

Service Manual: FRAME AND BUMPERS

SPECIAL TOOLS > SPECIAL TOOLS

Tool (EMEA)	Tool (NAFTA)	Name	Function
1871000700	C-4150A	Extractor	Tie Rod End Separator
1878077000	C-4755	Trim Stick	Trim Separation
2000043000	*	Universal Tool	Disassembly/Replacement Crossmember Front/Rear
2000043300	*	Pin Round/Conical Centering Body	Disassembly/Replacement Crossmember Front/Rear
2000043500	*	Crossmember Centering Pin/Bracket	Disassembly/Replacement Crossmember Front/Rear
2000043600	*	Crossmember Centering Pin	Disassembly/Replacement Crossmember Front/Rear
*Tool not available for NAFTA. Use a commercially available tool or contact Mopar® Essential Tools to order the custom EMEA tool.			

SPECIFICATIONS > TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS

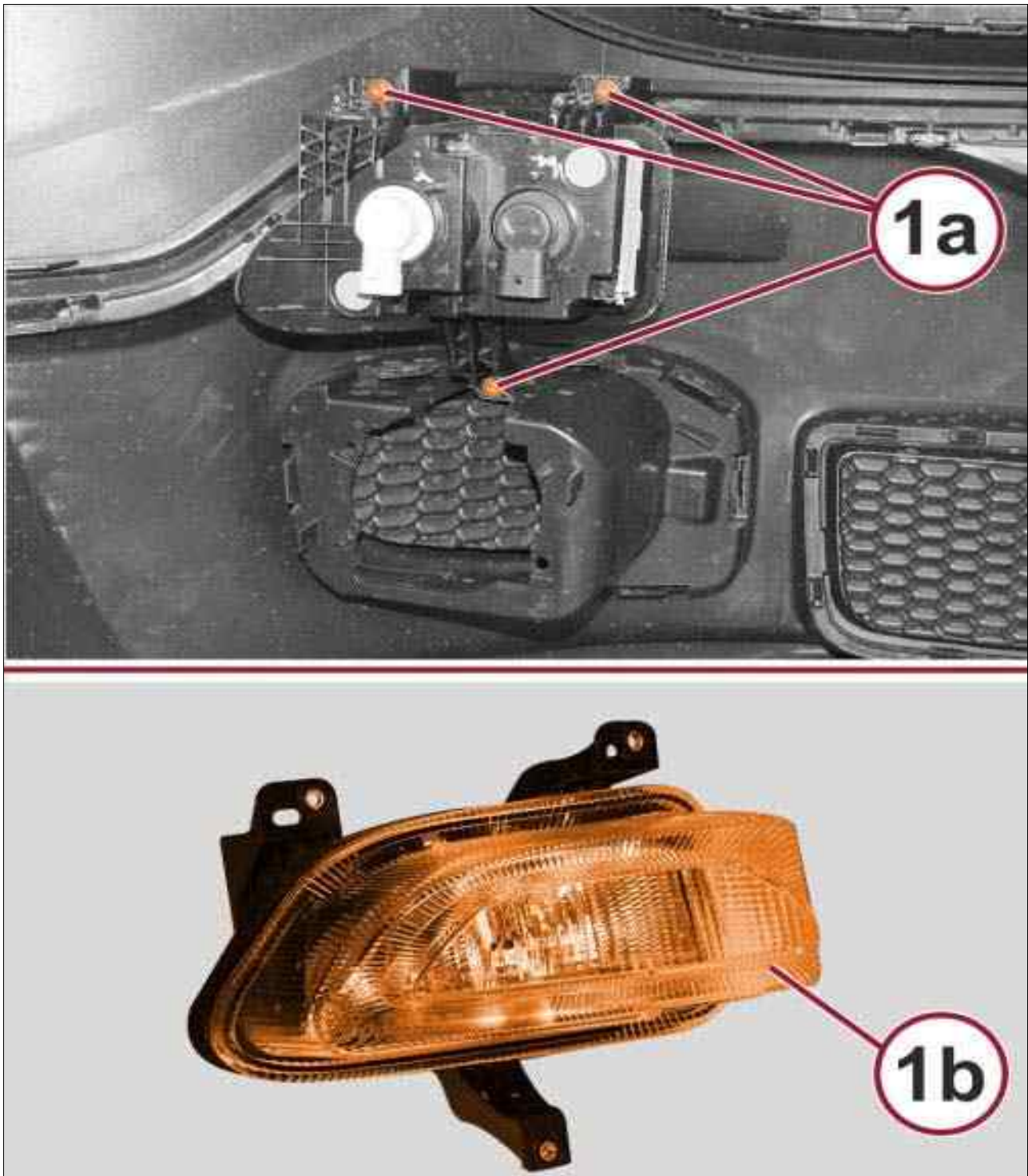
Description	N.m	Ft Lbs	In Lbs	NEW FASTENER*
Front bumper bolts	45	33	-	
Front belly pan bolts	20	15	-	
Front crossmember lower reaction rod front bolt	90 + 45°	66 + 45°	-	
Front crossmember lower reaction rod rear bolt	90 + 45°	66 + 45°	-	
Front suspension crossmember bolts	120 + 45°	89 + 45°	-	
Load beam bolts	100	74	-	
Lower load beam extension bolts	45	33	-	
Load beam support bracket bolts	50	37	-	
Rear bumper bolts	25	18	-	
Rear lower control arm to rear crossmember bolts	125	92	-	
Rear lower control arm to rear knuckle bolts + 90°	100 + 90°	74 + 90°	-	
Rear strut to rear knuckle + 90°	100 + 90°	74 + 90°		

Rear suspension crossmember bolts	120	89	-	
Side belly pan bolts	20	15	-	
Sway bar link to stabilizer bar nut	80	59	-	X
Wheel speed sensor screw	7	-	61	

***NEW FASTENER:** Do not reuse these fasteners. If removed, a new fastener must be installed and tightened to specifications.

