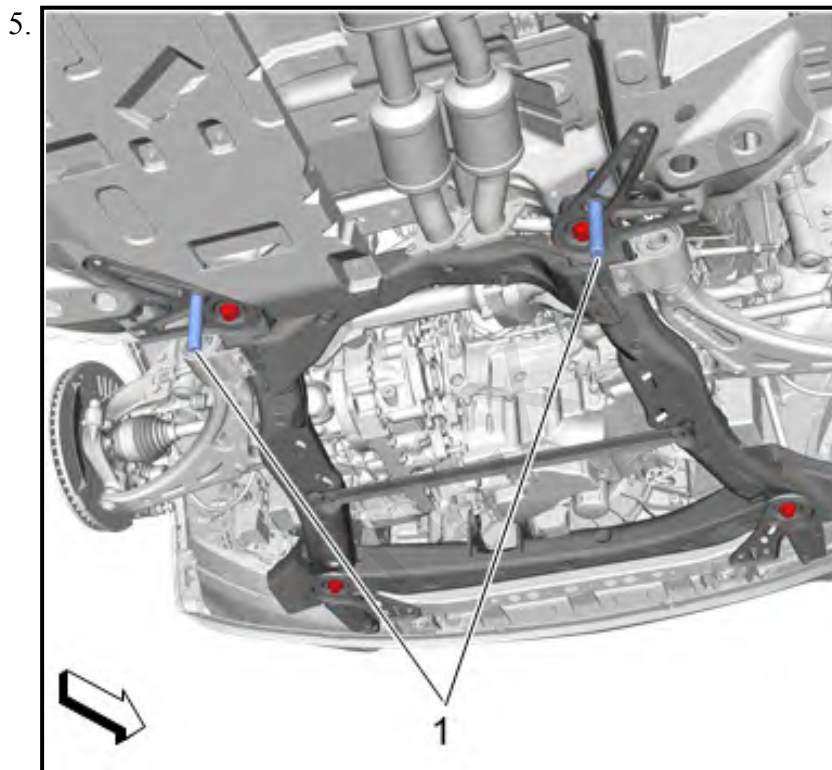
3. Ensure the following components are clear from the frame:

- Vacuum lines
- Steering knuckles
- Electrical wiring harnesses



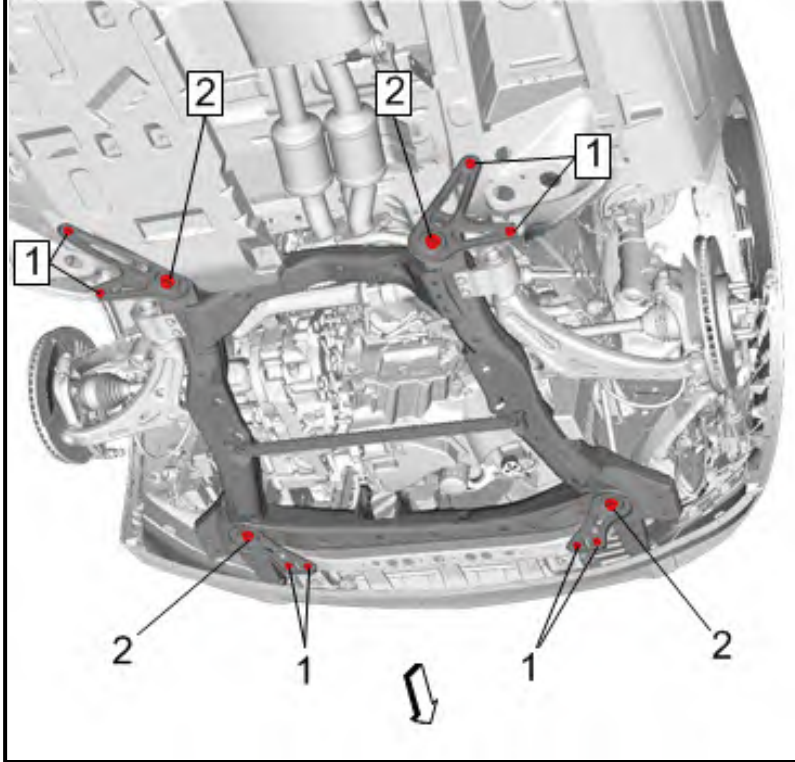


Drivetrain and Front Suspension Cradle Bolt (1) - Hand tighten [4x]



Use the **CH-51034-A** Cradle Alignment Pins (1), to align the cradle to the body.





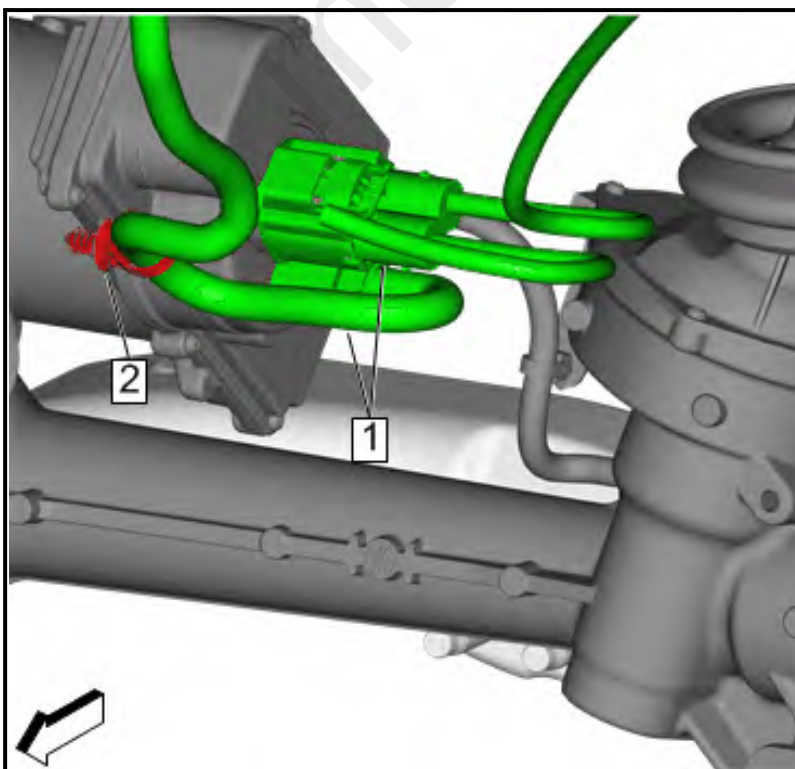
CAUTION: This vehicle is equipped with torque-to-yield or single use fasteners. Install a NEW torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component.

Drivetrain and Front Suspension Cradle Bolt (2) - Tighten the NEW bolt [4x]

1. First Pass: 160 N.m (118 lb ft)
2. Final Pass: (60 - 75 degrees)

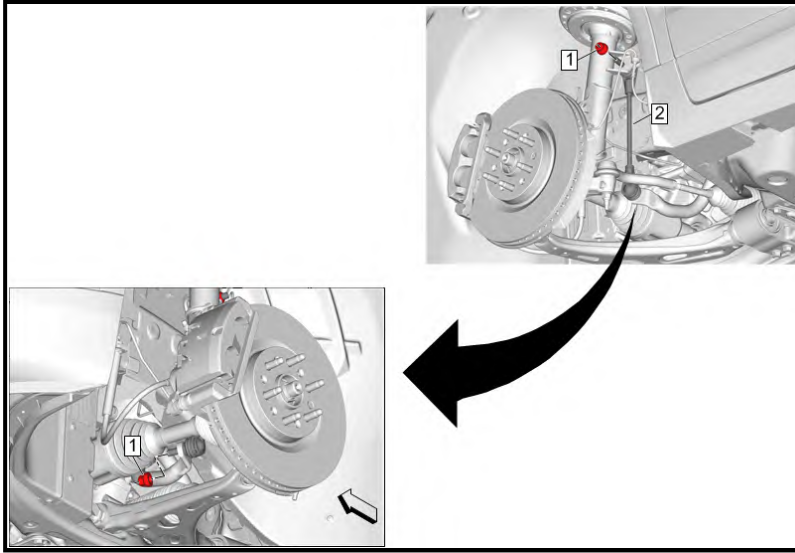
CAUTION: Refer to [Fastener Caution](#)

7. Front Cradle Mount Bolt Bracket Bolt (1) - Install and tighten [8x] 58 N.m (43 lb ft)
8. Remove the EN-39580 Support Stand from under the vehicle.
- 9.



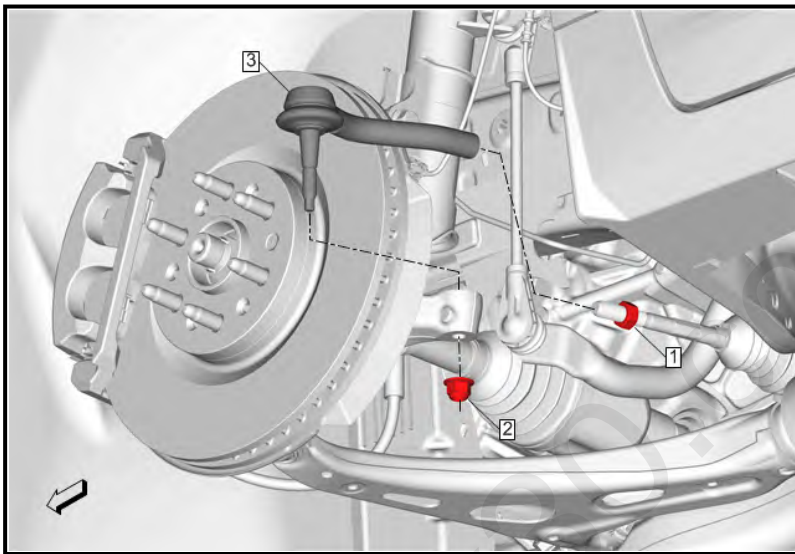
Connect the electrical connector on the steering gear and connect the wiring harness clip on the steering gear housing. (1)

10.



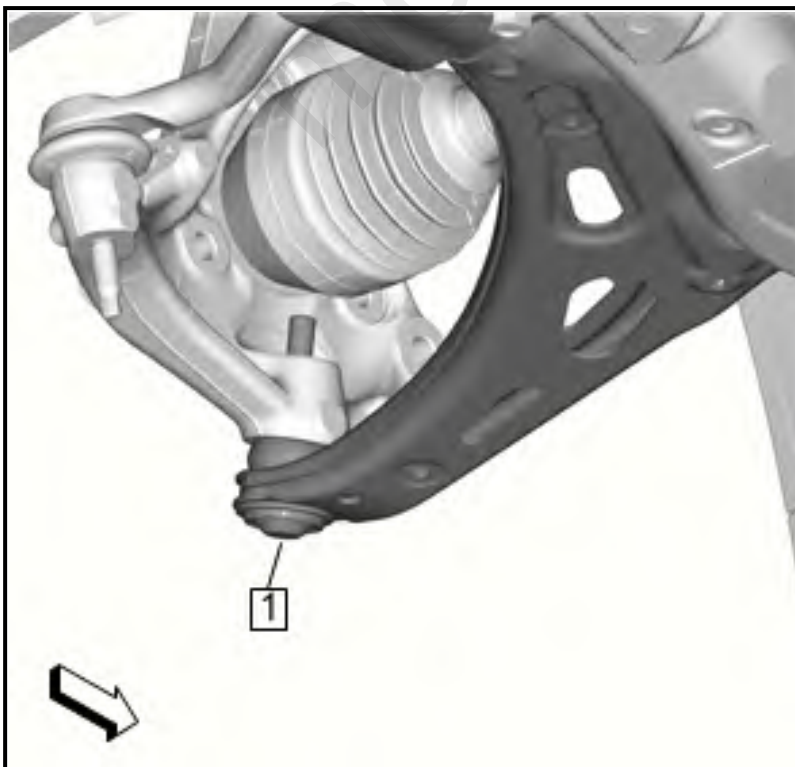
Stabilizer Shaft Link (2) @ Stabilizer Shaft - Install - [Stabilizer Shaft Link Replacement](#)

11.



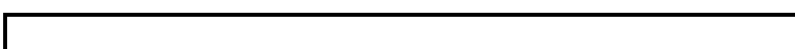
Steering Linkage Outer Tie Rod (3) @ Steering Knuckle - Install - [Steering Linkage Outer Tie Rod Replacement](#)

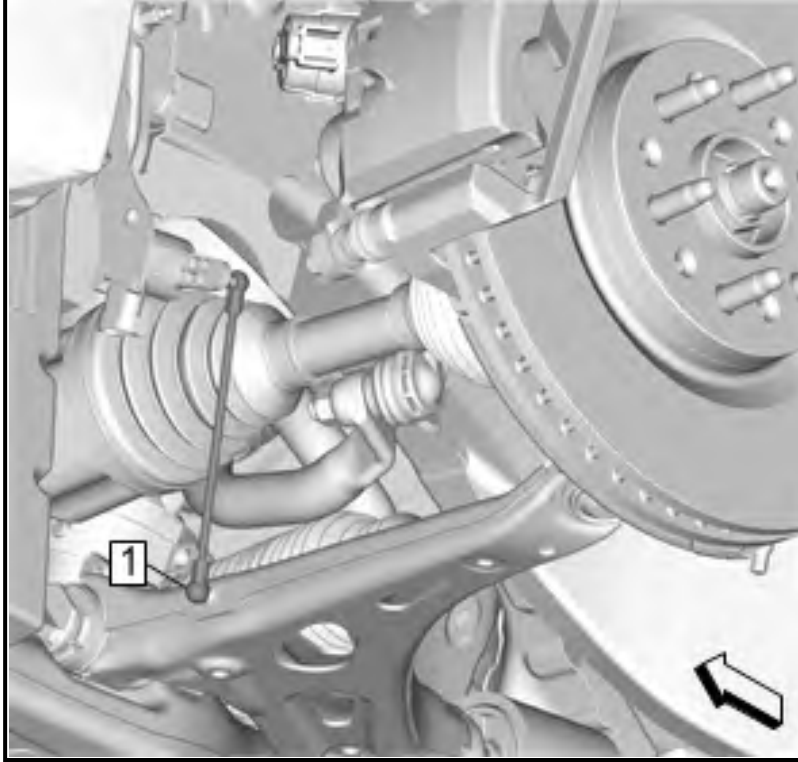
12.



Front Lower Control Arm (1) @ Steering Knuckle - Install - [Lower Control Arm Replacement](#)

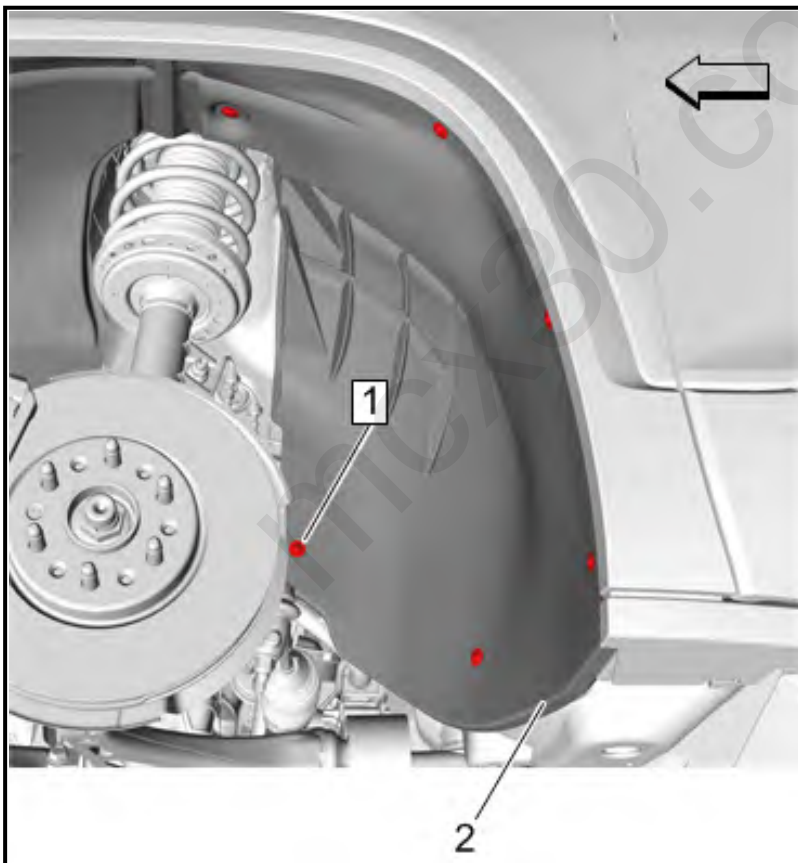
13.





{ If equipped } Front Suspension Automatic Forward Lighting Position Sensor (1) @ Front Lower Control Arm - Connect

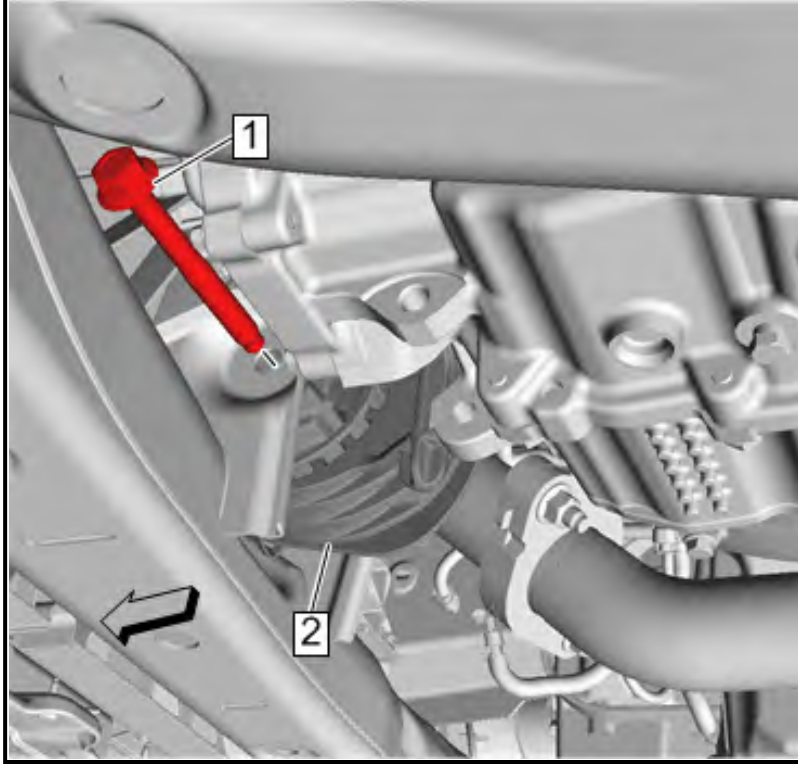
14.



Front Wheelhouse Liner (2) - Install - [Front Wheelhouse Liner Replacement](#)

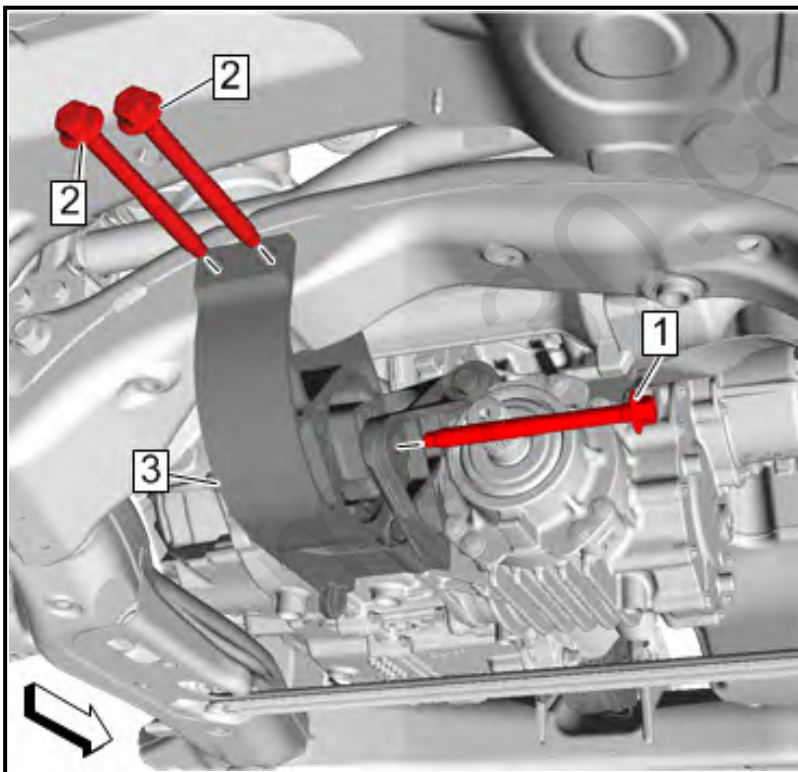
15.





Front Transmission Mount Through Bolt (1) - Install - [Transmission Front Mount Replacement](#)

16.



Rear Transmission Mount Through Bolt (1) - Install - [Transmission Mount Strut Replacement \(Front Wheel Drive\)](#)

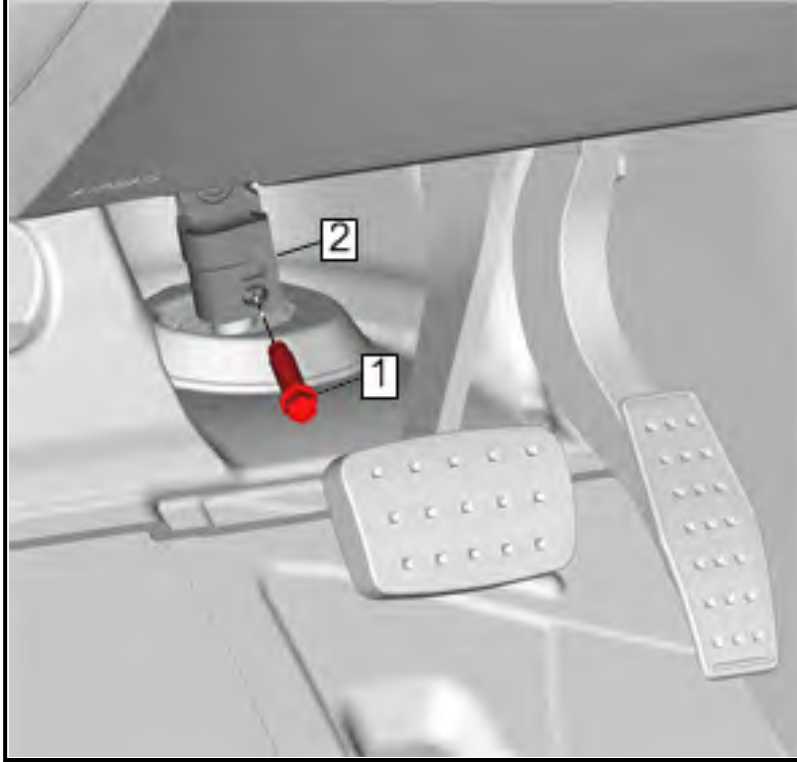
17. Exhaust Front Pipe - Install - [Exhaust Front Pipe Replacement \(LTG\)](#), [Exhaust Front Pipe Replacement \(LFY\)](#).

18. Install the front tires and wheels. [Tire and Wheel Removal and Installation](#)

19. Lower the vehicle.

20.

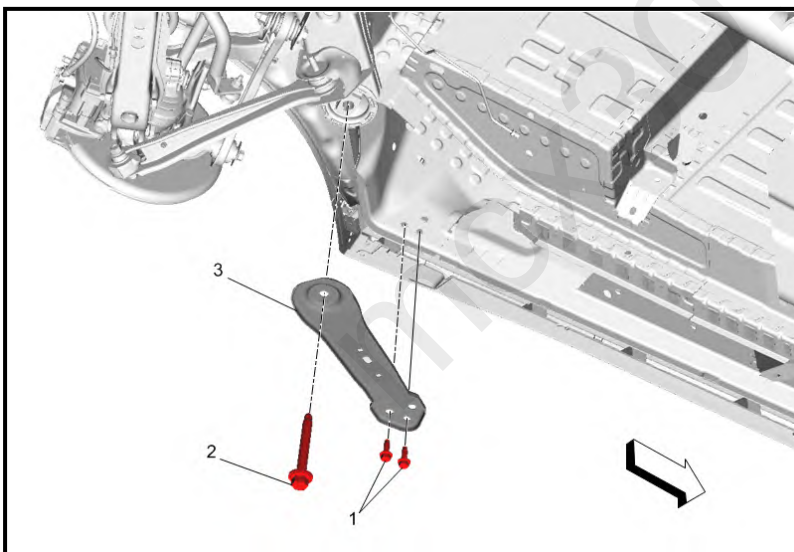




Intermediate Steering Shaft (2) @ Steering Gear - Install - [Intermediate Steering Shaft Replacement](#)

21. Remove the engine support fixture.
22. Align the vehicle only if replacing the drivetrain and front suspension cradle. [Wheel Alignment Measurement](#)

REAR CRADLE MOUNT BOLT BRACKET REPLACEMENT



Callout	Component Name
Preliminary Procedure	
1. Rear Tire Front Air Deflector Replacement 2. Rear Wheelhouse Liner Replacement 3. Support the rear cradle with a suitable jack.	

Callout	Component Name
1	Rear Cradle Mount Bolt Bracket Bolt [2X] CAUTION: Refer to Fastener Caution Tighten 58 N.m (43 lb ft)
2	Rear Suspension Cradle Bolt CAUTION: This vehicle is equipped with torque-to-yield or single use fasteners. Install a NEW torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component. NOTE: Replace with a NEW bolt. Tighten First Pass: 160 N.m 118 lb ft) Final Pass: (60 - 75 degrees)
3	Rear Cradle Mount Bolt Bracket

REAR SUSPENSION CRADLE REPLACEMENT (ALL WHEEL DRIVE)

Special Tools

- EN-39580 Support Stand
- CH-51034 - A Cradle Alignment Pins

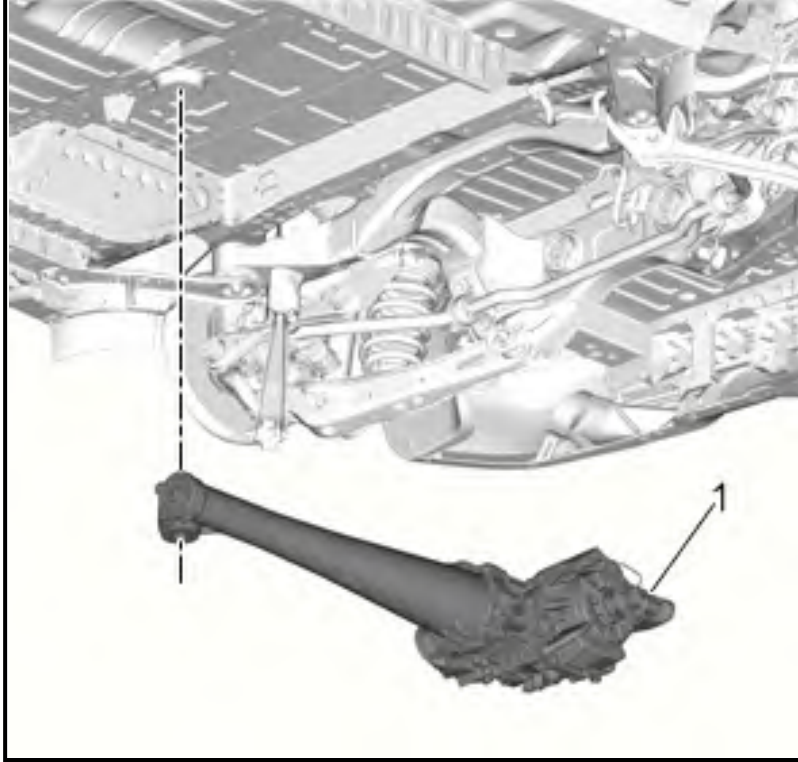
Equivalent regional tools: [Special Tools](#)

Removal Procedure

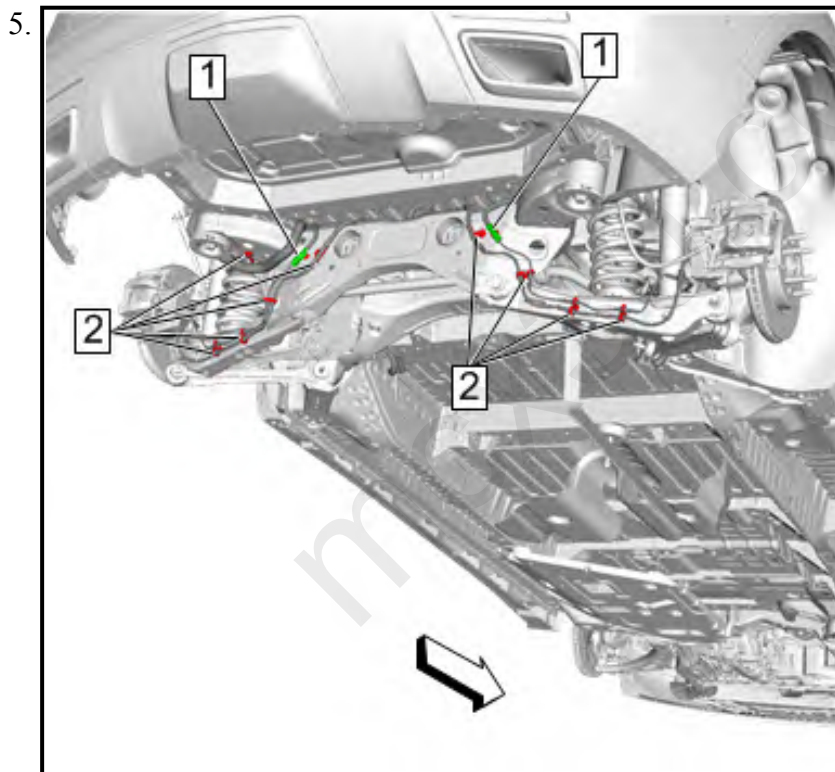
NOTE: Vehicle alignment is not required if cradle is being lowered or dropped to perform another procedure. This vehicle is equipped with a cradle to body aligning feature: cradle to body through holes or self-aligning pins that are part of cradle or body. Only align if replacing the cradle with new part and transferring components.

1. Raise and support the vehicle. [Lifting and Jacking the Vehicle](#)
2. Exhaust Muffler Assembly - Remove - [Exhaust Muffler Replacement \(LFY\)](#).
3. Remove the rear wheels. [Tire and Wheel Removal and Installation](#)





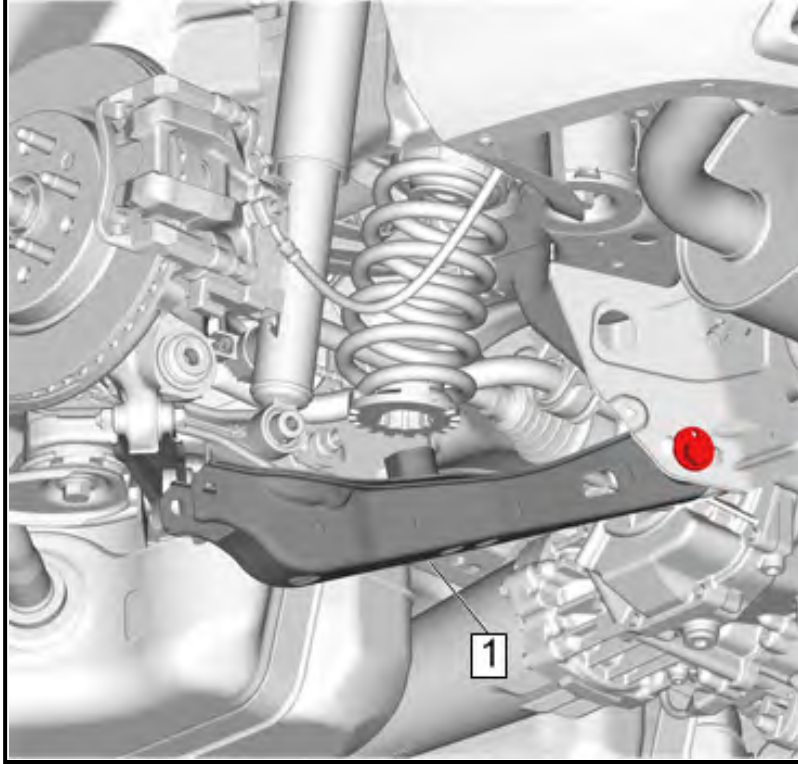
Differential Carrier Assembly (1) - Remove - [Differential Carrier Assembly Replacement](#)



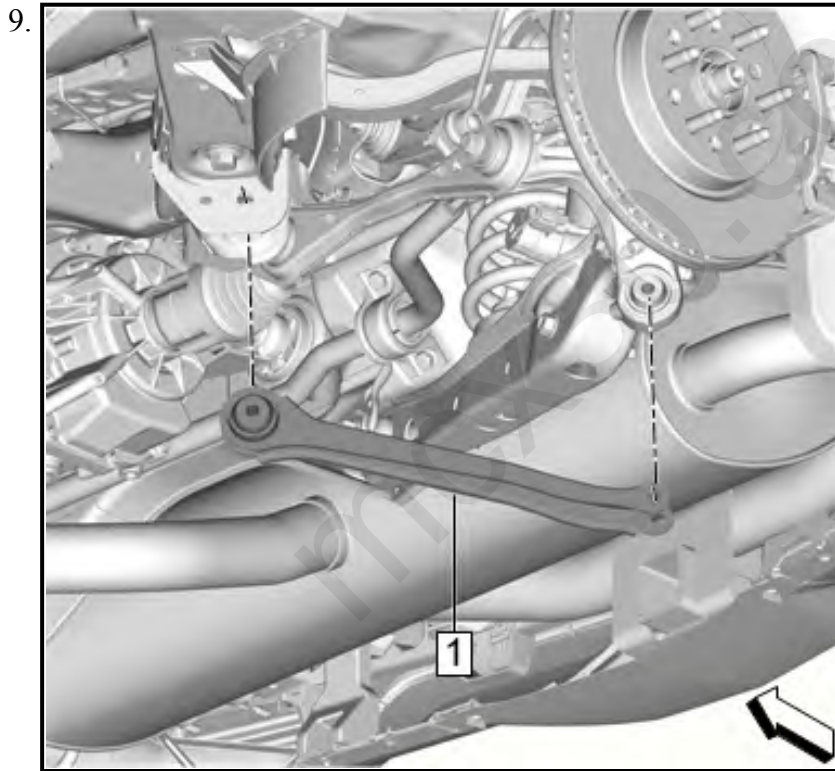
Electrical Connector (1) - Disconnect [2X]

6. Release the retainers. (2)
7. Using mechanics wire, support the rear suspension knuckle assembly.



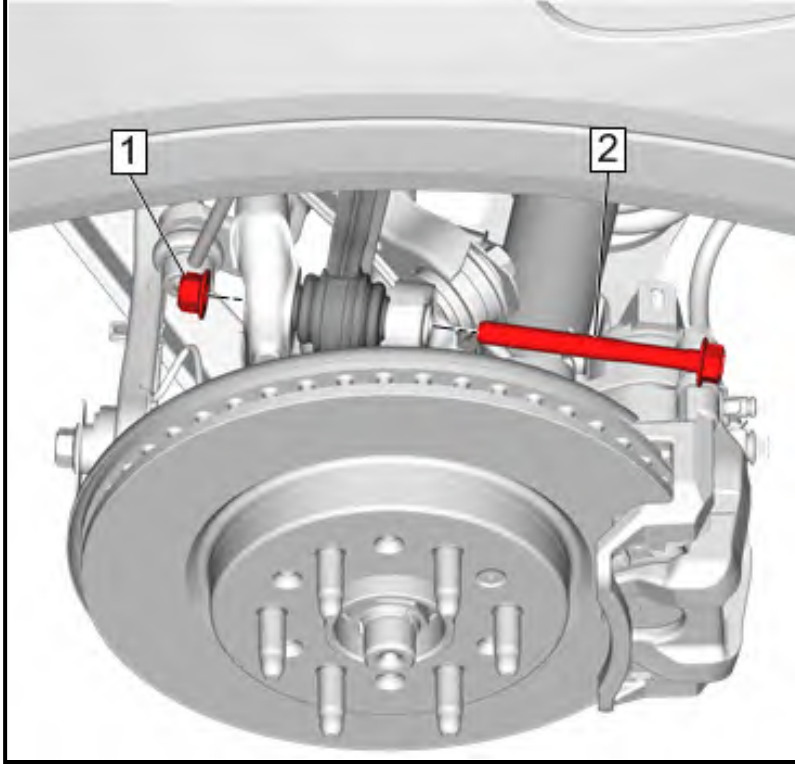


Rear Suspension Lower Control Arm (1) @ Rear Knuckle - Separate - [Lower Control Arm Replacement](#)



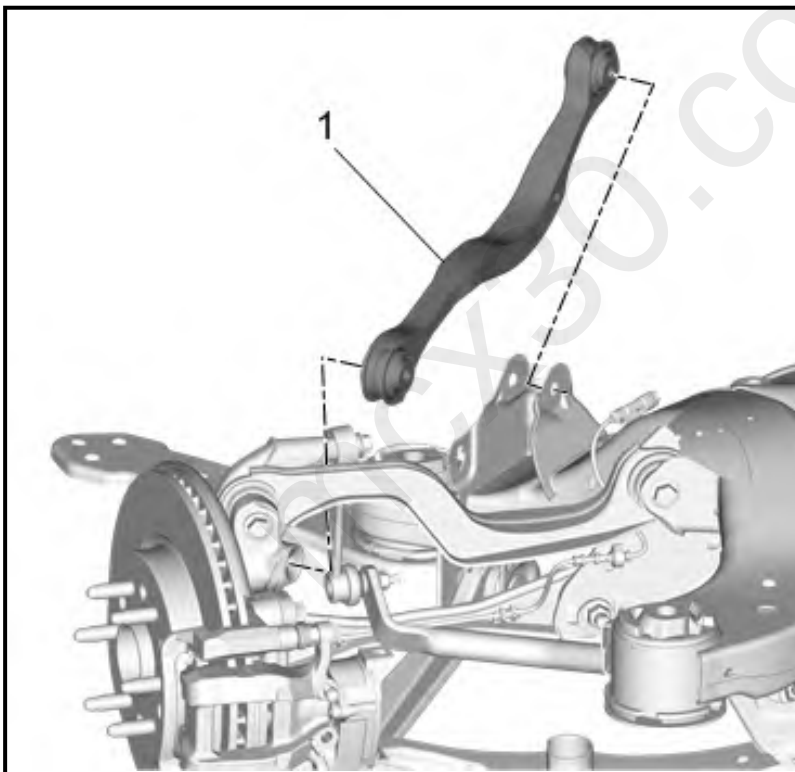
Rear Suspension Lower Trailing Link (1) @ Rear Knuckle - Separate - [Rear Suspension Lower Trailing Link Replacement](#)





Rear Suspension Upper Lateral Link @ Rear Knuckle - Separate - [Rear Suspension Upper Lateral Link Replacement](#)

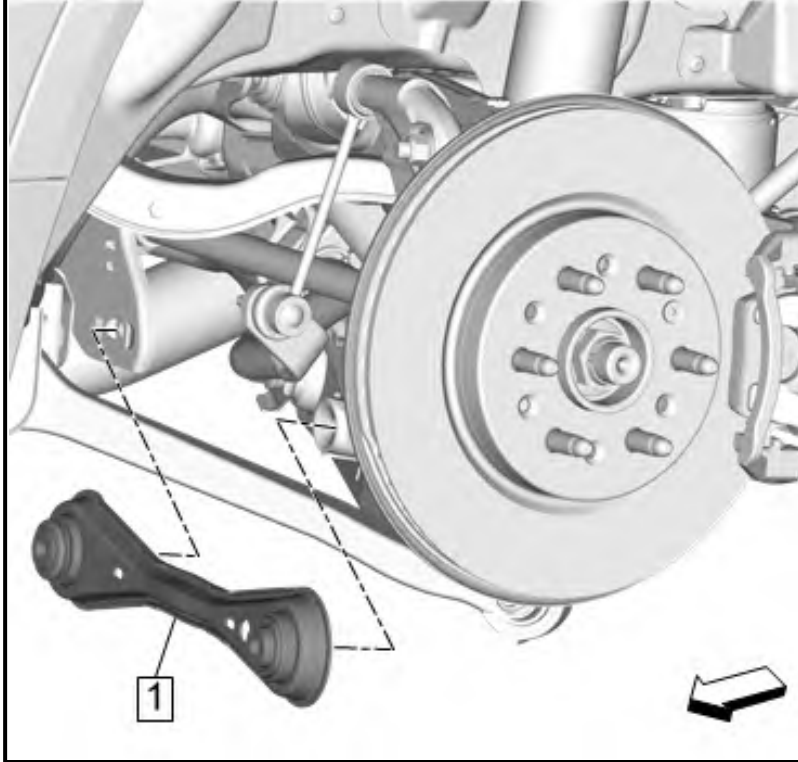
11.



Rear Suspension Upper Trailing Link (1) @ Rear Knuckle - Separate - [Rear Suspension Upper Trailing Link Replacement](#)

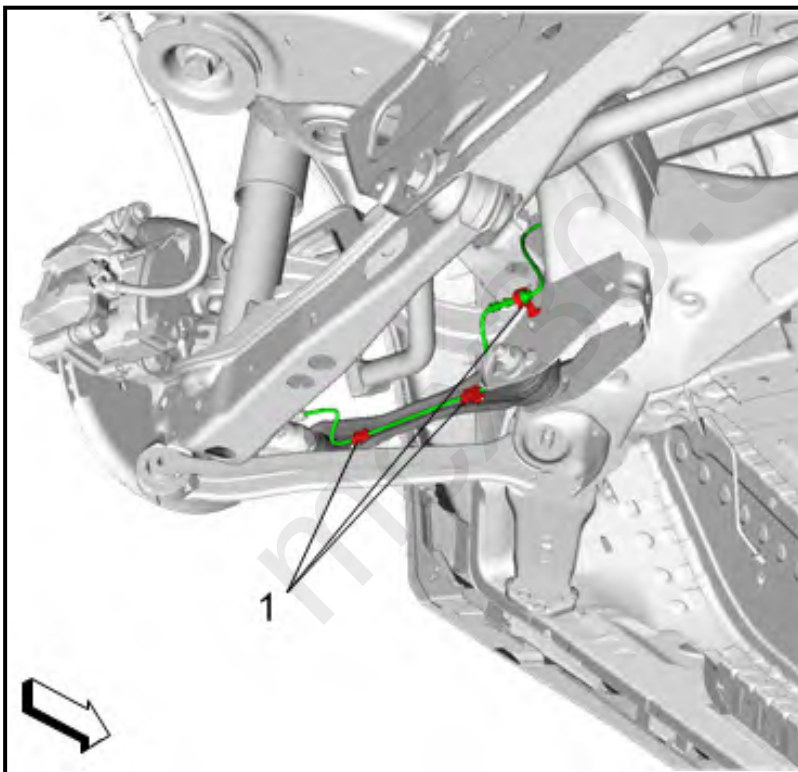
12.





Rear Suspension Adjust Link (1) @ Rear Knuckle - Separate - [Adjust Link Replacement](#)

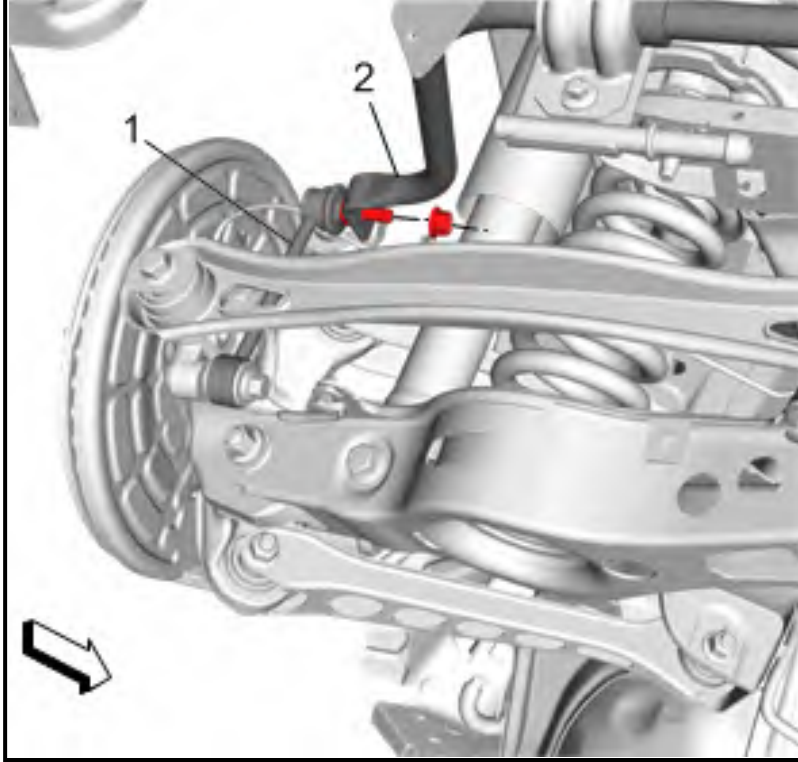
13.