BUMPERS > FASCIA, FRONT > DISASSEMBLY AND ASSEMBLY > DISASSEMBLY AND ASSEMBLY > DISASSEMBLY

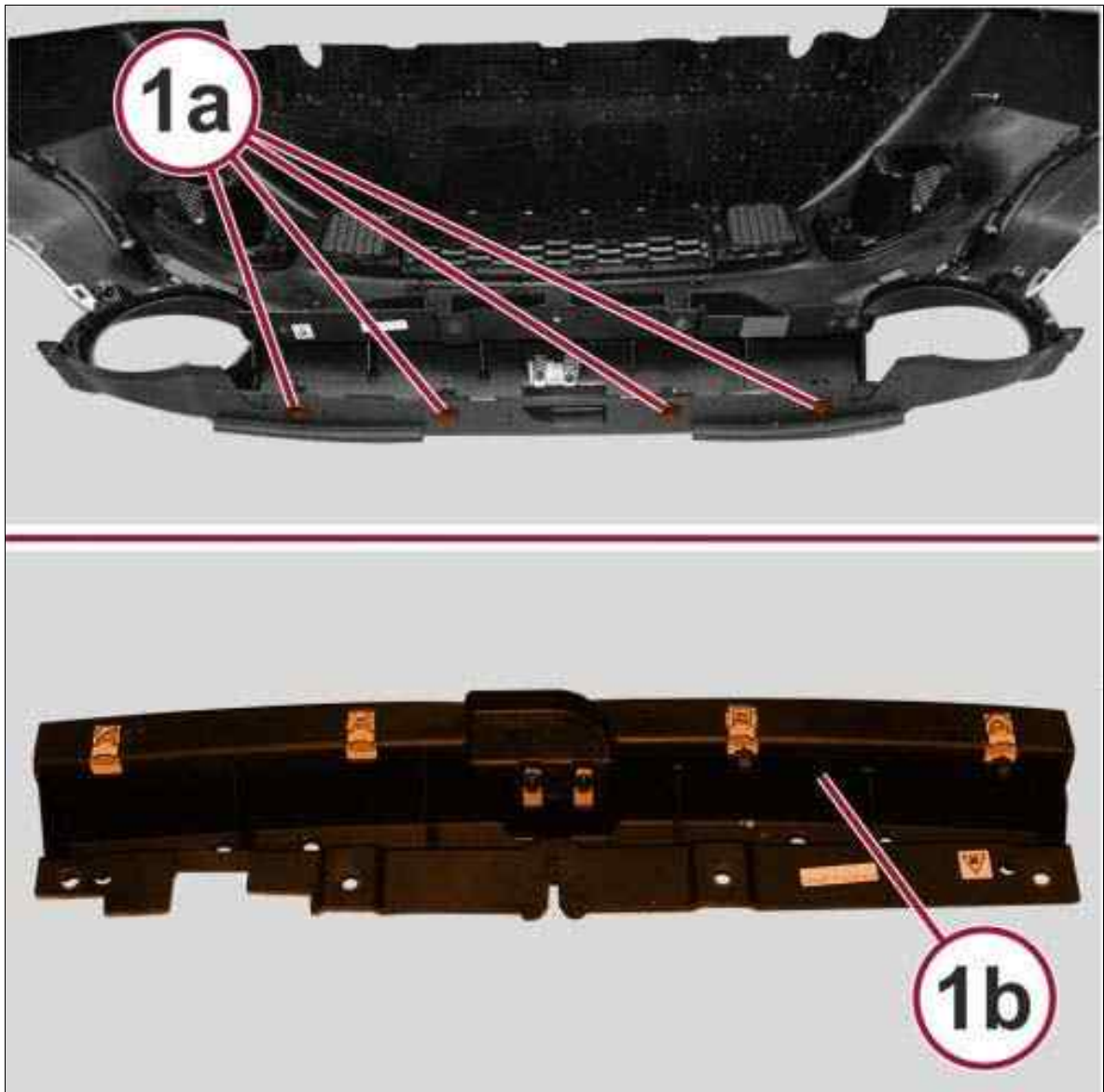
Fig 1: Headlight Assembly & Mounting Screws



Courtesy of CHRYSLER GROUP, LLC

1. Remove the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
2. Working from both sides, loosen the mounting screws (1a) and remove the headlight assembly (1b).

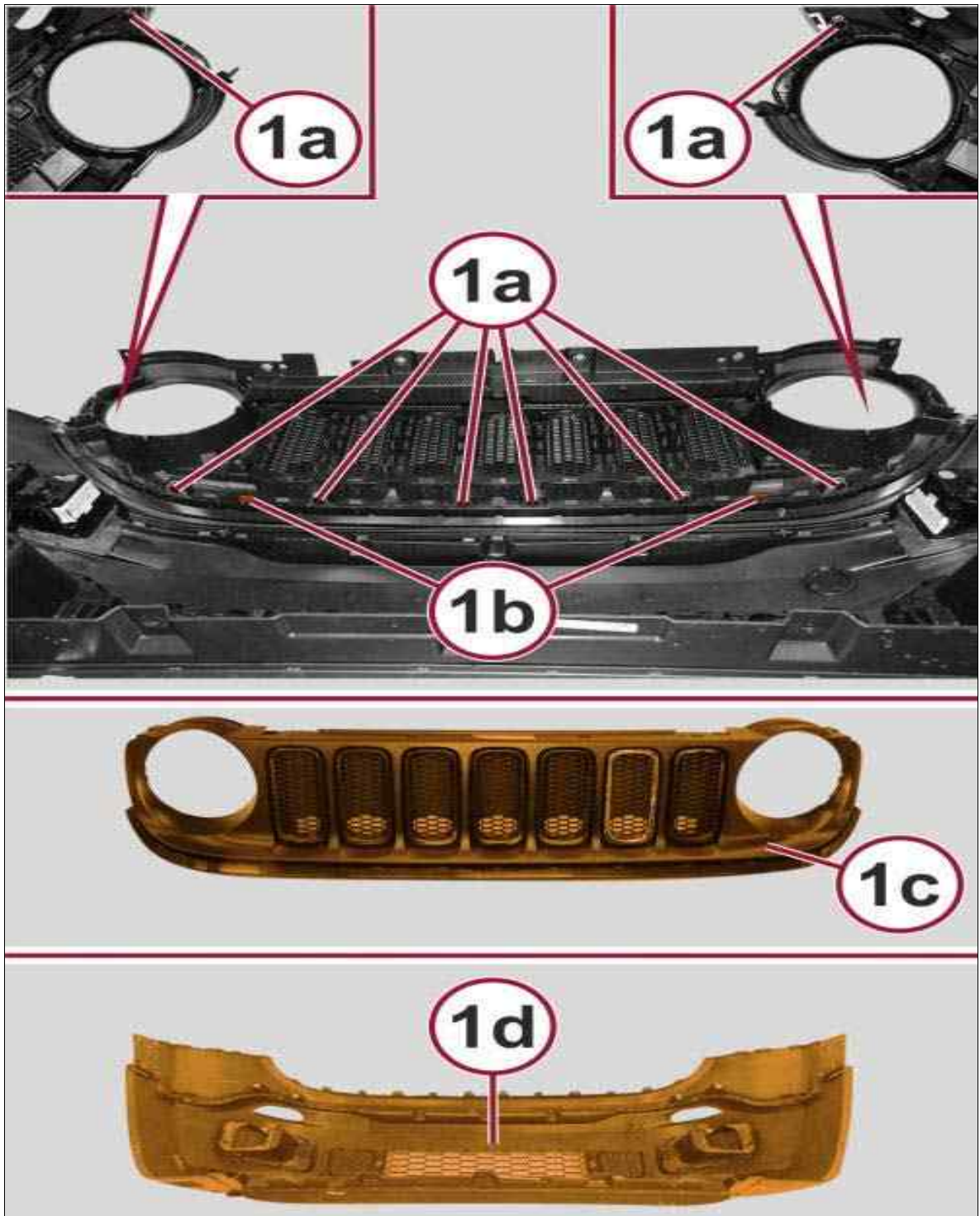
Fig 2: Reinforcement & Screws



Courtesy of CHRYSLER GROUP, LLC

3. Remove the screws at the top (1a) and remove reinforcement (1b).

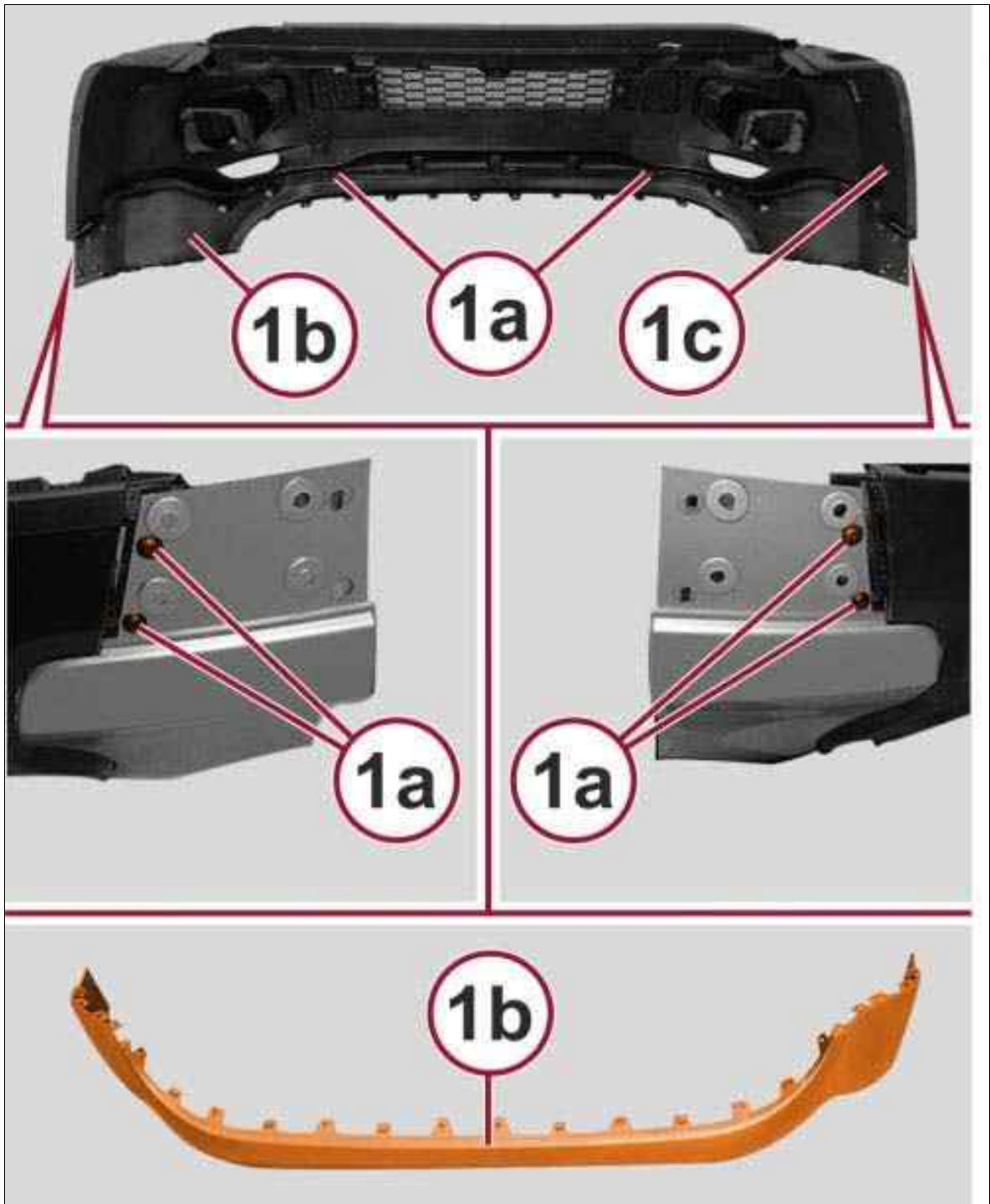
Fig 3: Fascias, Screws & Retainers



Courtesy of CHRYSLER GROUP, LLC

4. Remove the screws (1a), release the retainers (1b) and separate the upper fascia (1c) and lower (1d).

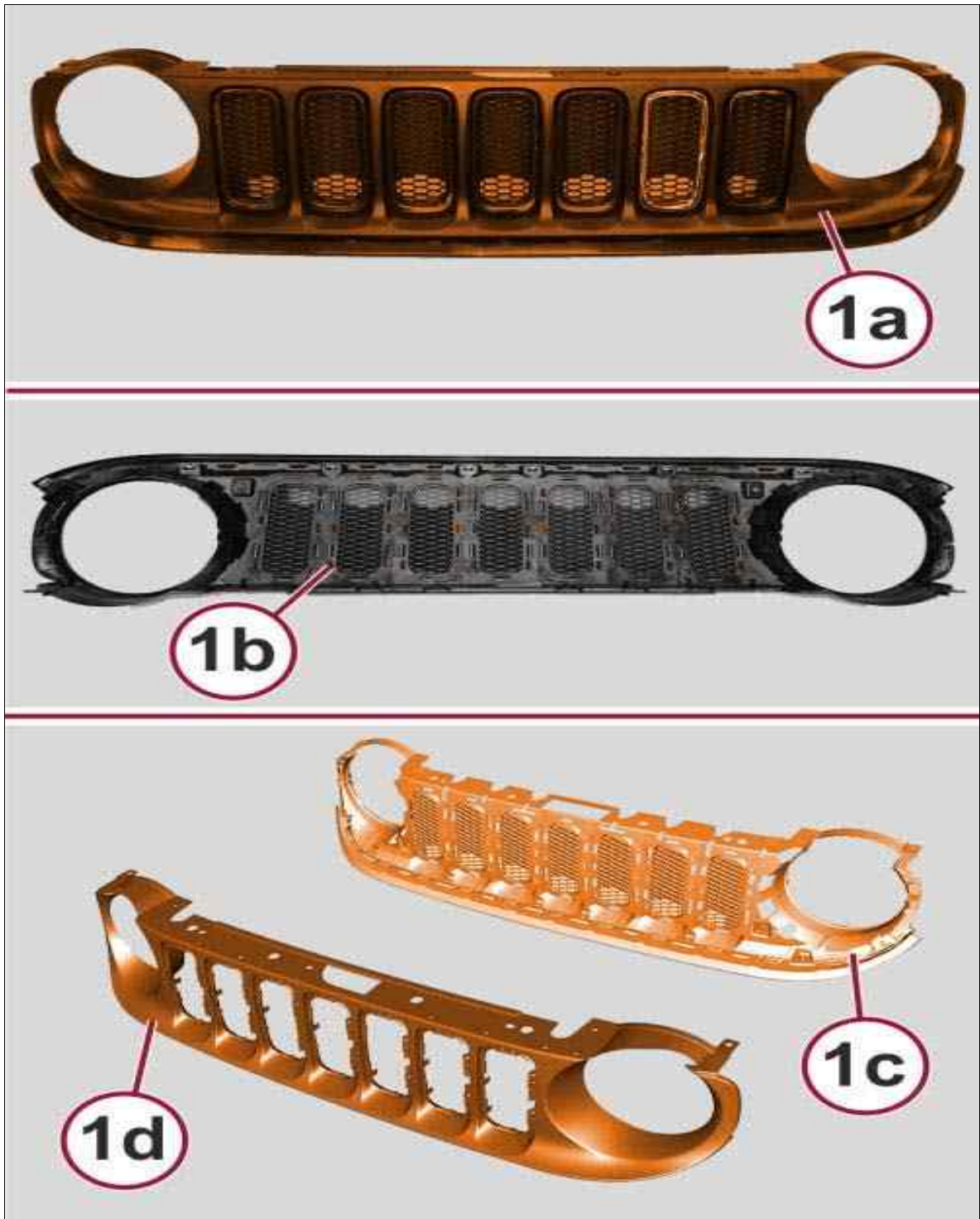
Fig 4: Fascias & Screws



Courtesy of CHRYSLER GROUP, LLC

5. Remove the screws (1a) and separate the smaller gauge (1b) and upper (1c) of the lower fascia.

Fig 5: Grille, Grille Insert & Retainers



Courtesy of CHRYSLER GROUP, LLC

6. If necessary, disassemble the grille (1a), the retainers (1b), separate grille (1c) and the grille insert (1d).

 **NOTE:**

If the retainers are damaged, the grille insert must be replaced.