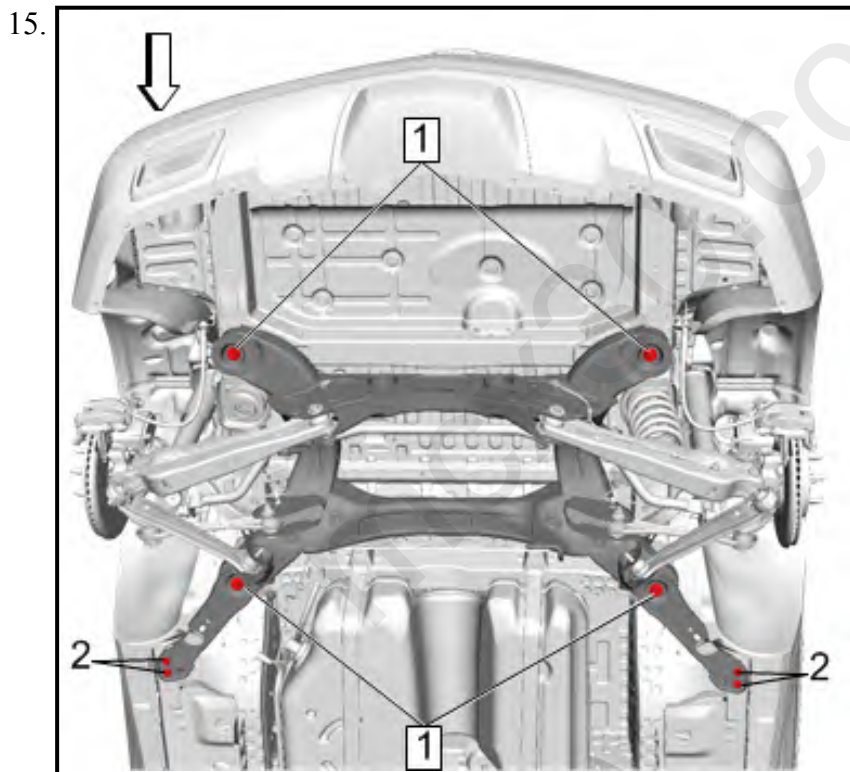
Release the wheel speed sensor harness retainers from the rear suspension cradle and adjust link. (1)

14.





Stabilizer Shaft Link (1) @ Stabilizer Shaft - Separate - [Stabilizer Shaft Link Replacement](#)

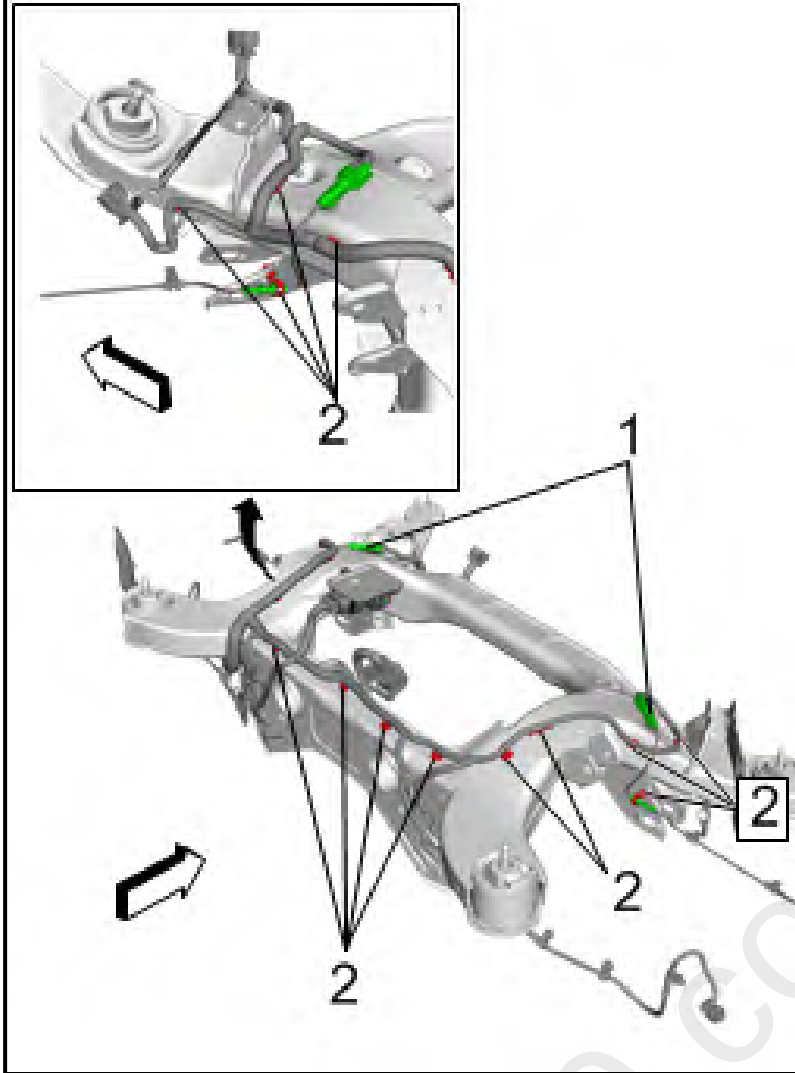


Using the **EN-39580** Support Stand support the rear suspension cradle.

16. Rear Suspension Cradle Bolt (1) - Remove and DISCARD [4x]

17. Rear Cradle Mount Bolt Bracket Bolt (2) - Remove [4x]



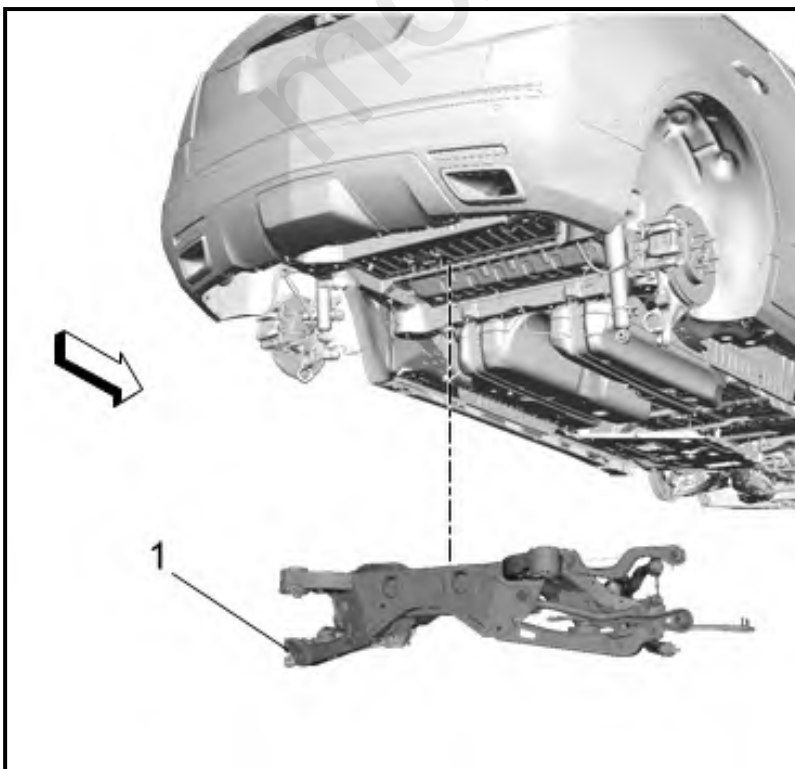


Carefully lower the rear suspension cradle to access the rear wheel speed sensor connectors (1) and the chassis harness retainers (2).

19. Electrical Connector (1) - Disconnect [2X]

20. Release the retainers. (2)

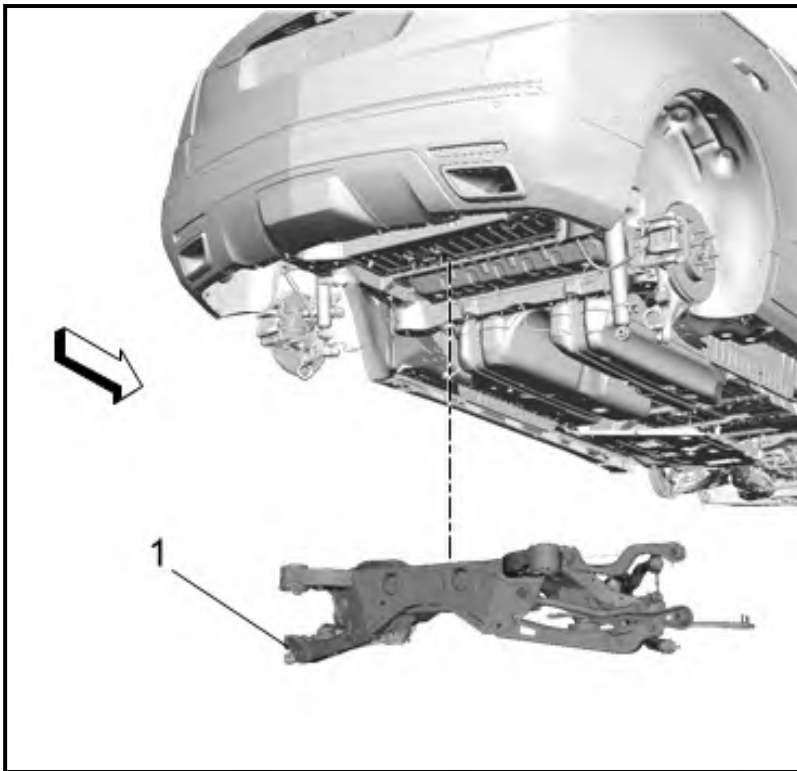
21.



Rear Suspension Cradle (1) - Remove

22. If replacing the rear suspension cradle, transfer parts as necessary.

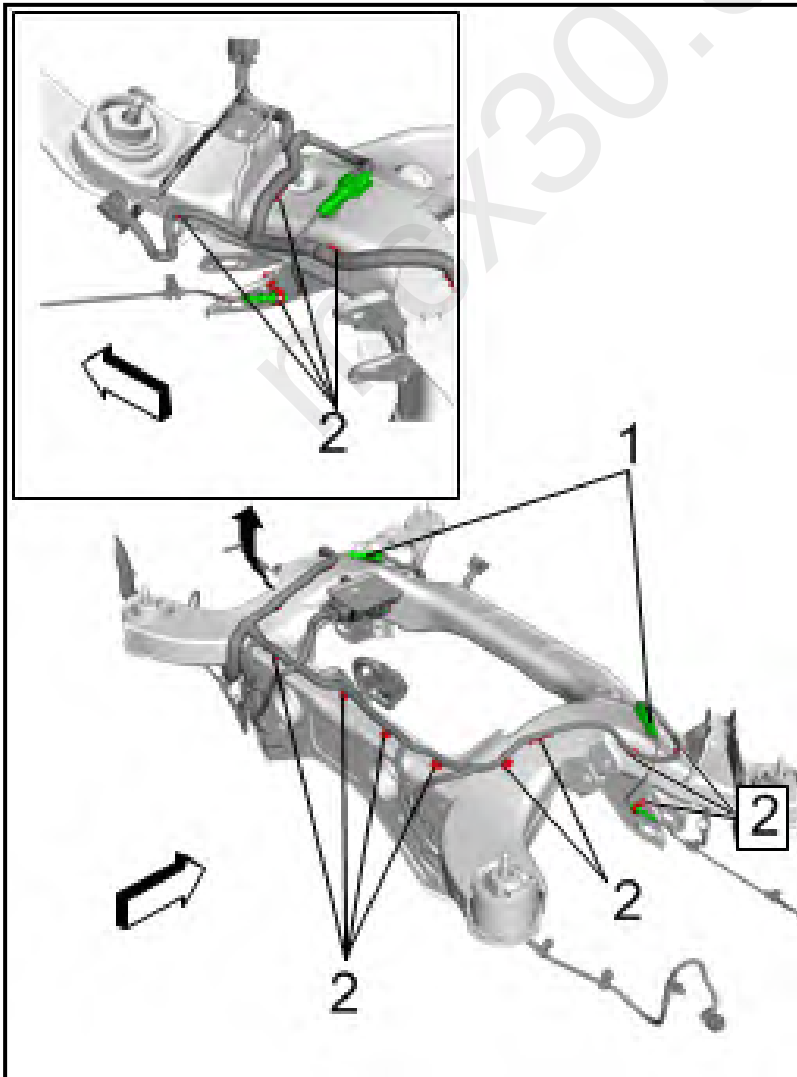
1.



NOTE: Ensure that the rear suspension cradle is securely attached to the hydraulic jack stand

Using the **EN-39580** Support Stand install the rear suspension cradle into position. (1)

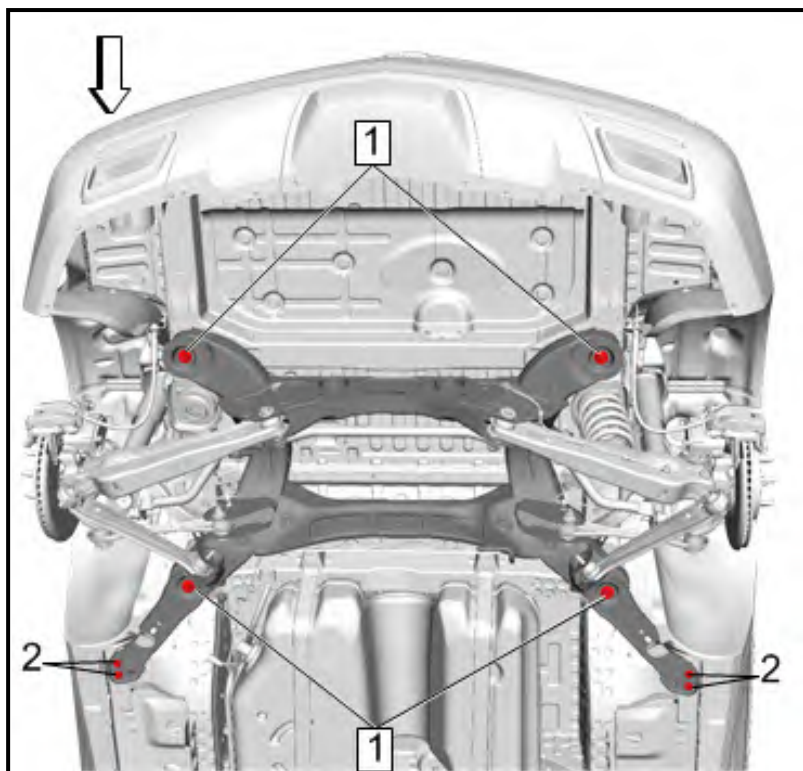
2.



Install the wiring harness retainers to the rear suspension cradle. (2)

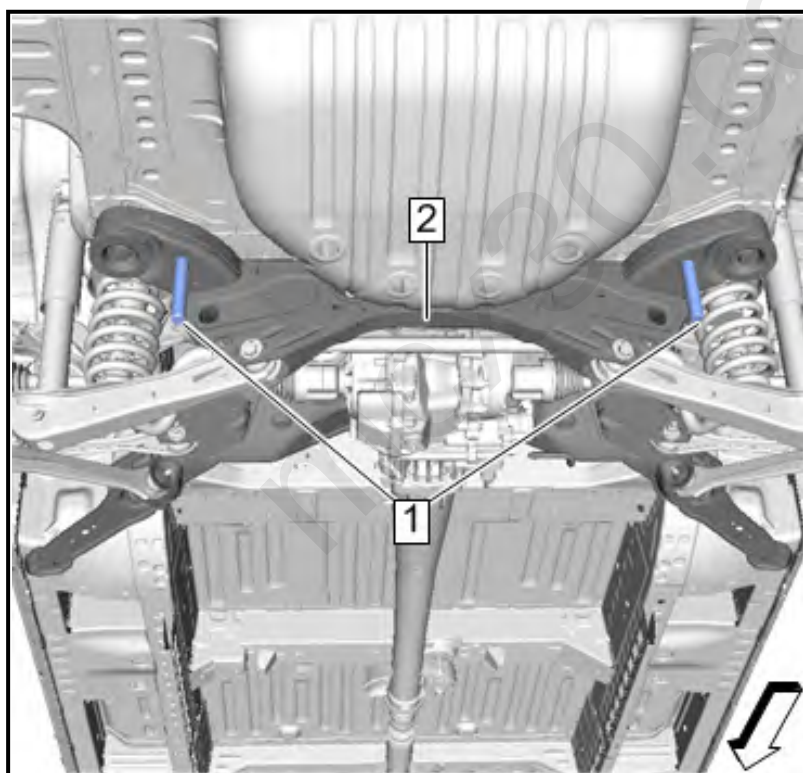
3. Electrical Connector (1) - Connect [2X]

4.



Using the **EN-39580** Support Stand support the rear suspension cradle.

5.



Install the **CH-51034 - A** Cradle Alignment Pins (1) to align the rear cradle to the body.

CAUTION:

This vehicle is equipped with torque-to-yield or single use fasteners. Install a NEW torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component.

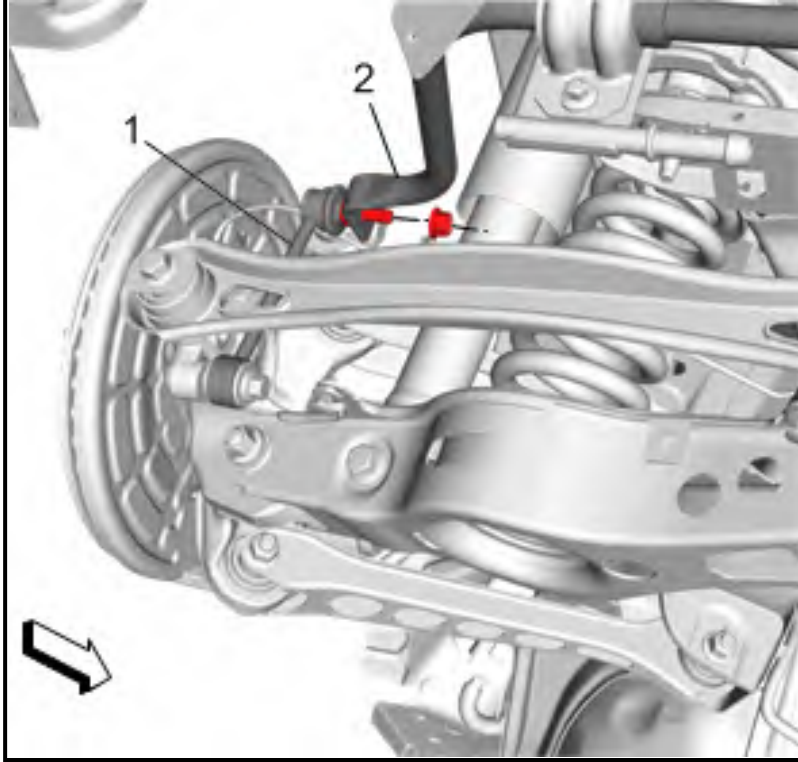
6. Rear Suspension Cradle Bolt (1) - Install and tighten the NEW bolt. [4x]

1. First Pass: 160 N.m (118 lb ft)

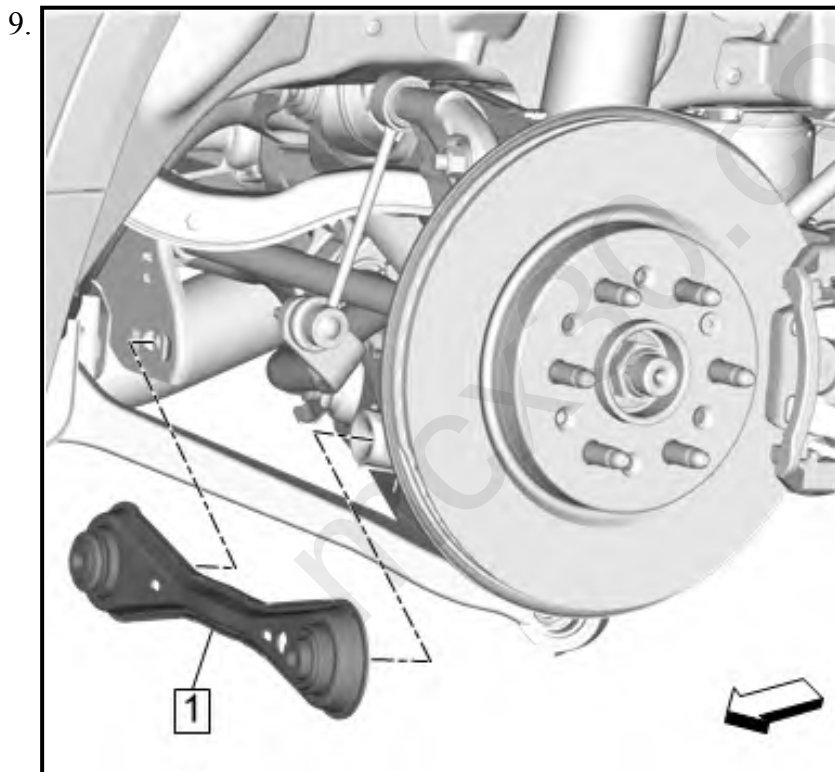
2. Final Pass: (60 - 75 degrees)

7. Rear Cradle Mount Bolt Bracket Bolt (2) - Install and tighten [4x] 58 N.m (43 lb ft)

8.

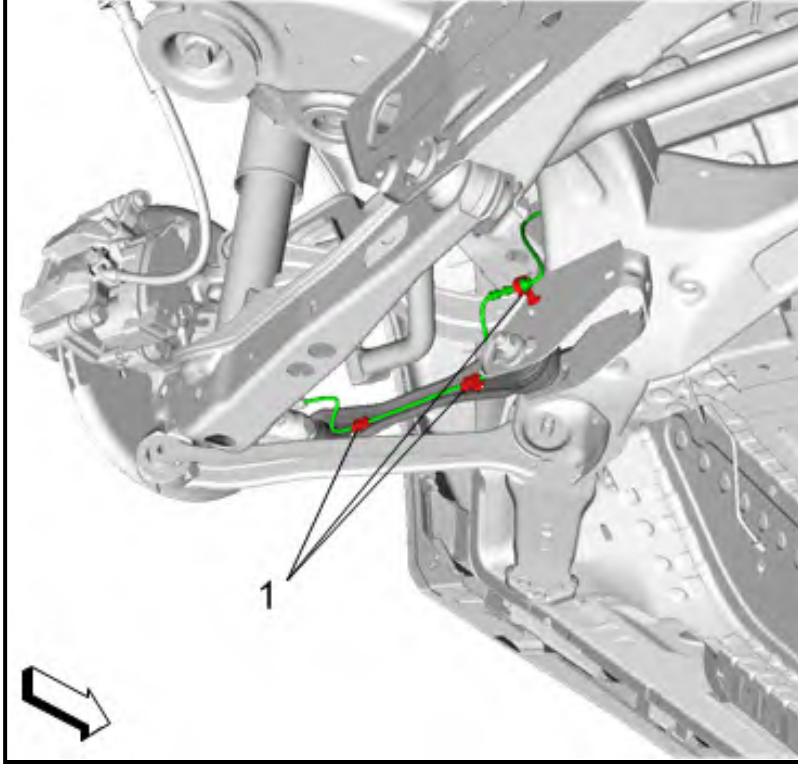


Stabilizer Shaft Link (1) @ Stabilizer Shaft - Install - [Stabilizer Shaft Link Replacement](#)



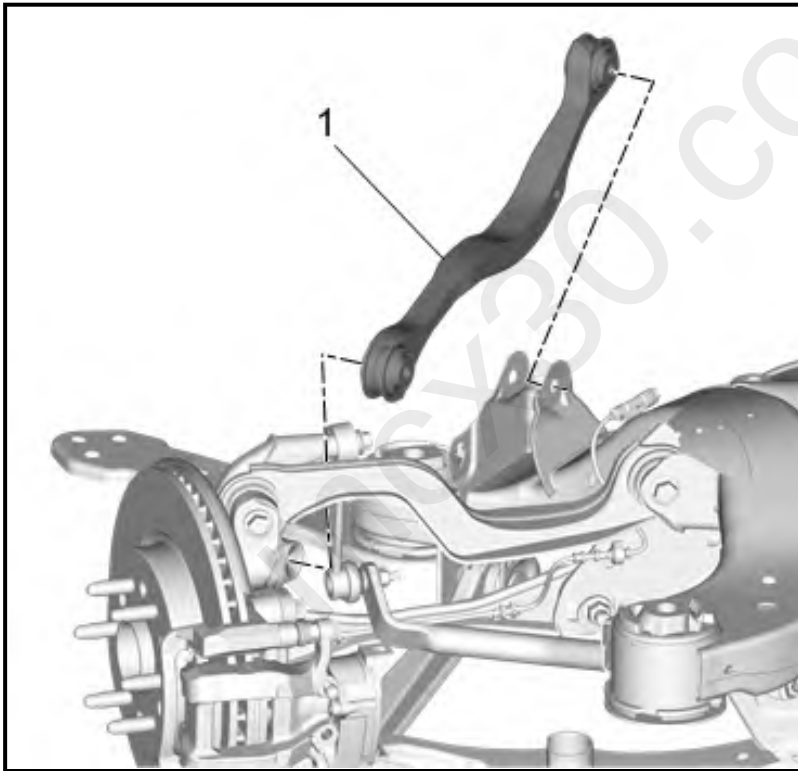
Rear Suspension Adjust Link (1) @ Rear Knuckle - Install - [Adjust Link Replacement](#)





Engage the wheel speed sensor harness retainers to the rear suspension cradle and adjust link. (1)

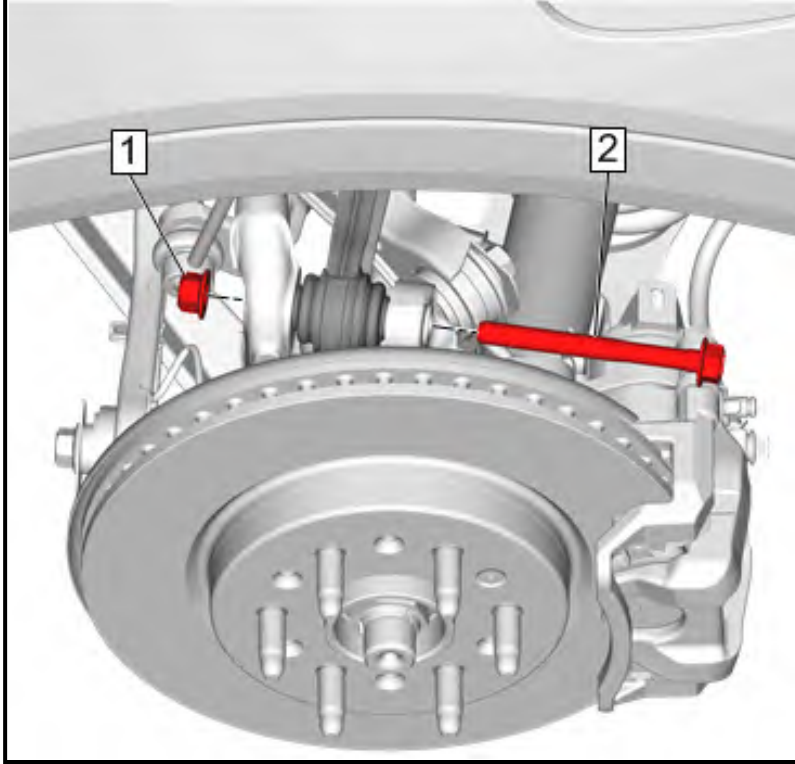
11.



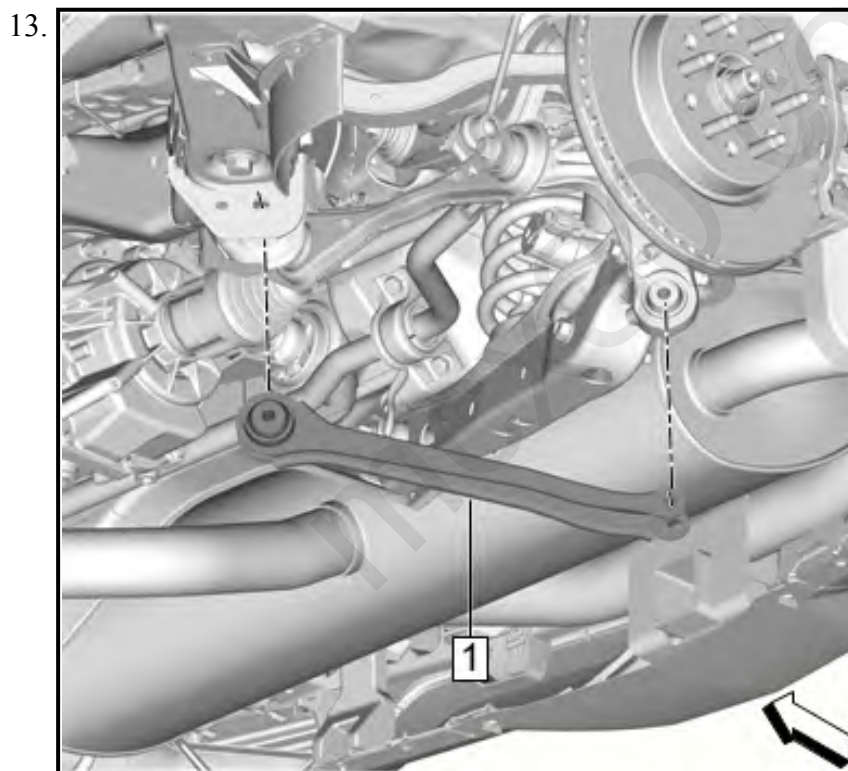
Rear Suspension Upper Trailing Link (1) @ Rear Knuckle - Install - [Rear Suspension Upper Trailing Link Replacement](#)

12.



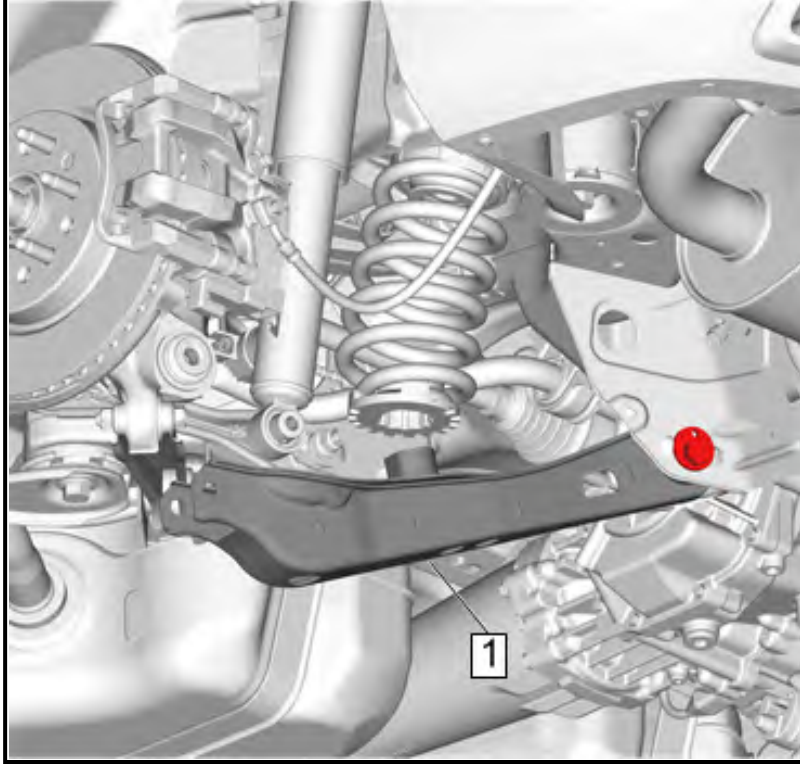


Rear Suspension Upper Lateral Link @ Rear Knuckle - Install - [Rear Suspension Upper Lateral Link Replacement](#)



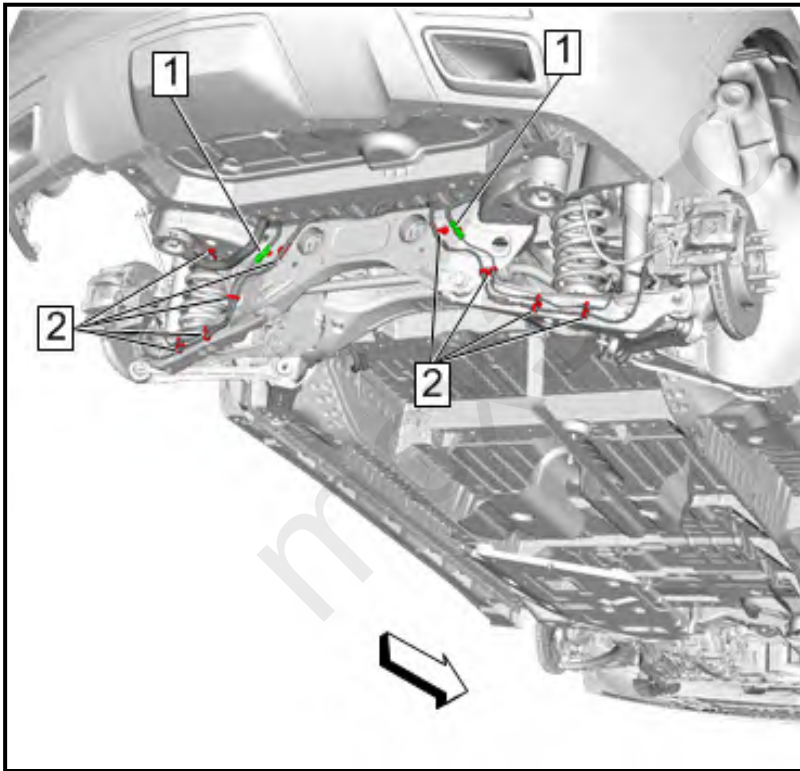
Rear Suspension Lower Trailing Link (1) @ Rear Knuckle - Install - [Rear Suspension Lower Trailing Link Replacement](#)





Rear Suspension Lower Control Arm (1) @ Rear Knuckle - Install - [Lower Control Arm Replacement](#)

15.



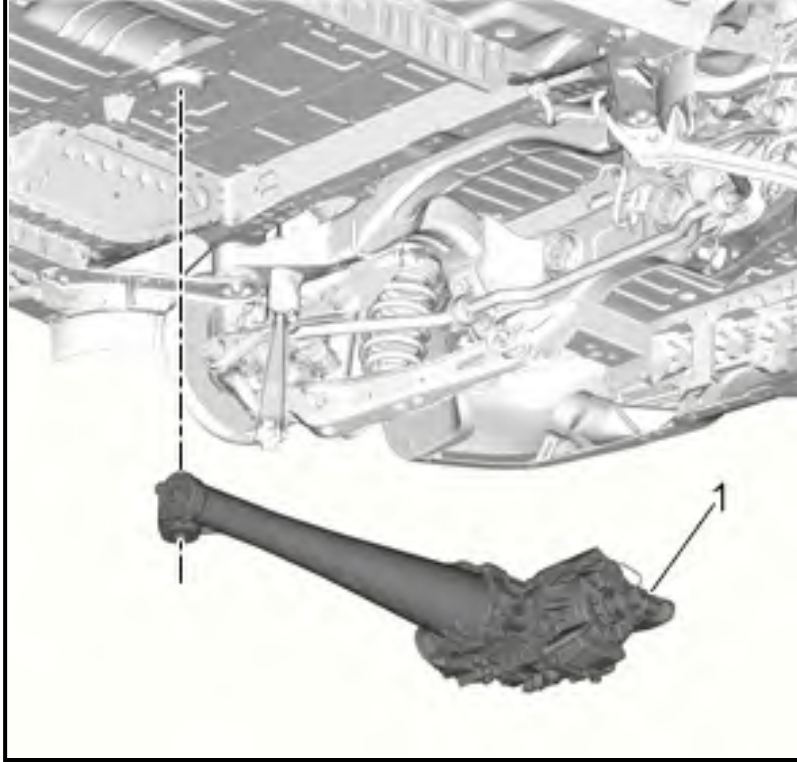
Electrical Connector (1) - Connect [2X]

16. Install the retainers. (2)

17. Exhaust Muffler Assembly - Install - [Exhaust Muffler Replacement \(LFY\)](#).

18.





Differential Carrier Assembly (1) - Install - [Differential Carrier Assembly Replacement](#)

19. Install the rear wheels. [Tire and Wheel Removal and Installation](#)
20. Lower the vehicle.
21. If the rear suspension cradle was replaced with a NEW cradle, perform a wheel alignment. [Wheel Alignment Specifications](#)

REAR SUSPENSION CRADLE REPLACEMENT (FRONT WHEEL DRIVE)

Special Tools

- EN-39580 Support Stand
- CH-51034 - A Cradle Alignment Pins

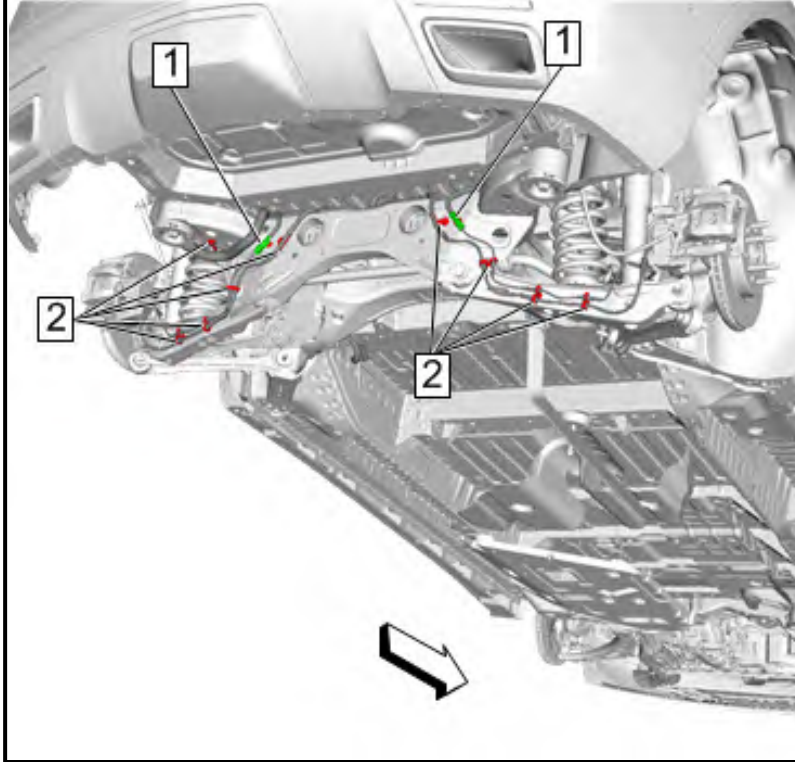
Equivalent regional tools: [Special Tools](#)

Removal Procedure

NOTE: Vehicle alignment is not required if the cradle is being lowered or dropped to perform another procedure. This vehicle is equipped with a cradle to body aligning feature: cradle to body through holes or self aligning pins that are part of the cradle or body. Only align if replacing the cradle with a NEW cradle and transferring components.

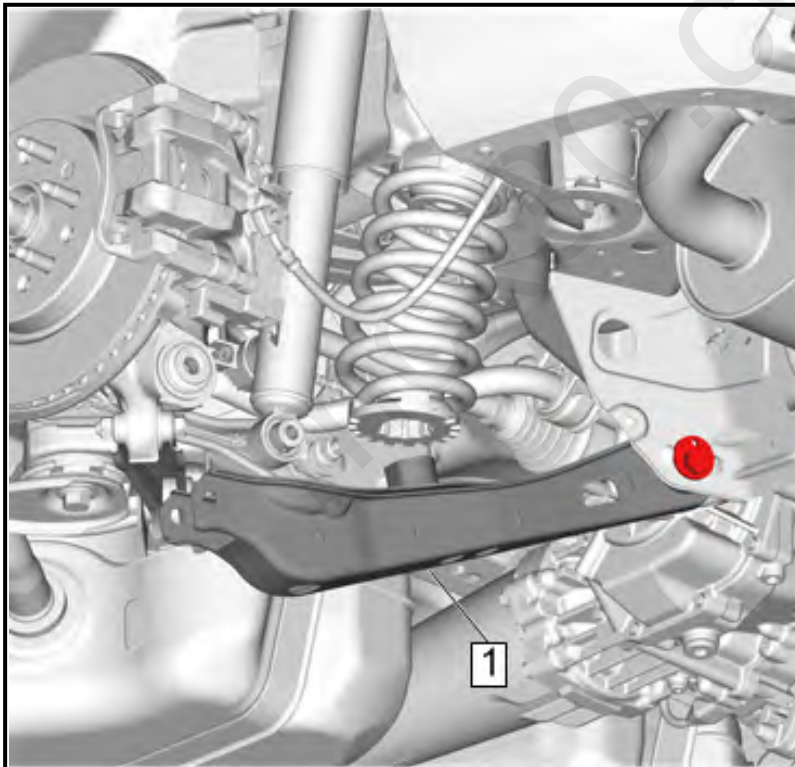
1. Raise and support the vehicle. [Lifting and Jacking the Vehicle](#)
2. Exhaust Muffler Assembly - Remove - [Exhaust Muffler Replacement \(LTG\)](#) [Exhaust Muffler Replacement \(LFY\)](#)
3. Remove the rear wheels. [Tire and Wheel Removal and Installation](#)





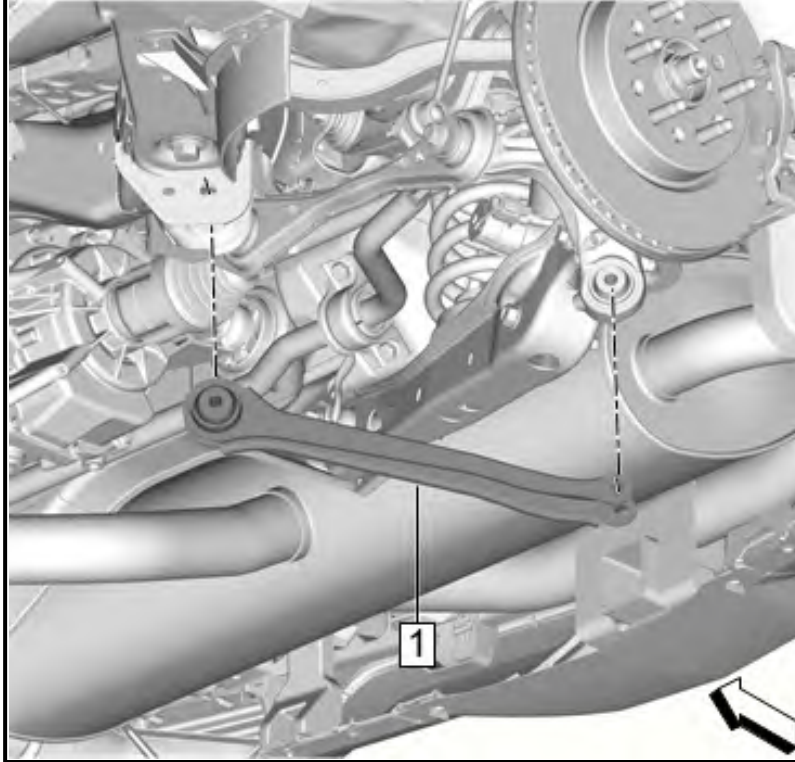
Electrical Connector (1) - Disconnect [2X]

5. Release the retainers. (2)
6. Using mechanics wire, support the rear suspension knuckle assembly.
- 7.

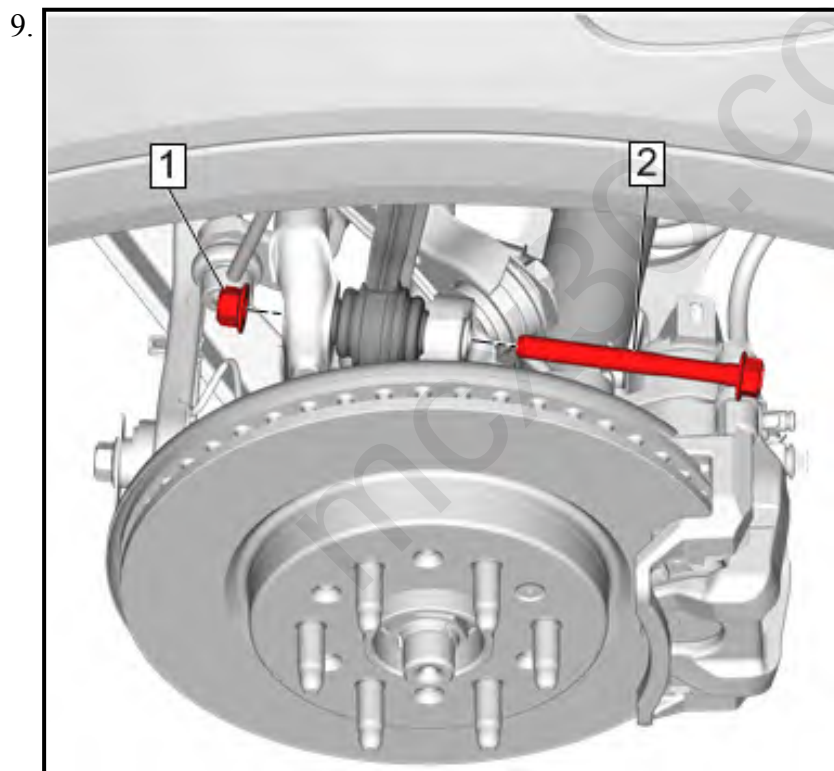


Rear Suspension Lower Control Arm (1) @ Rear Knuckle - Separate - [Lower Control Arm Replacement](#)