Fig 6: Fog Light Caps, Cap Tow Bar & Retainers

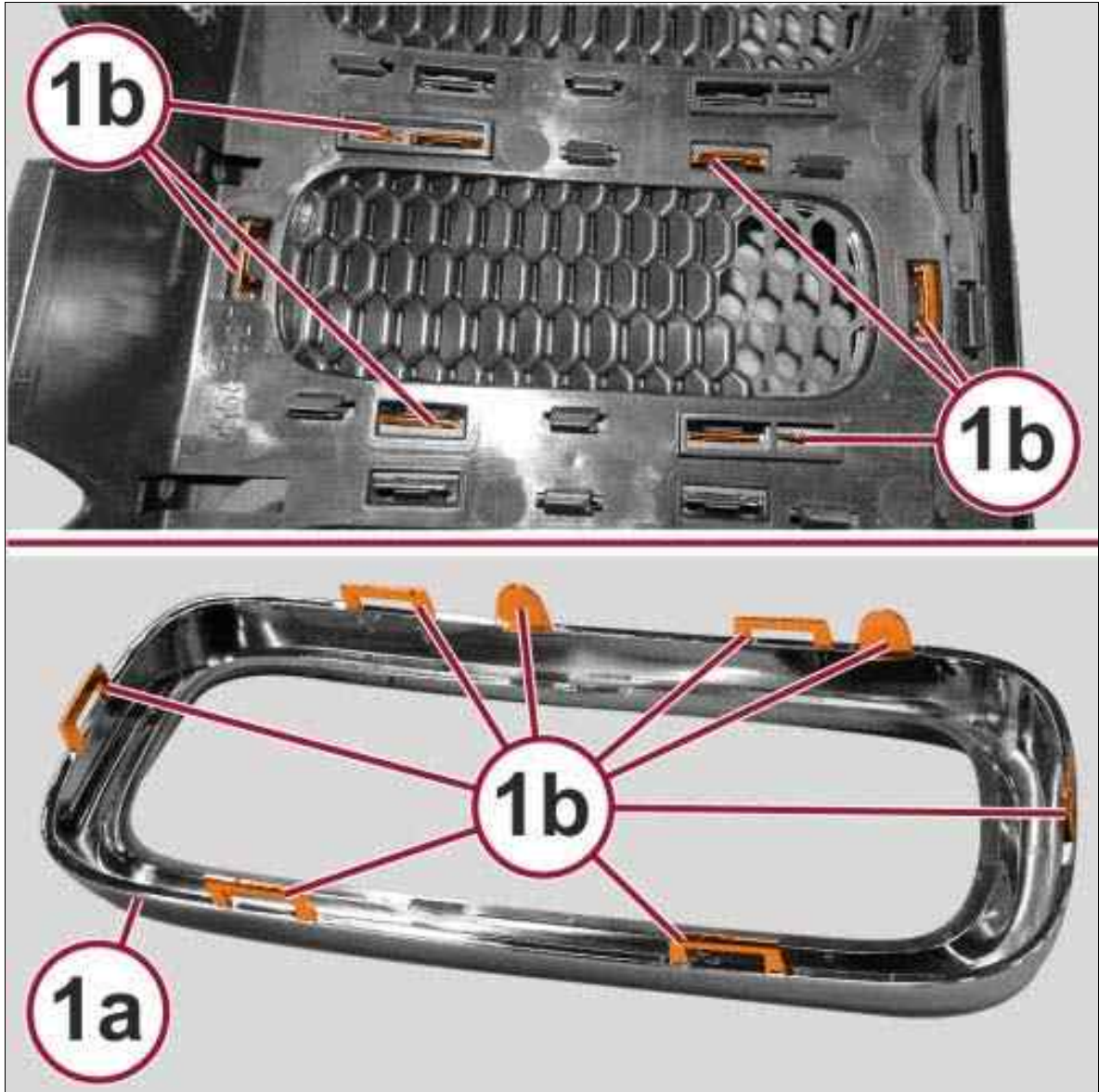


Courtesy of CHRYSLER GROUP, LLC

7. Working from both sides remove the fog light caps (1a) and the cap tow bar (1b) releasing

retainers (1c).

Fig 7: Grille Elements & Retainers



Courtesy of CHRYSLER GROUP, LLC

8. Remove the grille elements (1a) by releasing the retainers (1b).

BUMPERS > FASCIA, FRONT > DISASSEMBLY AND ASSEMBLY > DISASSEMBLY AND ASSEMBLY > ASSEMBLY

1. Install the grille elements by securing the retainers.
2. Working from both sides install the fog light caps and the cap tow bar securing retainers.
3. If necessary, assemble the grille and the grille insert and seat the retainers fully.



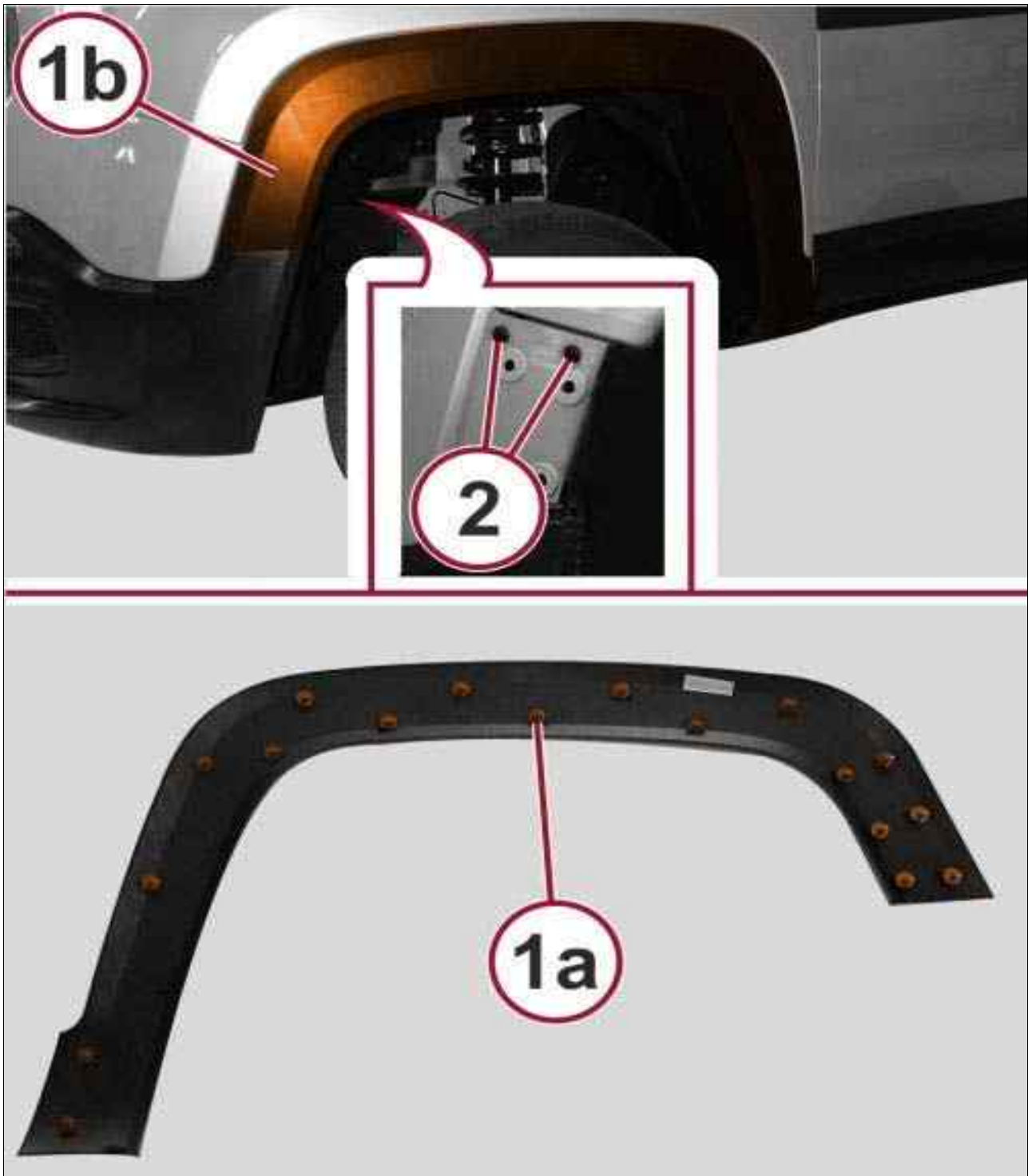
NOTE:

If the retainers are damaged, the grille insert must be replaced.

4. Reassemble the lower and upper lower fascia and tighten the screws.
5. Reassemble the upper and lower fascia, securing retainers and tighten the screws.
6. Install the reinforcement and tighten the screws at the top.
7. Working from both sides, install the headlight assembly tighten the mounting screws.

**BUMPERS > FASCIA, FRONT > REMOVAL AND INSTALLATION > REMOVAL AND
INSTALLATION > REMOVAL**

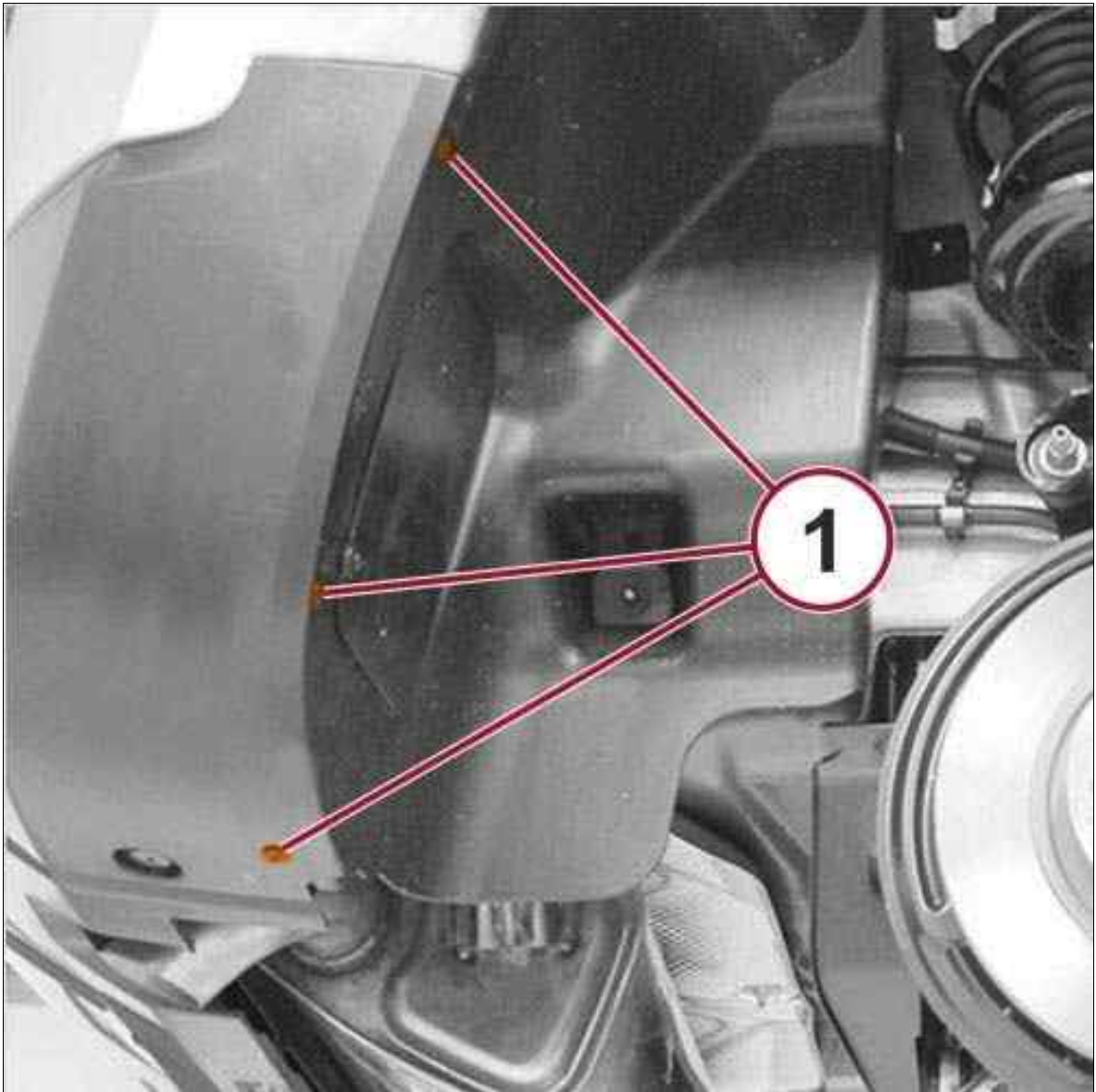
Fig 1: Retaining Clips, Front Wheel Moldings & Screws



Courtesy of CHRYSLER GROUP, LLC

1. Disconnect and isolate the negative battery cable.
2. Using trim stick or equivalent, release the retaining clips (1a) and remove the front wheel moldings (1b).
3. Remove the screws (2) on both side of the vehicle.