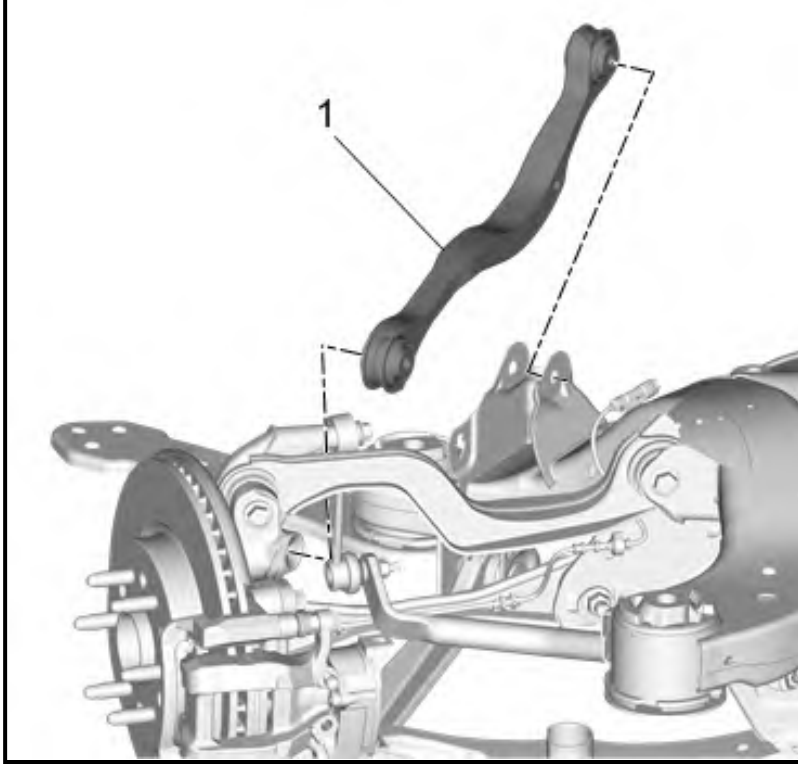


Rear Suspension Lower Trailing Link (1) @ Rear Knuckle - Separate - [Rear Suspension Lower Trailing Link Replacement](#)



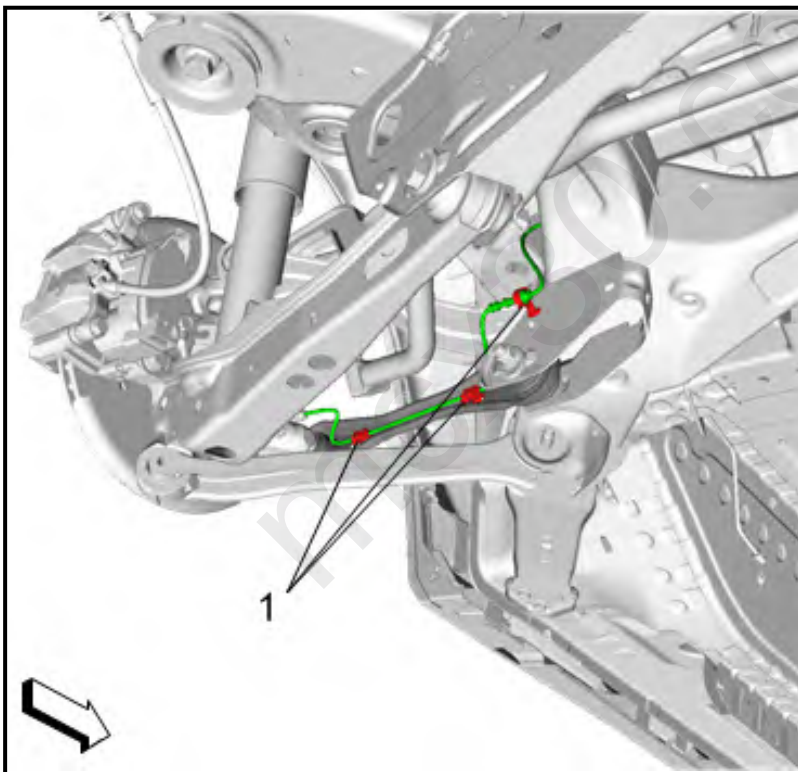
Rear Suspension Upper Lateral Link @ Rear Knuckle - Separate - [Rear Suspension Upper Lateral Link Replacement](#)





Rear Suspension Upper Trailing Link (1) @ Rear Knuckle - Separate - [Rear Suspension Upper Trailing Link Replacement](#)

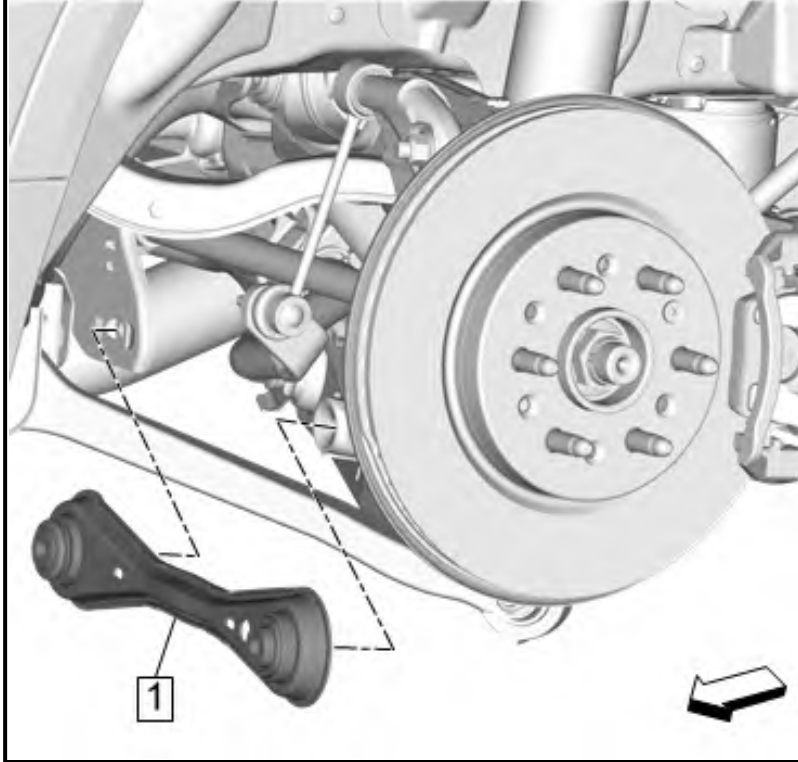
11.



Release the wheel speed sensor harness retainers from the rear suspension cradle and adjust link. (1)

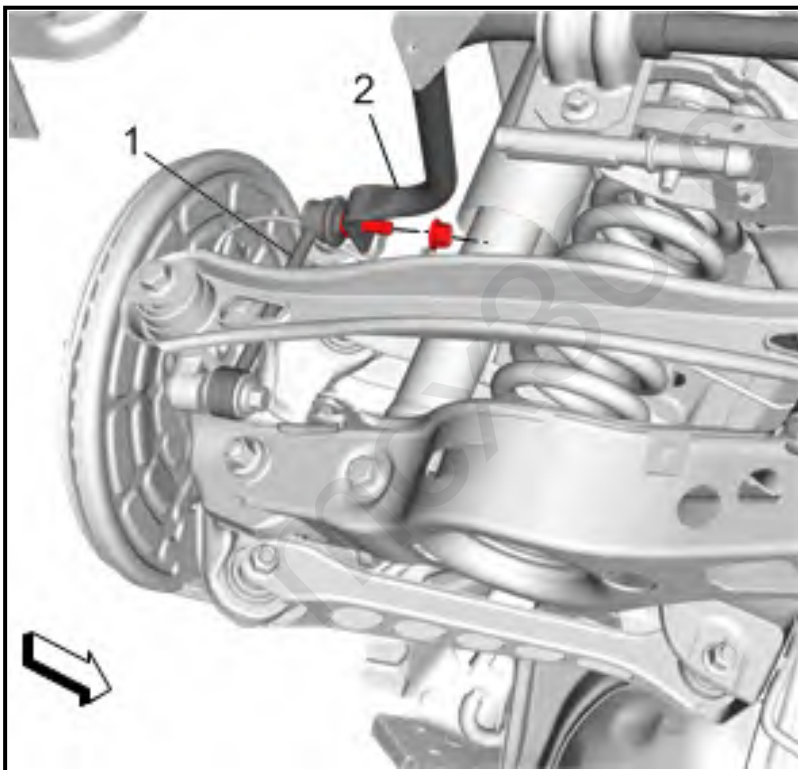
12.





Rear Suspension Adjust Link (1) @ Rear Knuckle - Separate - [Adjust Link Replacement](#)

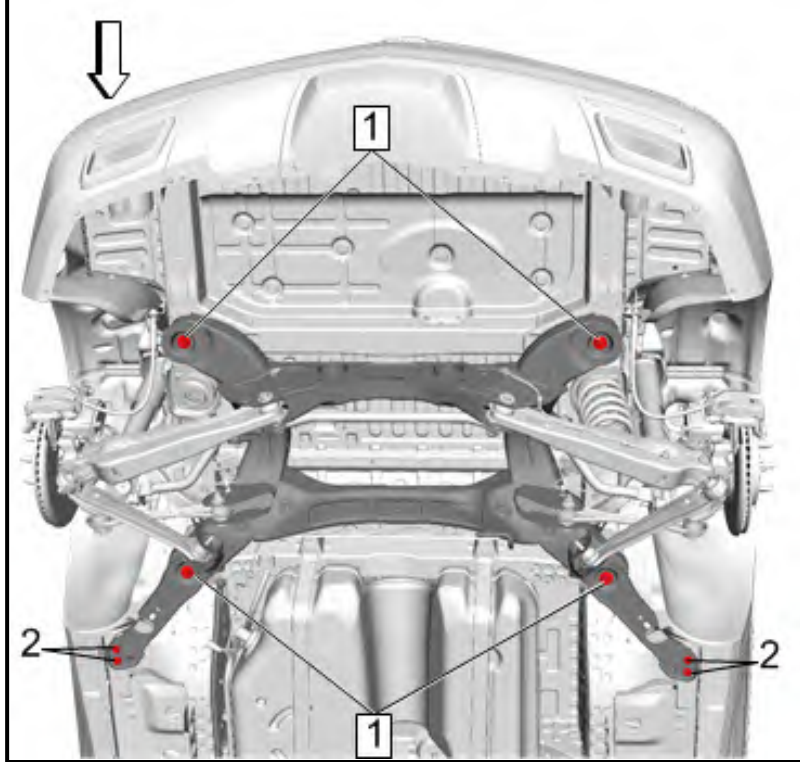
13.



Stabilizer Shaft Link (1) @ Stabilizer Shaft - Separate - [Stabilizer Shaft Link Replacement](#)

14.



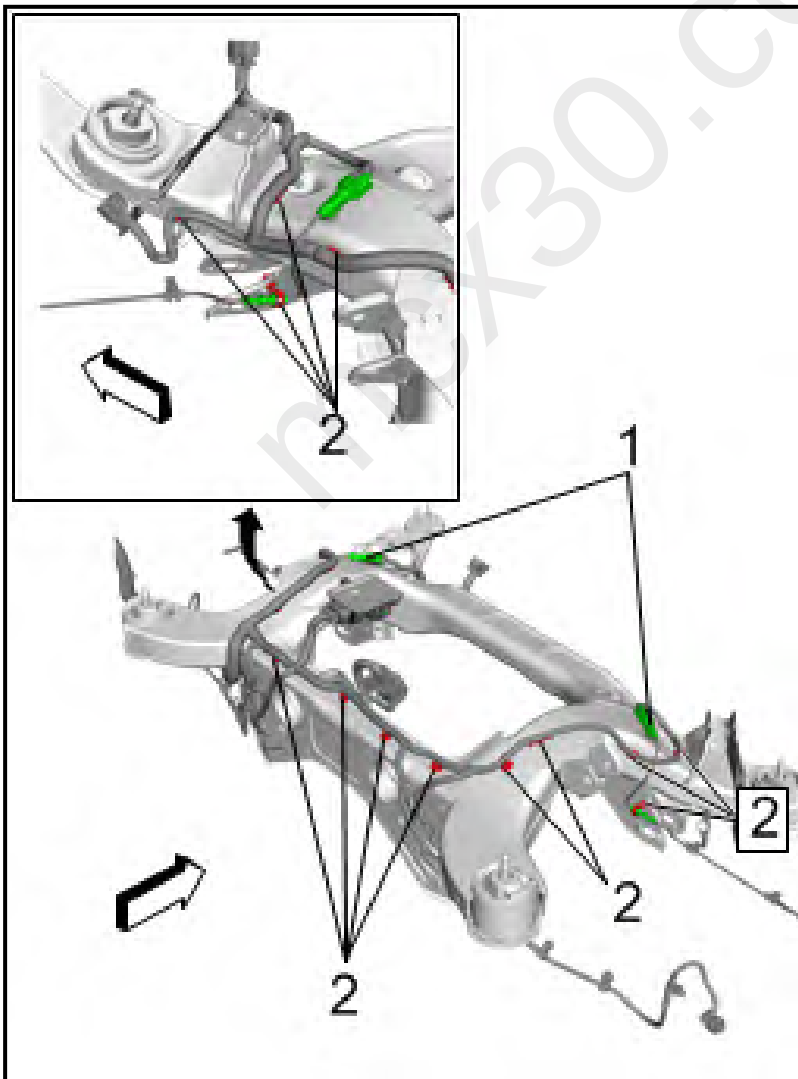


Using the **EN-39580** Support Stand support the rear suspension cradle.

15. Rear Suspension Cradle Bolt (1) - Remove and DISCARD [4x]

16. Rear Cradle Mount Bolt Bracket Bolt (2) - Remove [4x]

17.

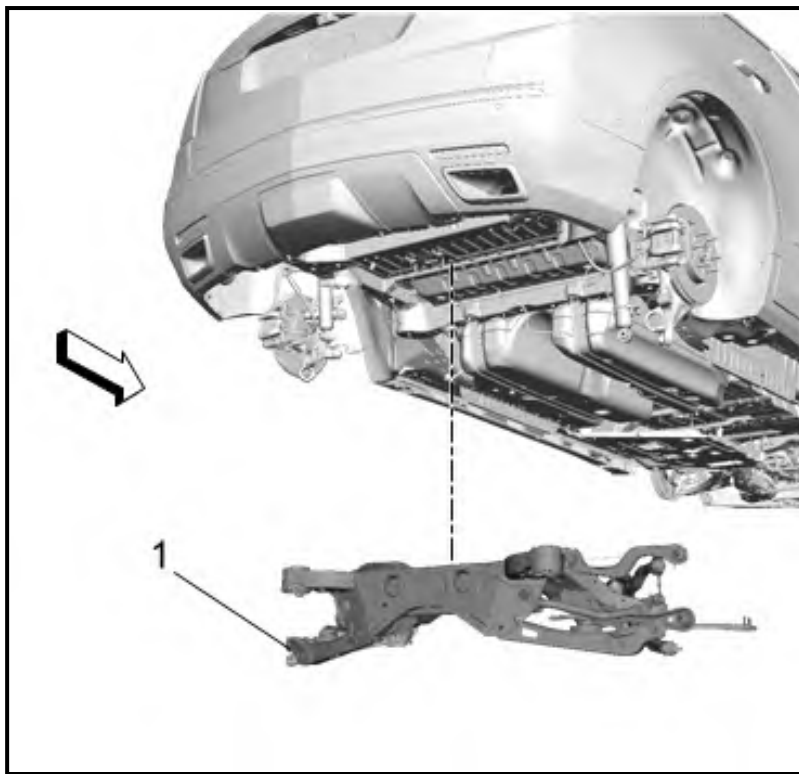


Carefully lower the rear suspension cradle to access the rear wheel speed sensor connectors (1) and the chassis harness retainers (2).

18. Electrical Connector (1) - Disconnect [2X]

19. Release the retainers. (2)

20.

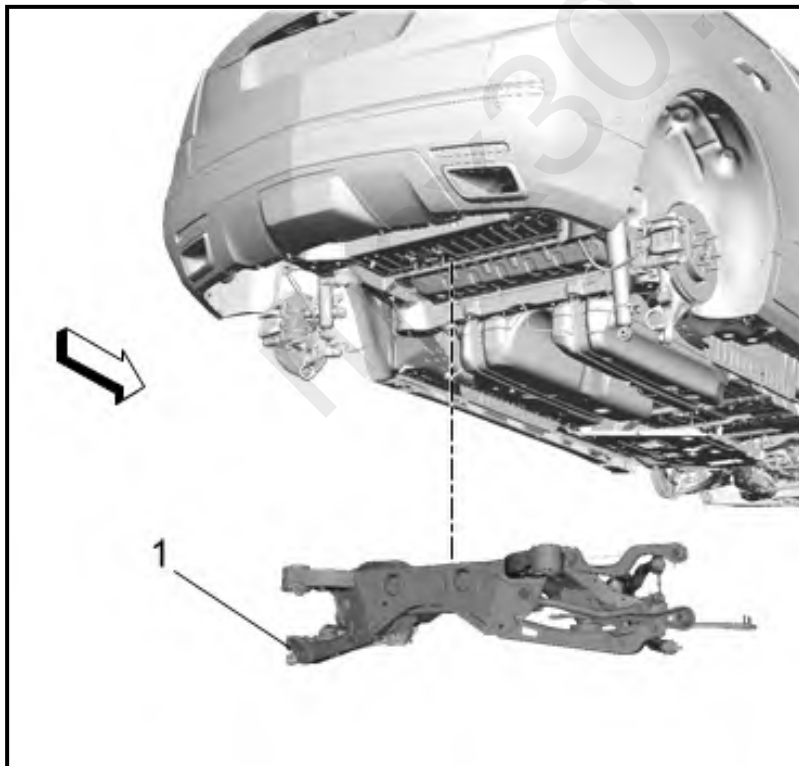


Rear Suspension Cradle (1) - Remove

21. If replacing the rear suspension cradle, transfer parts as necessary.

Installation Procedure

1.

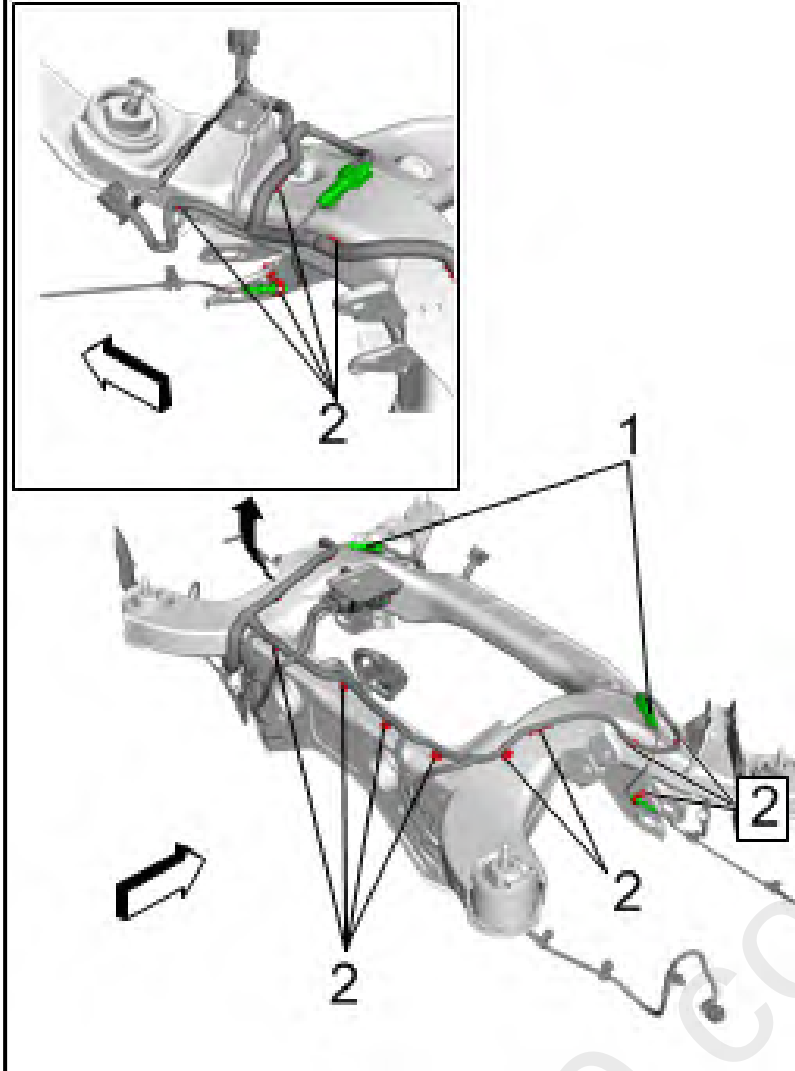


NOTE: Ensure that the rear suspension cradle is securely attached to the hydraulic jack stand.

Using the **EN-39580** Support Stand install the rear suspension cradle into position. (1)

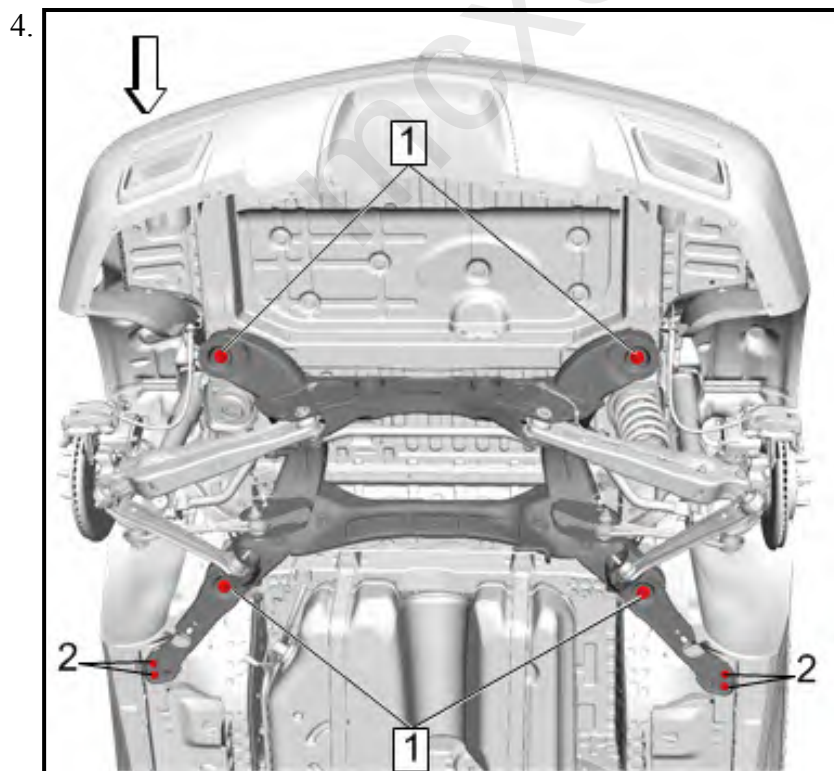
2.





Install the wiring harness retainers to the rear suspension cradle. (2)

3. Electrical Connector (1) - Connect [2X]



Using the **EN-39580** Support Stand support the rear suspension cradle.