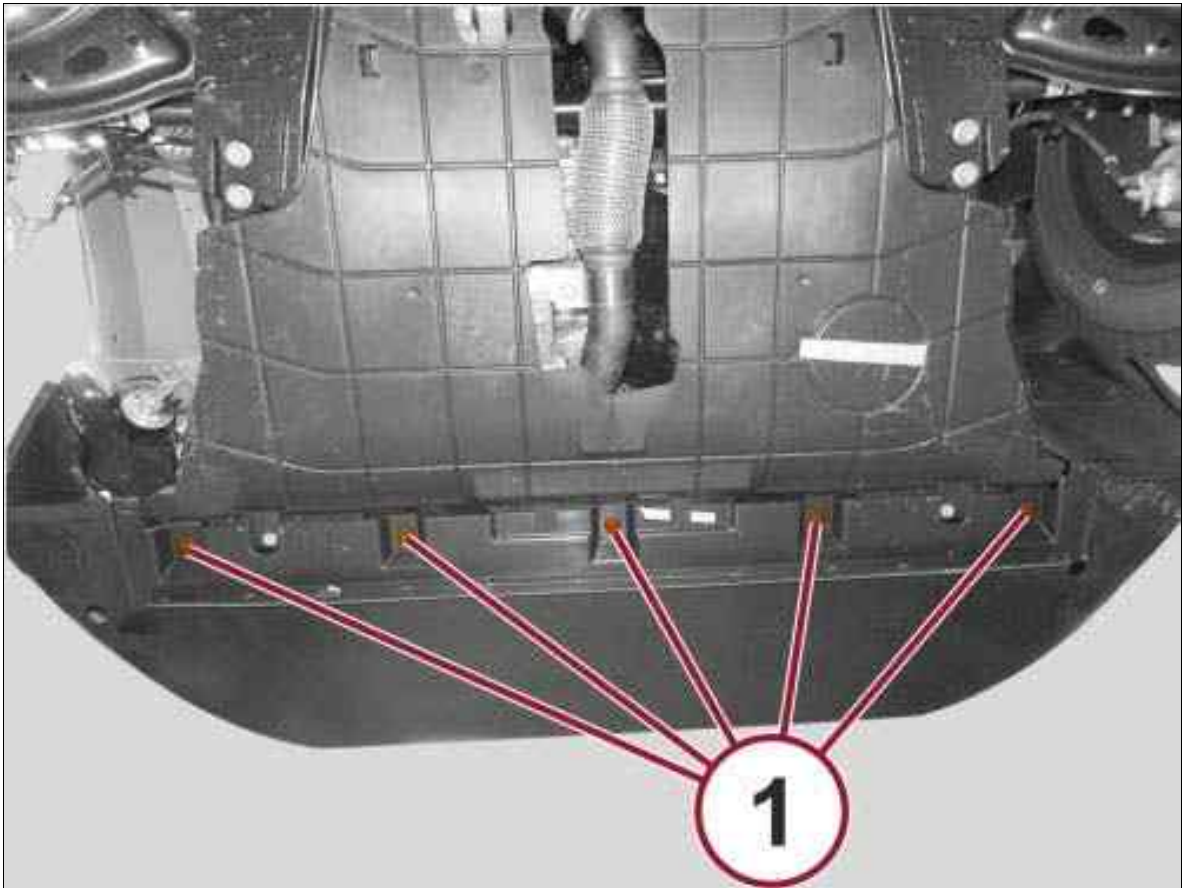
Fig 2: Front Wheel Splash Shield-To-Fascia Screws