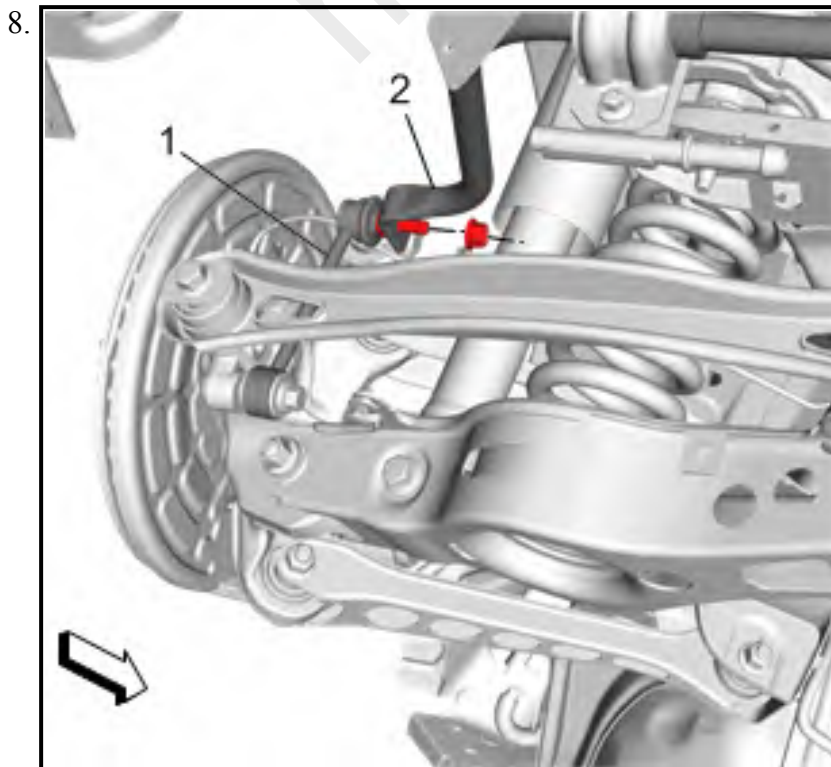


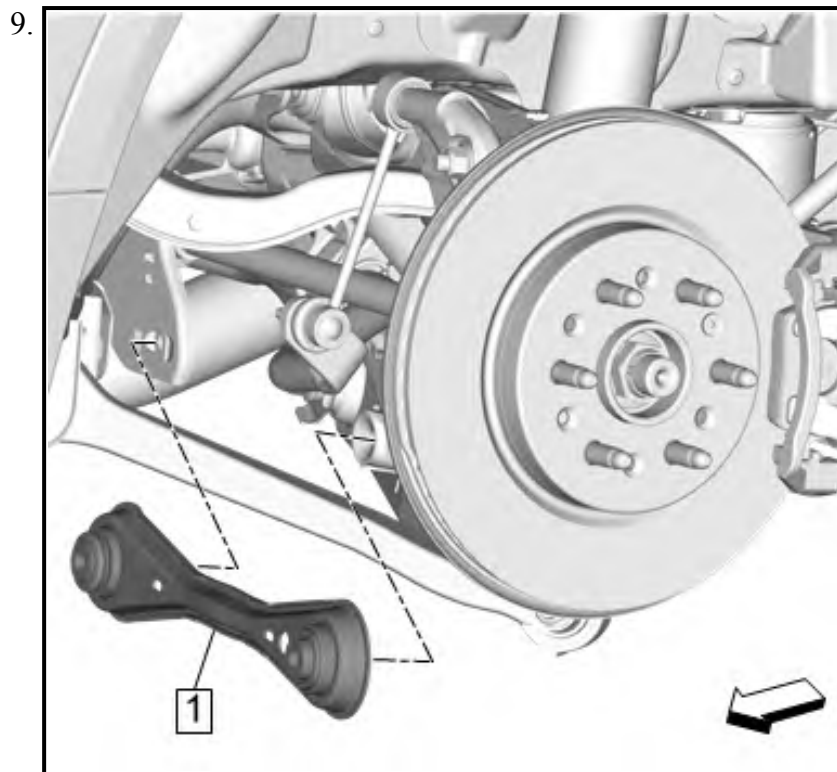


Install the **CH-51034 - A Cradle Alignment Pins (1)** to align the rear cradle to the body.

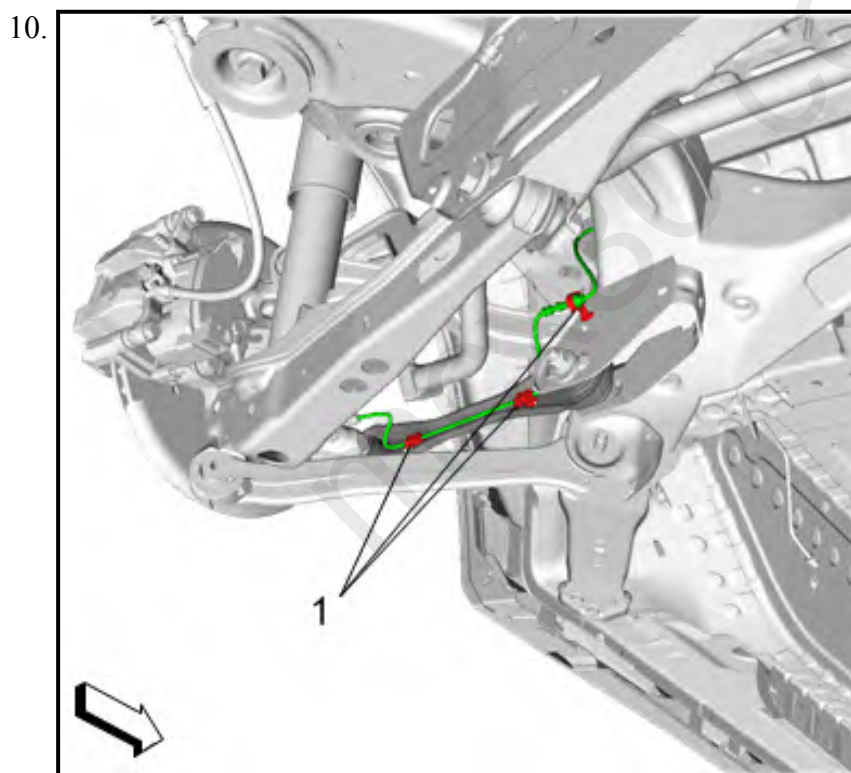
CAUTION: This vehicle is equipped with torque-to-yield or single use fasteners. Install a **NEW** torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component.

6. Rear Suspension Cradle Bolt (1) - Install and tighten the NEW bolt. [4x]
 1. First Pass: 160 N.m (118 lb ft)
 2. Final Pass: (60 - 75 degrees)
7. Rear Cradle Mount Bolt Bracket Bolt (2) - Install and tighten [4x] 58 N.m (43 lb ft)



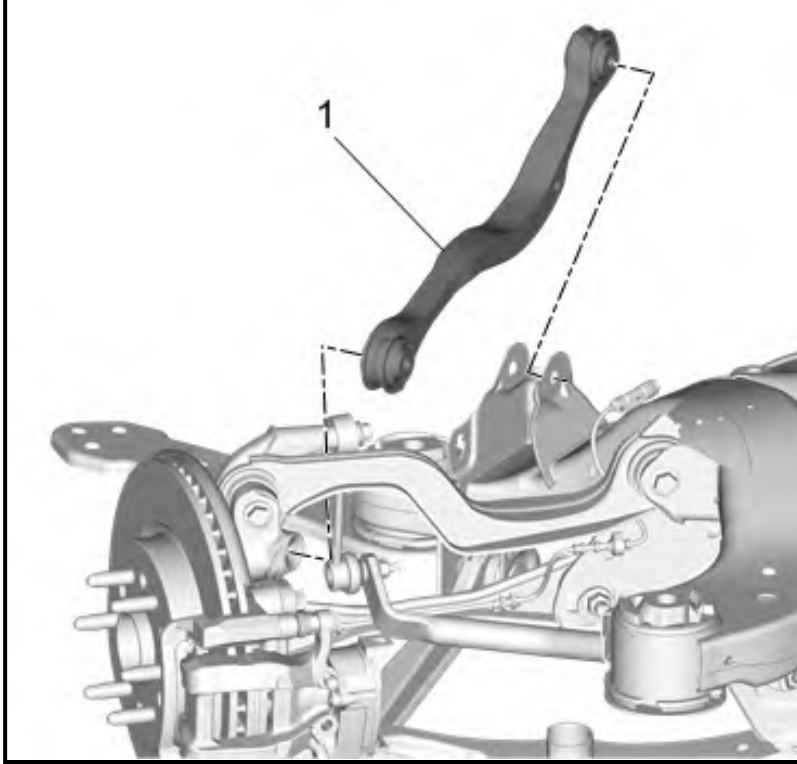


Rear Suspension Adjust Link (1) @ Rear Knuckle - Install - [Adjust Link Replacement](#)



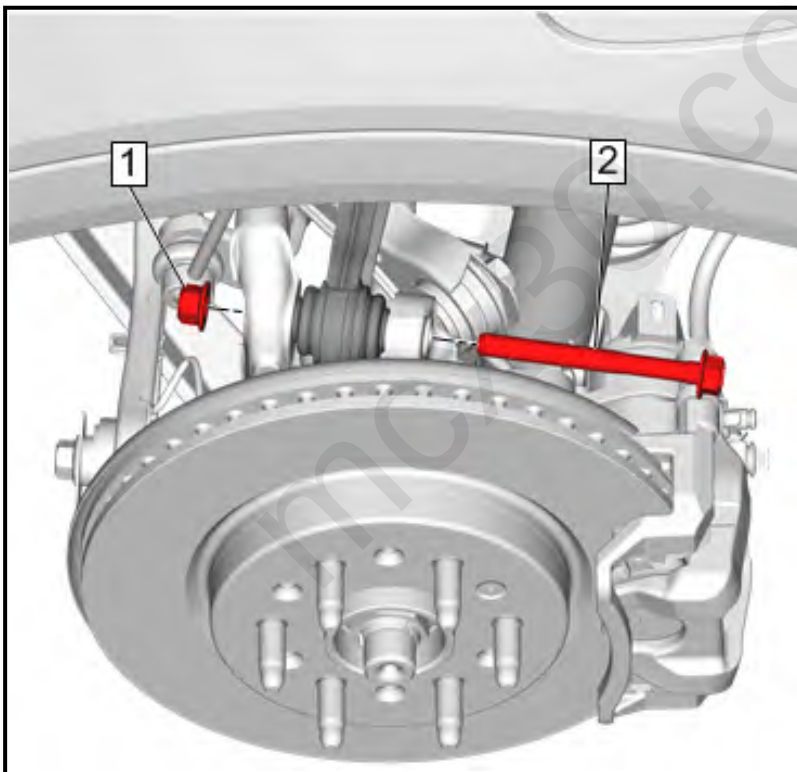
Engage the wheel speed sensor harness retainers to the rear suspension cradle and adjust link. (1)





Rear Suspension Upper Trailing Link (1) @ Rear Knuckle - Install - [Rear Suspension Upper Trailing Link Replacement](#)

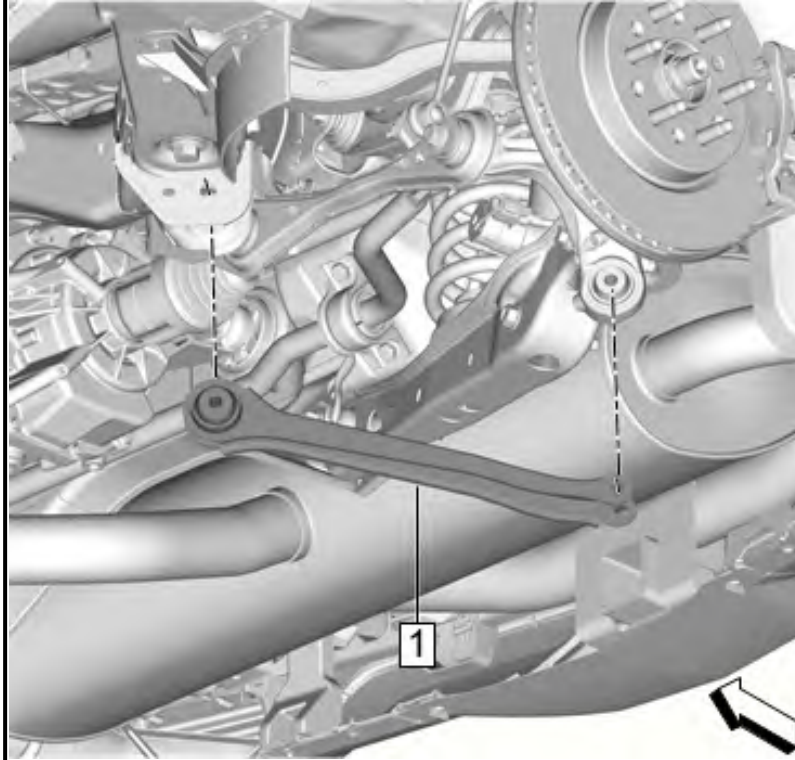
12.



Rear Suspension Upper Lateral Link @ Rear Knuckle - Install - [Rear Suspension Upper Lateral Link Replacement](#)

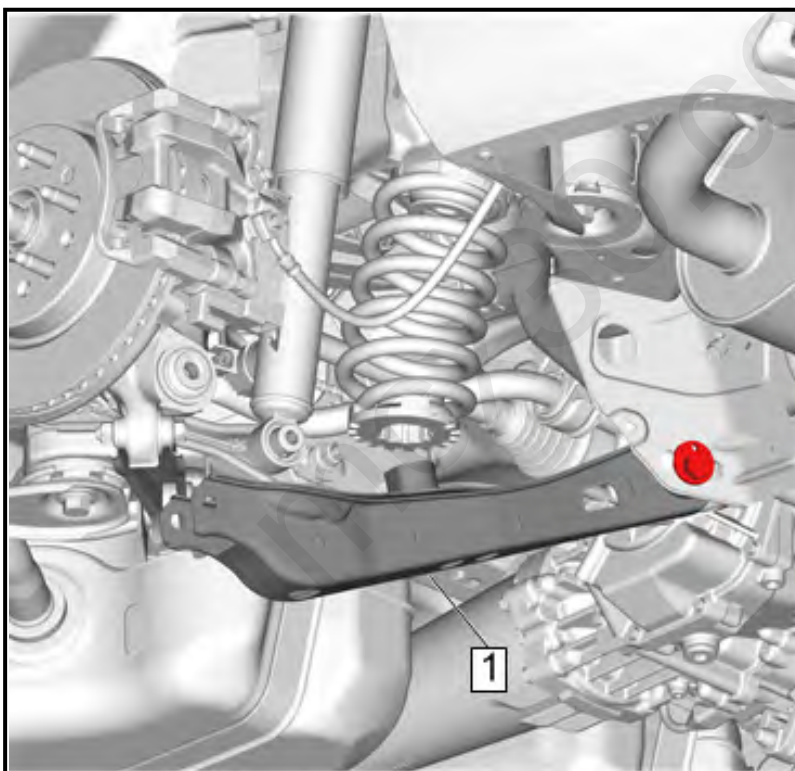
13.





Rear Suspension Lower Trailing Link (1) @ Rear Knuckle - Install - [Rear Suspension Lower Trailing Link Replacement](#)

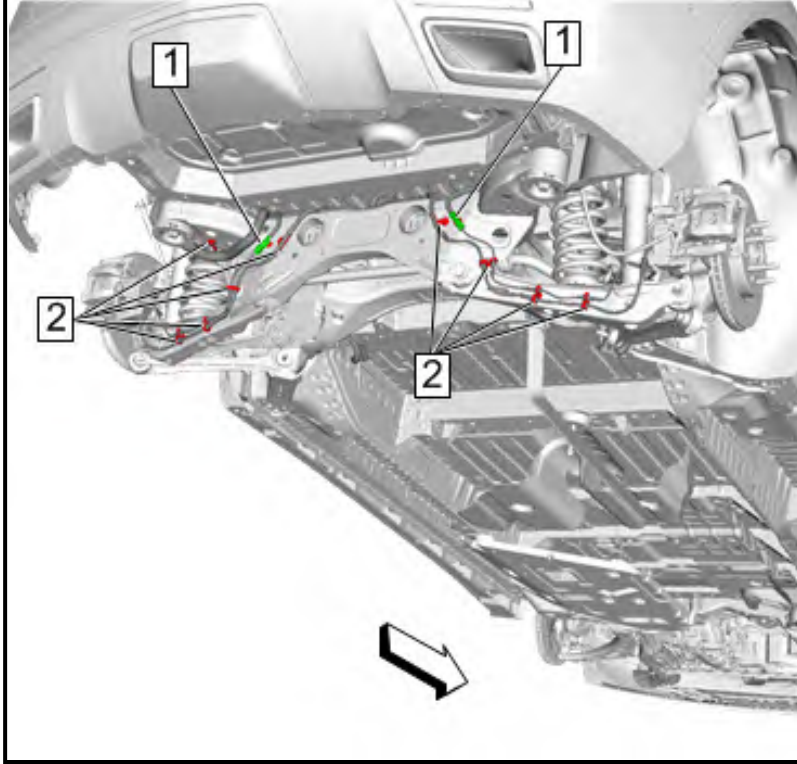
14.



Rear Suspension Lower Control Arm (1) @ Rear Knuckle - Install - [Lower Control Arm Replacement](#)

15.





Electrical Connector (1) - Connect [2X]

16. Install the retainers. (2)
17. Exhaust Muffler Assembly - Install - [Exhaust Muffler Replacement \(LTG\)](#), [Exhaust Muffler Replacement \(LFY\)](#).
18. Install the rear wheels. [Tire and Wheel Removal and Installation](#)
19. Lower the vehicle.
20. If the rear suspension cradle was replaced with a NEW cradle, perform a wheel alignment. [Wheel Alignment Specifications](#)

REAR SUSPENSION CRADLE INSULATOR REPLACEMENT - FRONT

Special Tools

- **CH-45296** Frame Insulator Remover
- **CH-45725** Cradle Bushing Installer and Removal Kit
- **CH-48509** Cradle Bushing Receiver Cup

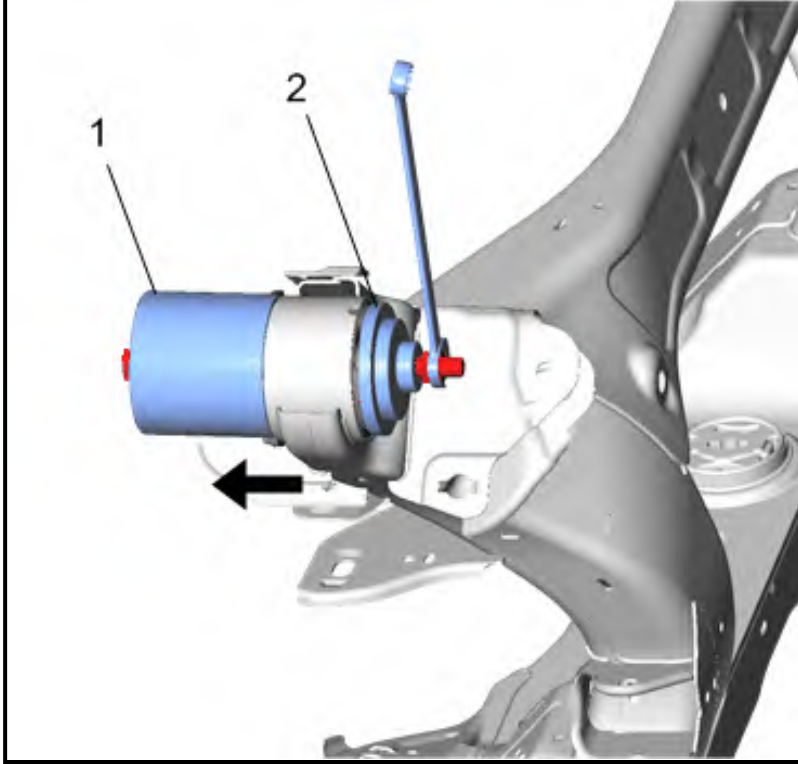
For equivalent regional tools, refer to [Special Tools](#)

Removal Procedure

1. Rear Suspension Cradle (1) - Remove - [Rear Suspension Cradle Replacement \(All Wheel Drive\)](#), [Rear Suspension Cradle Replacement \(Front Wheel Drive\)](#).

2.

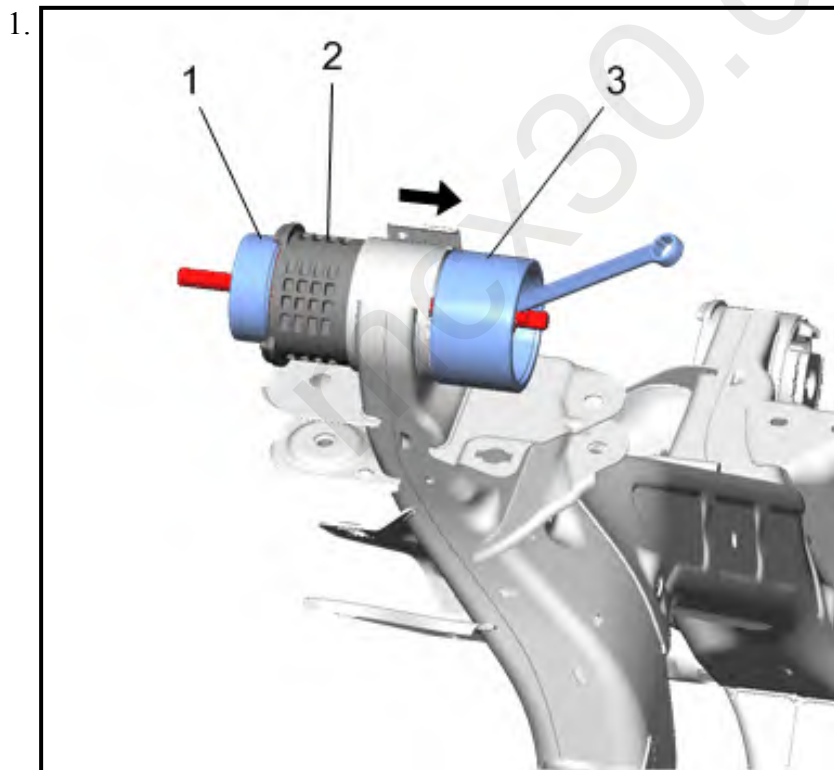




Install the **CH-48509** Cradle Bushing Receiver Cup and the **CH-45725 - 1** Puck as shown.

3. Tighten the nut so the puck (2) pushes the rear suspension cradle insulator into the cradle bushing receiving cup (1).

Installation Procedure



Install the **CH-45725 - 4** Bushing Mount Cup and the **CH-45725 - A** Receiving Cup as shown.

2. Slowly press the cup (1) and rear suspension cradle insulator (2) towards the receiving cup (3).
3. For stability, the **CH-45725 - 2A** Receiver Cup can be flipped as shown after the bushing installation is started.
4. Rear Suspension Cradle (1) - Install - [**Rear Suspension Cradle Replacement \(All Wheel Drive\)**](#)[**Rear Suspension Cradle Replacement \(Front Wheel Drive\)**](#)

REAR SUSPENSION CRADLE INSULATOR REPLACEMENT - REAR

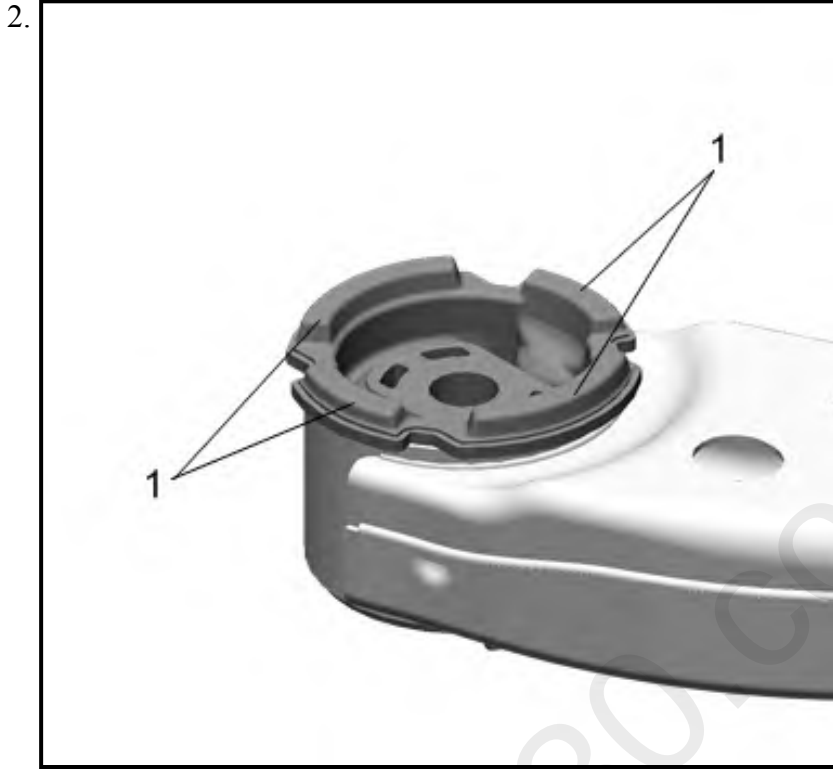
Special Tools

- **CH-45296** Frame Insulator Remover
- **CH-45725** Cradle Bushing Installer and Removal Kit
- **CH-48509** Cradle Bushing Receiver Cup

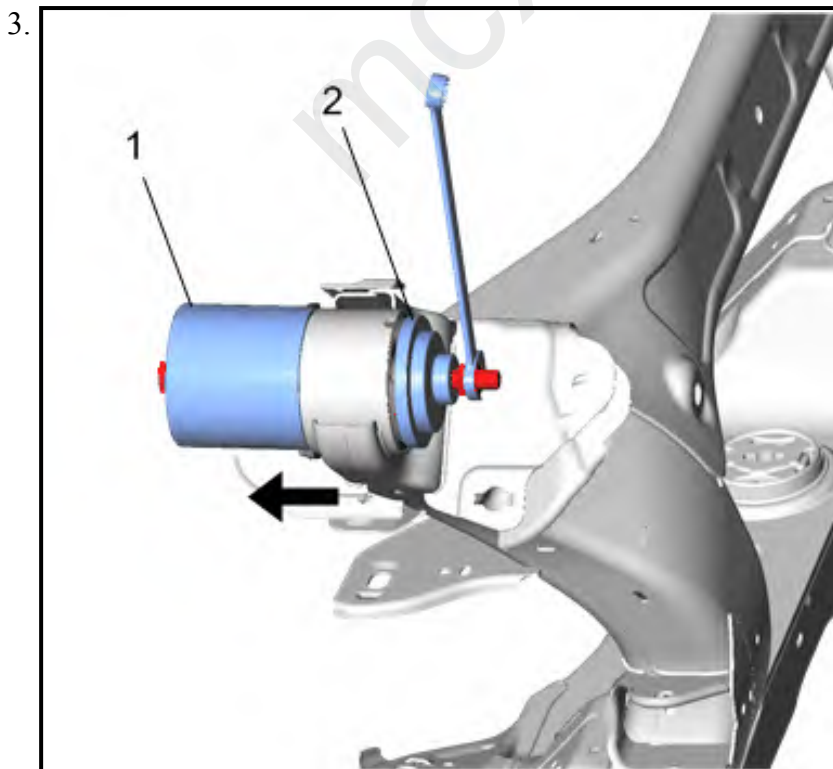
For equivalent regional tools, refer to [Special Tools](#)

Removal Procedure

1. Rear Suspension Cradle (1) - Remove - [Rear Suspension Cradle Replacement \(All Wheel Drive\)](#)[Rear Suspension Cradle Replacement \(Front Wheel Drive\)](#)



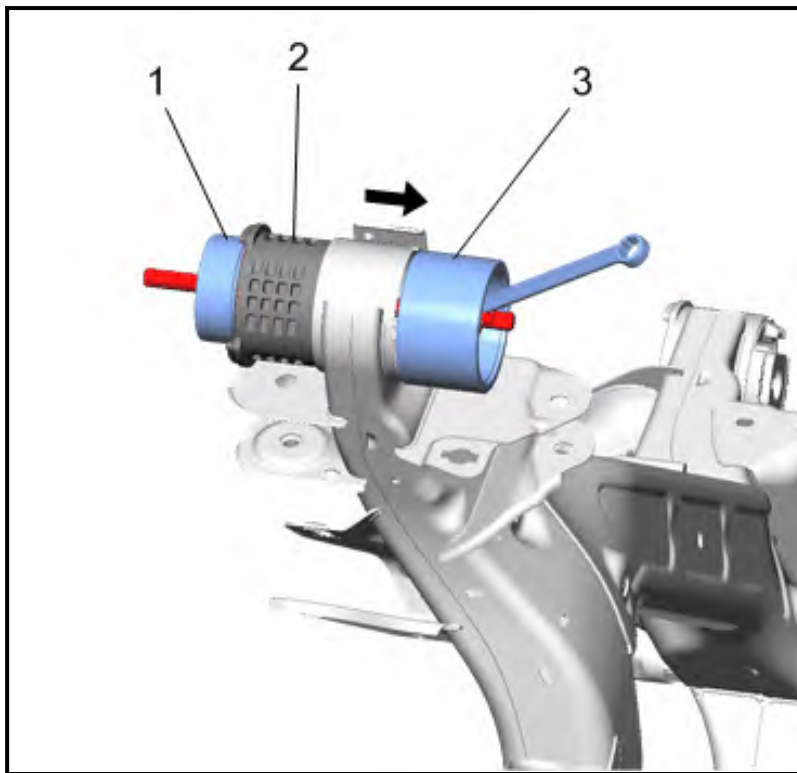
Grind off the bushing tabs (1) on the bottom of the rear suspension cradle insulator to allow the insulator to fit into the receiving cup.



Install the **CH-48509** Cradle Bushing Receiver Cup and the **CH-45725 - 1** Puck as shown.

4. Tighten the nut so the puck (2) pushes the rear suspension cradle insulator into the cradle bushing receiving cup (1).

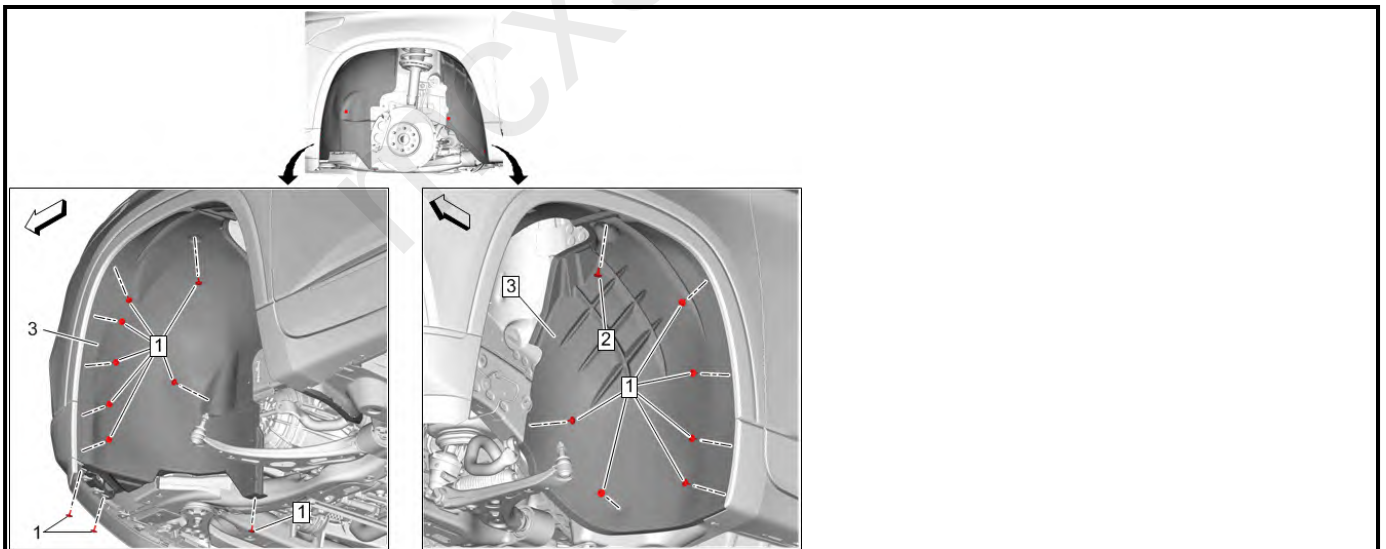
1.



Install the **CH-45725 - 4** Bushing Mount Cup and the **CH-45725 - A** Receiving Cup as shown.

2. Slowly press the cup (1) and rear suspension cradle insulator (2) towards the receiving cup (3).
3. For stability, the **CH-45725 - 2A** Receiver Cup can be flipped as shown after the bushing installation is started.
4. Rear Suspension Cradle (1) - Install - [Rear Suspension Cradle Replacement \(All Wheel Drive\)](#)[Rear Suspension Cradle Replacement \(Front Wheel Drive\)](#)

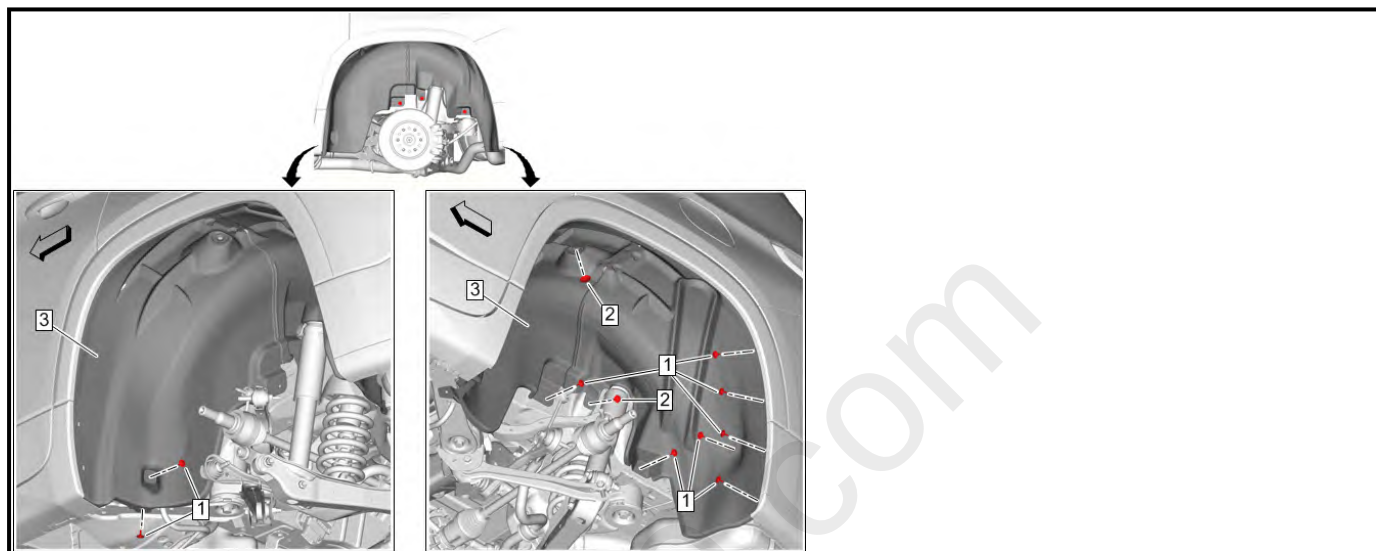
FRONT WHEELHOUSE LINER REPLACEMENT



Callout	Component Name
Preliminary Procedures	
Front Compartment Splash Shield. Front Compartment Splash Shield Replacement - Left Side , Front Compartment Splash Shield Replacement - Right Side	

Callout	Component Name
1	Front Wheelhouse Liner Bolt [16x] CAUTION: Refer to Fastener Caution . Tighten 2.5 N.m (22 lb in)
2	Front Wheelhouse Liner Retainer
3	Front Wheelhouse Liner

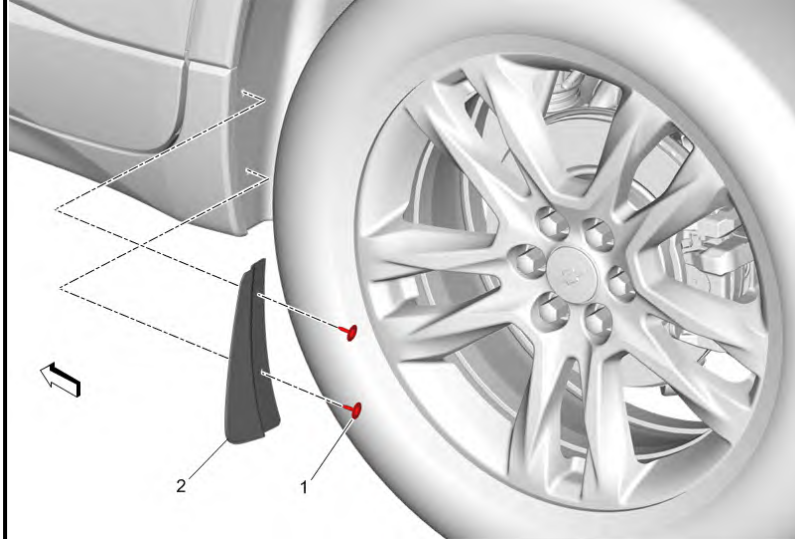
REAR WHEELHOUSE LINER REPLACEMENT



Callout	Component Name
Preliminary Procedures	
1. Rear Tire Front Air Deflector Rear Tire Front Air Deflector Replacement 2. Remove the tire and wheel assembly. Tire and Wheel Removal and Installation	
1	Rear Wheelhouse Liner Bolt [9x] CAUTION: Refer to Fastener Caution . Tighten 2.5 N.m (22 lb in)
2	Rear Wheelhouse Liner Retainer [2x]
3	Rear Wheelhouse Liner Procedure Install the tire and wheel assembly. Tire and Wheel Removal and Installation

REAR TIRE FRONT AIR DEFLECTOR REPLACEMENT



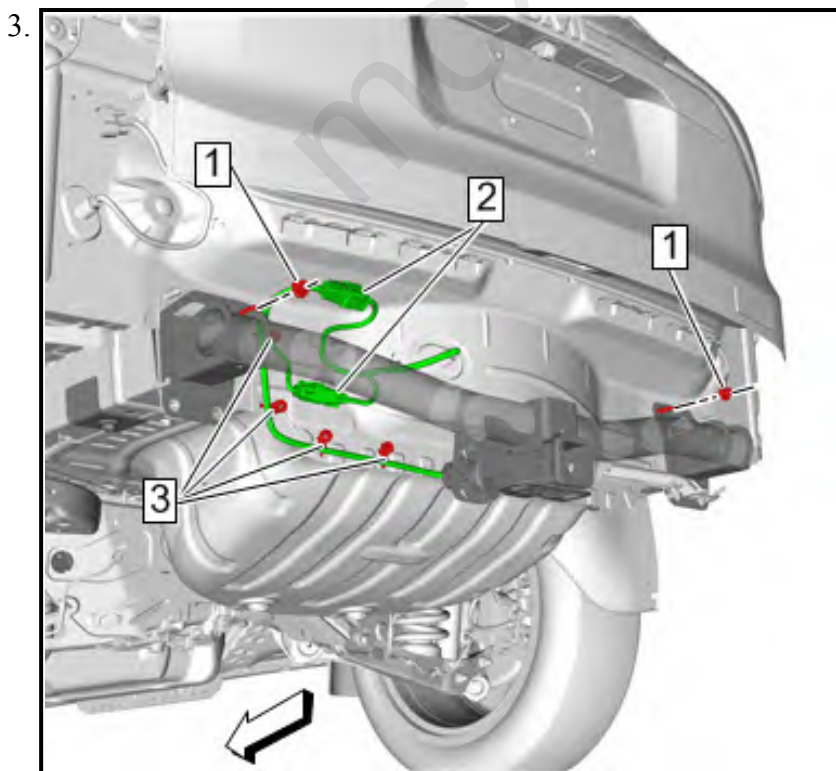


Callout	Component Name
1	Rear Tire Front Air Deflector Bolt [2x] CAUTION: Refer to Fastener Caution . Tighten 2.5 N.m (22 lb in)
2	Rear Tire Front Air Deflector

TRAILER HITCH REPLACEMENT

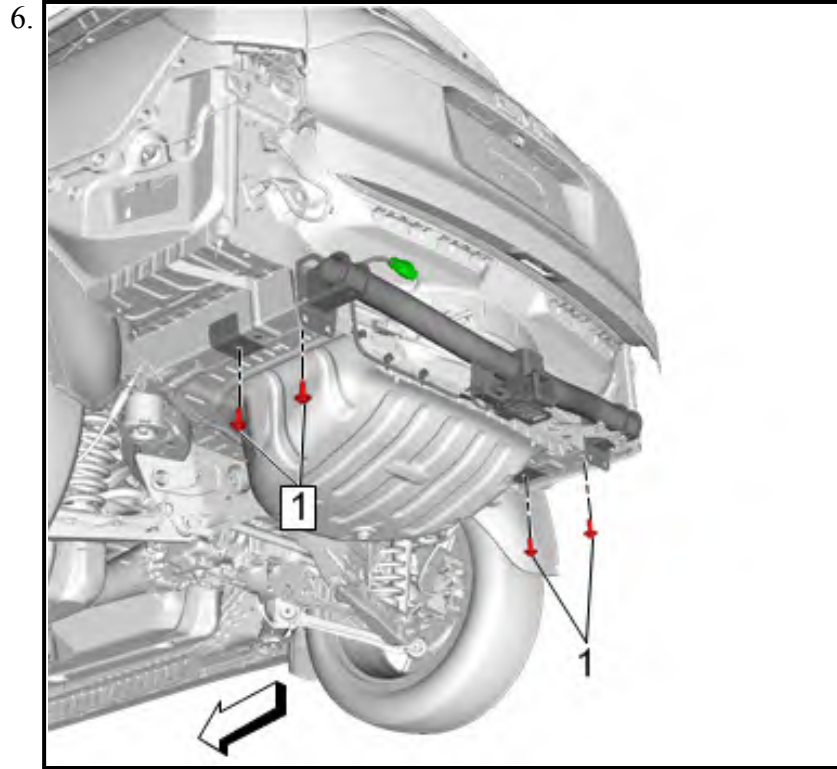
Removal Procedure

1. Exhaust Muffler - Remove - [Exhaust Muffler Replacement \(LTG\)](#), [Exhaust Muffler Replacement \(LFY\)](#)
2. Rear Bumper Fascia - Remove - [Rear Bumper Fascia Replacement](#)

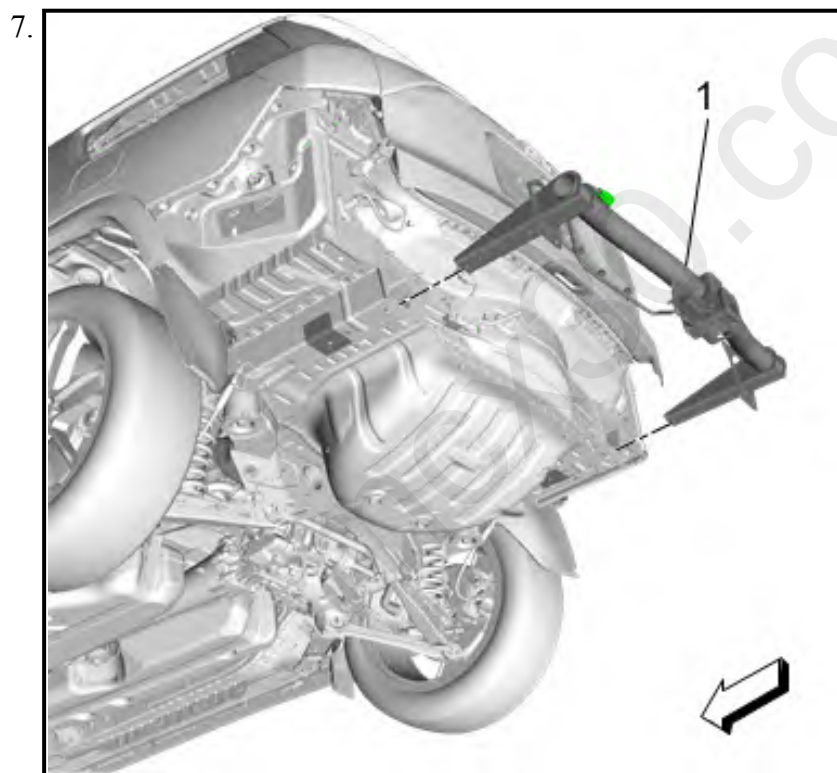


Electrical Connector (2) - Disconnect [2x]

4. Trailer Hitch Support Bracket Nut (1) - Remove [2x]
5. Retainer (3) - Disengage [4x]



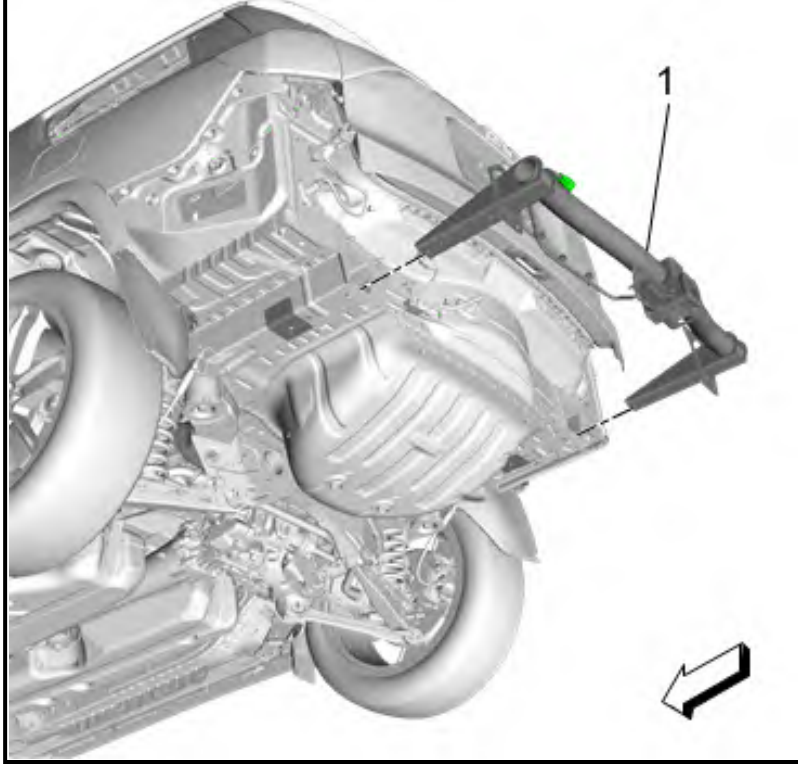
Trailer Hitch Support Bracket Bolt - Underside (1) - Remove [4x]



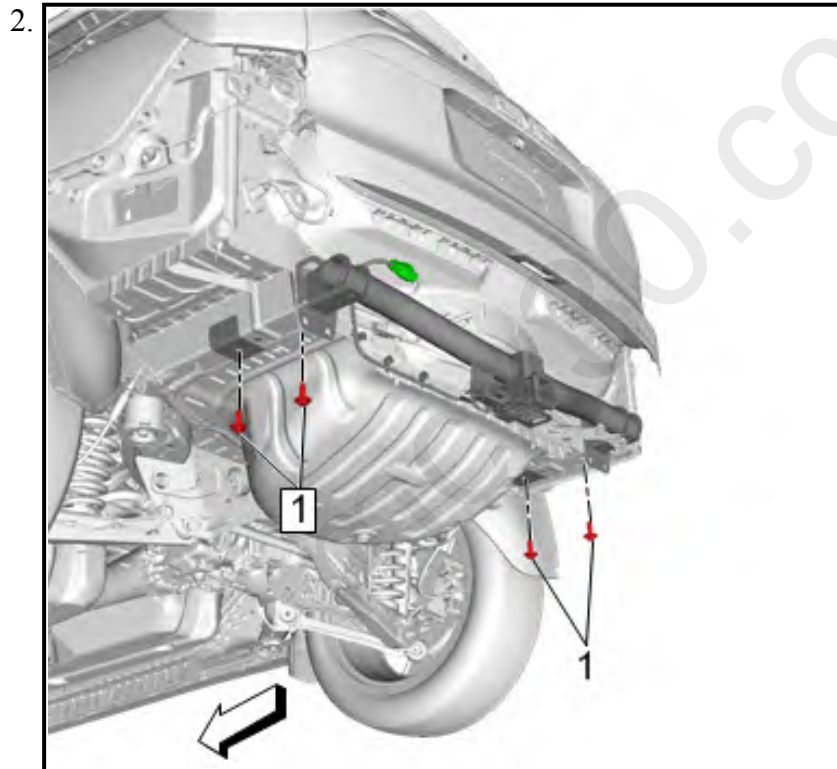
Trailer Hitch Assembly (1) - Remove

Installation Procedure



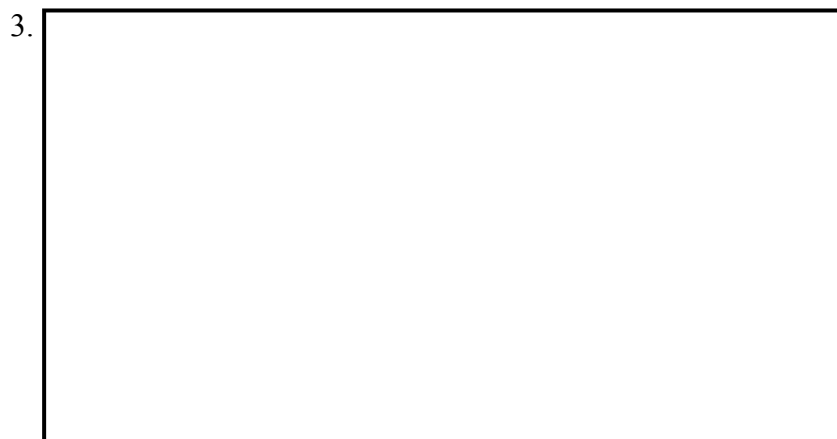


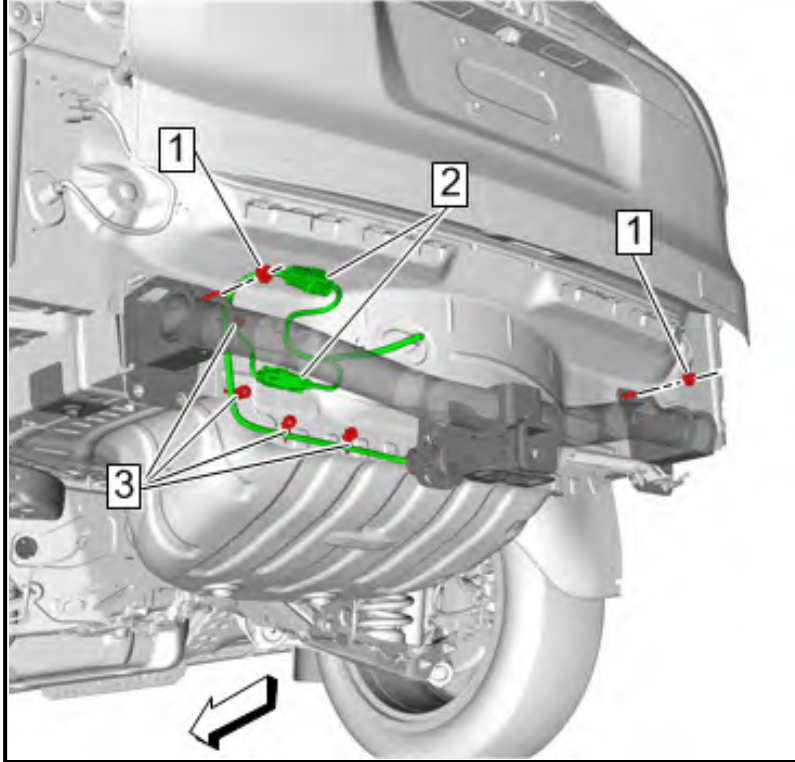
Trailer Hitch Assembly (1) - Install



CAUTION: Refer to [Fastener Caution](#)

Trailer Hitch Support Bracket Bolt - Underside (1) - Install and tighten [4x] 100 N.m (74 lb ft)





Electrical Connector (2) - Connect [2x]

4. Trailer Hitch Support Bracket Nut (1) - Install and tighten [2x] 58 N.m (43 lb ft)

5. Retainer (3) - Engage [4x]

6. Exhaust Muffler - Install - [Exhaust Muffler Replacement \(LTG\)](#) [Exhaust Muffler Replacement \(LFY\)](#)

7. Rear Bumper Fascia - Install - [Rear Bumper Fascia Replacement](#)

SPECIAL TOOLS AND EQUIPMENT

SPECIAL TOOLS

Illustration	Tool Number/ Description

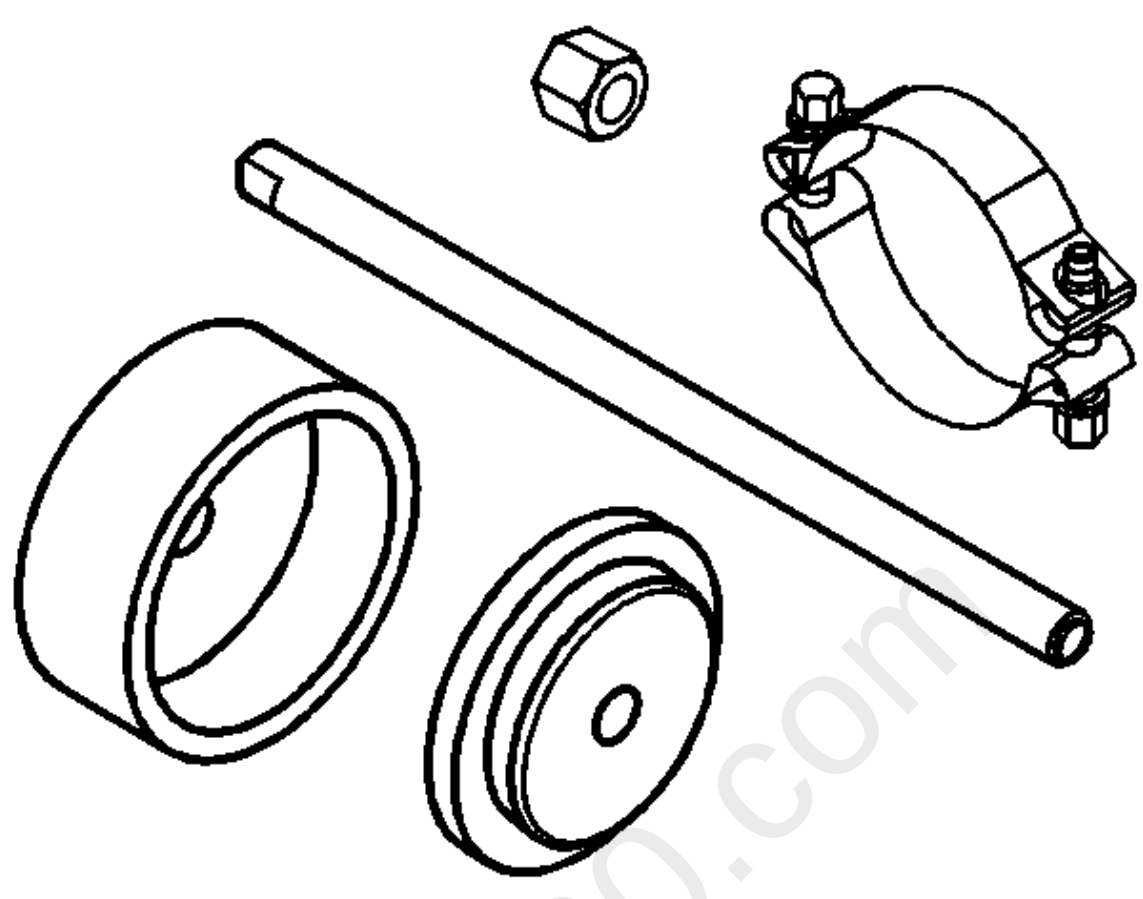
Illustration	Tool Number/ Description
	CH-45725-A Bushing Replacer

Illustration	Tool Number/ Description
	CH-48509 Frame Insulator Remover and Installer

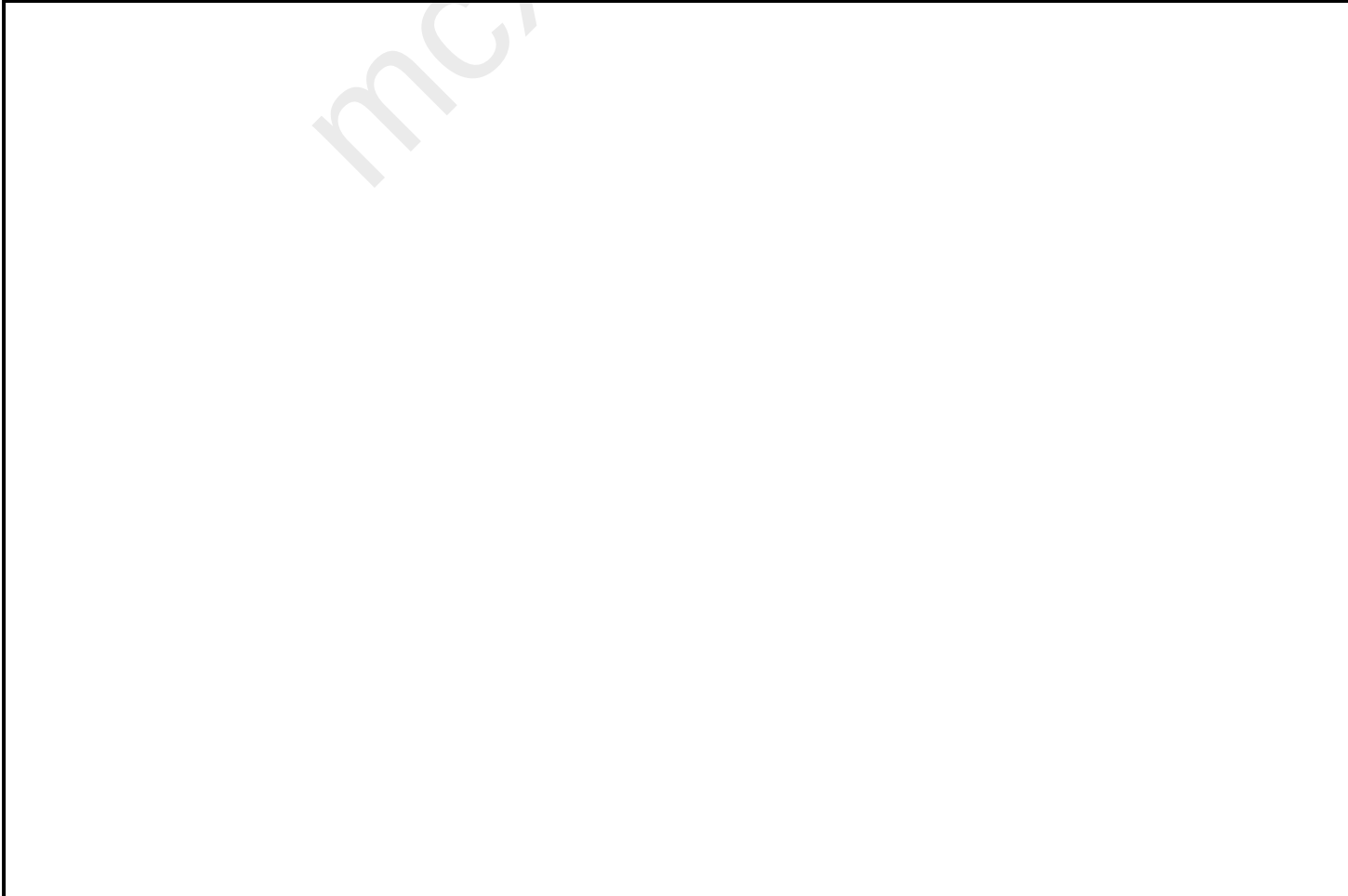


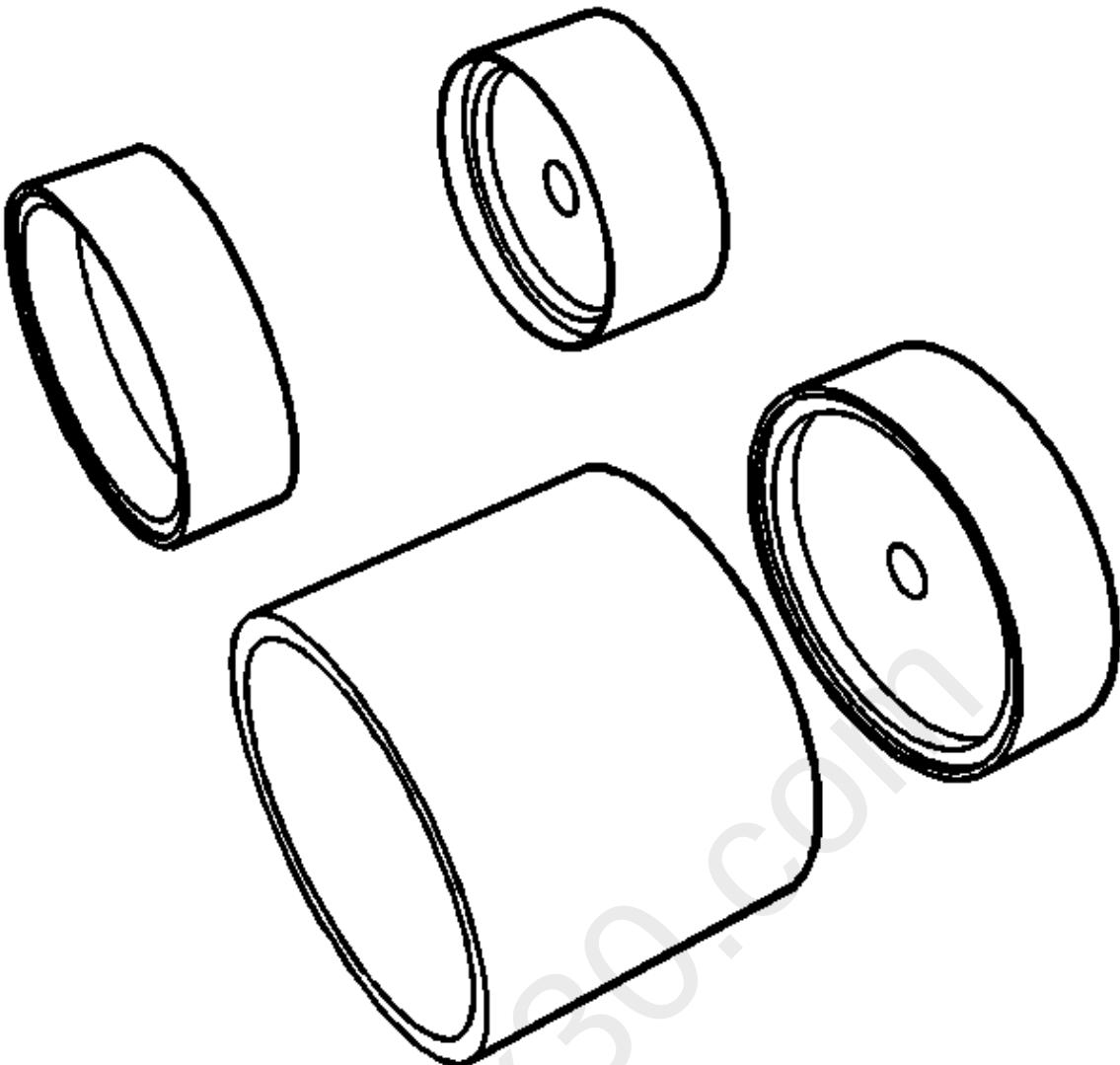
Illustration	Tool Number/ Description
 A line drawing of a bearing assembly. It consists of a large outer cylindrical housing and three smaller cylindrical rollers. The rollers are positioned around the housing, with one at the top, one at the bottom left, and one at the bottom right. Each roller has a small circular feature on its inner face. A diagonal watermark 'mcx30.com' is visible across the lower half of the illustration.	CH-49384 Remover/Installer



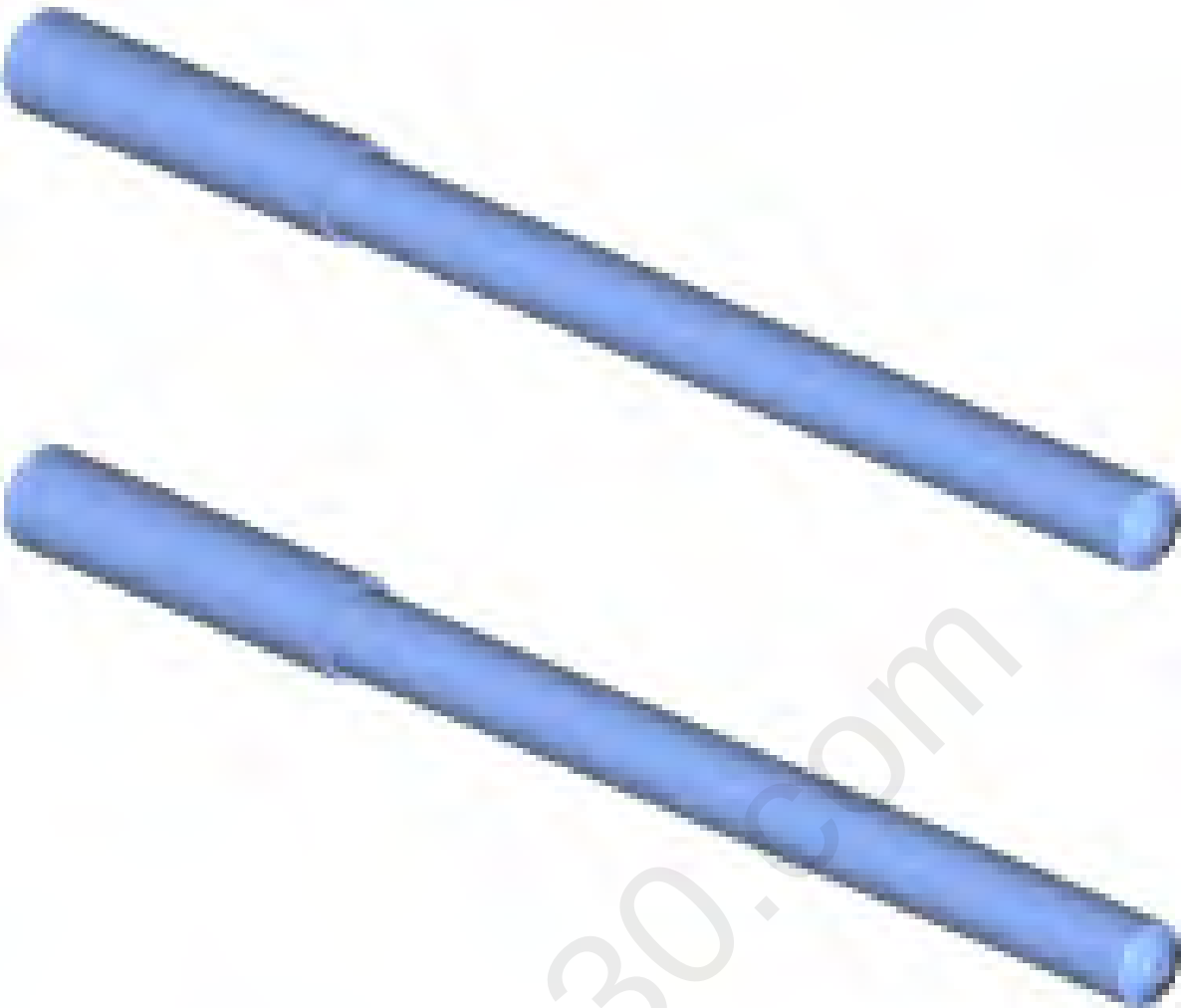
Illustration	Tool Number/ Description
 The illustration shows two identical blue cylindrical pins. They are positioned diagonally, with one pin above the other. Both pins have a smooth, uniform blue finish and rounded ends. A large, light gray watermark reading 'mcx30.com' is oriented diagonally across the lower half of the image. mcx30.com	CH-51034-A Cradle Alignment Pins

Illustration	Tool Number/ Description
 A blue metal engine support fixture. It consists of two long horizontal beams connected by four vertical supports. The fixture is secured with several clamps and bolts. A large diagonal watermark 'mcx30.com' is visible across the image.	EN-28467 - B J-28467 - B Engine Support Fixture
	EN-39580 Support Stand

Illustration	Tool Number/ Description