Courtesy of CHRYSLER GROUP, LLC

4. Remove the screws (1) securing the front wheel splash shields to the fascia.

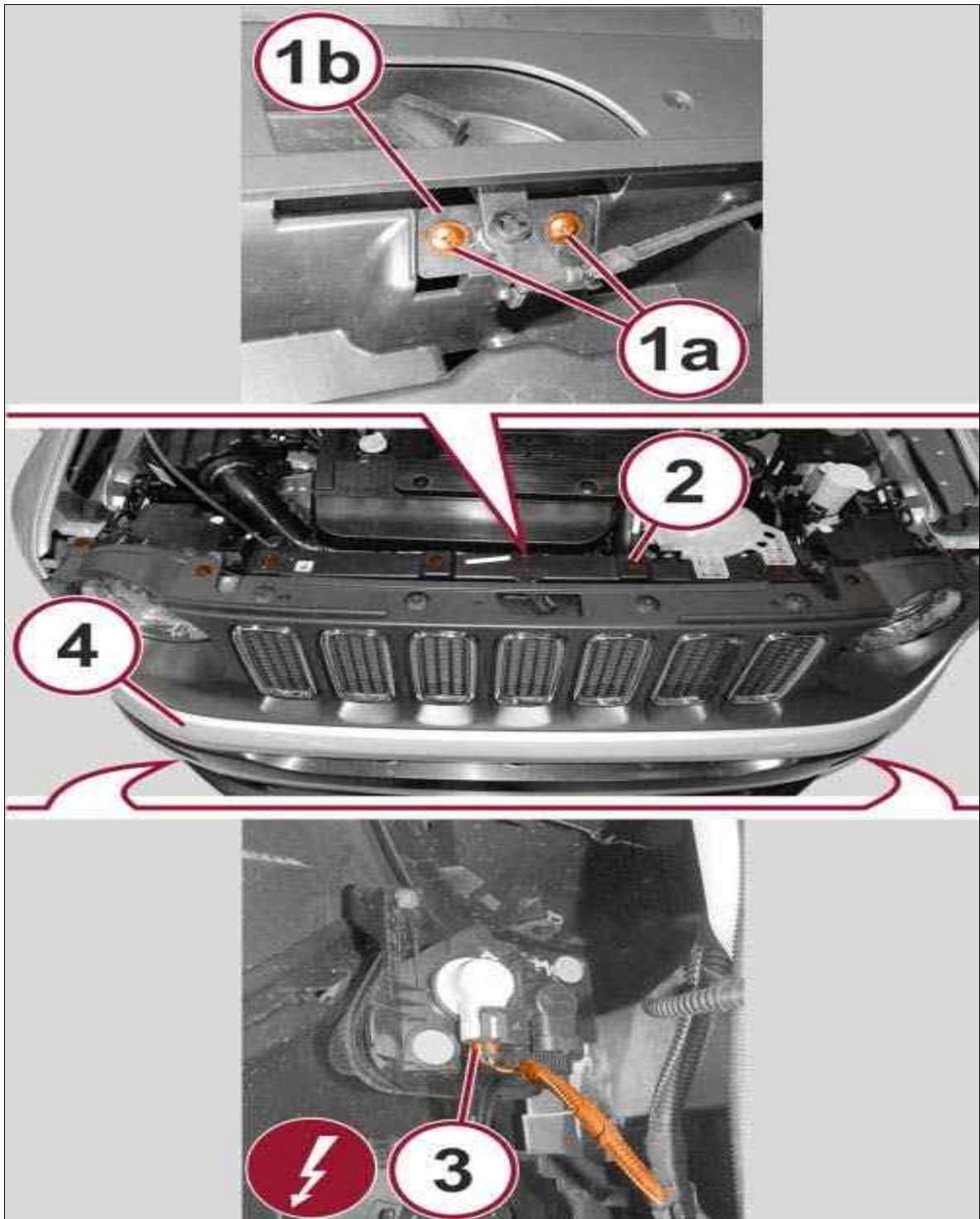
Fig 3: Screws



Courtesy of CHRYSLER GROUP, LLC

5. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
6. Remove the screws (1).

Fig 4: Release Handle, Wire Harness Connectors, Front Fascia & Screws



Courtesy of CHRYSLER GROUP, LLC

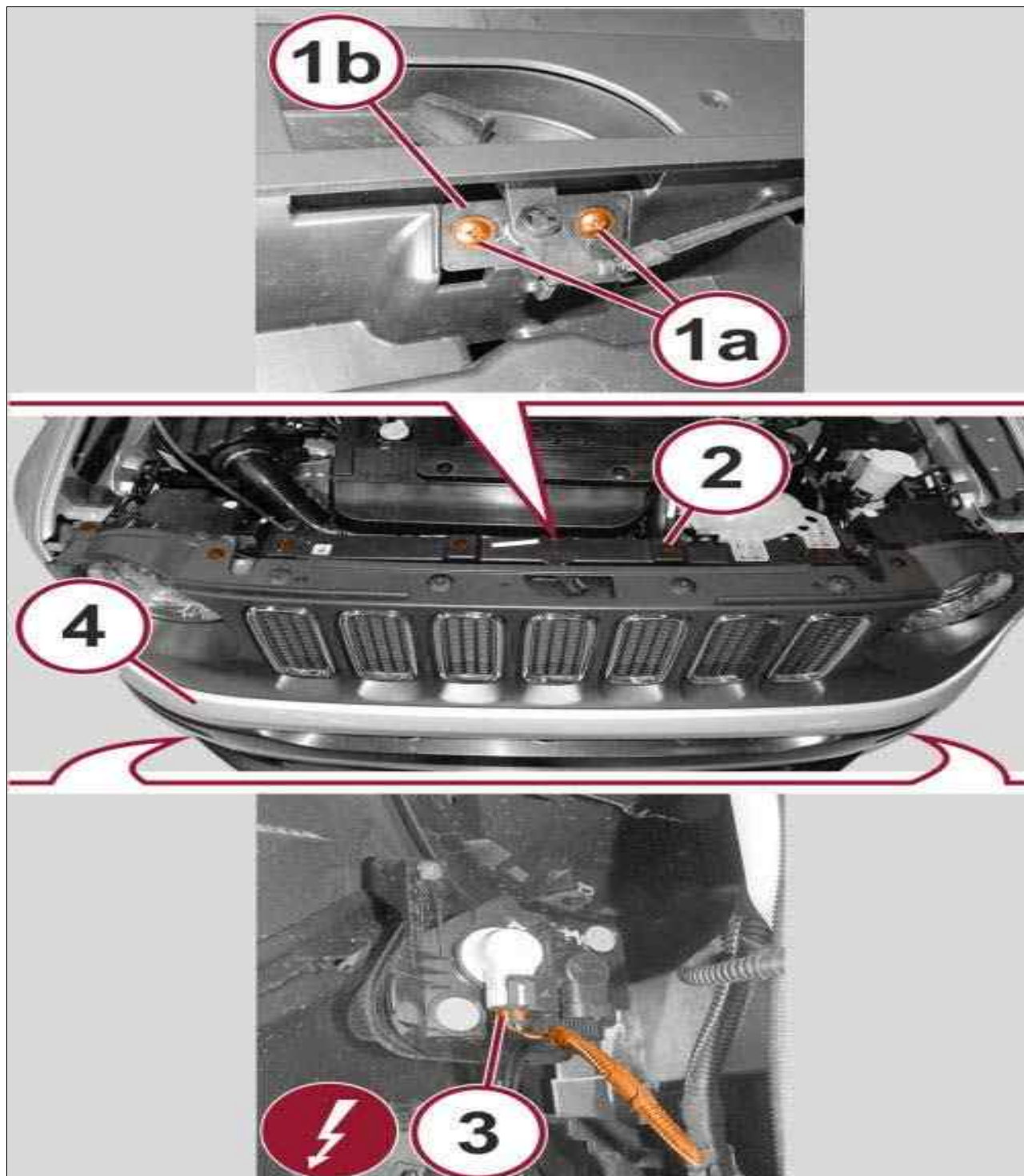
7. Lower the vehicle.
8. Remove the screws (1a) and position the release handle (1b) aside.
9. Remove the screws (2) at the top of the front fascia.
10. Disconnect the wire harness connectors (3) from the head lamps.

11. If equipped, disconnect the wire harness connectors from the fog lamps.

12. Remove the front fascia (4).

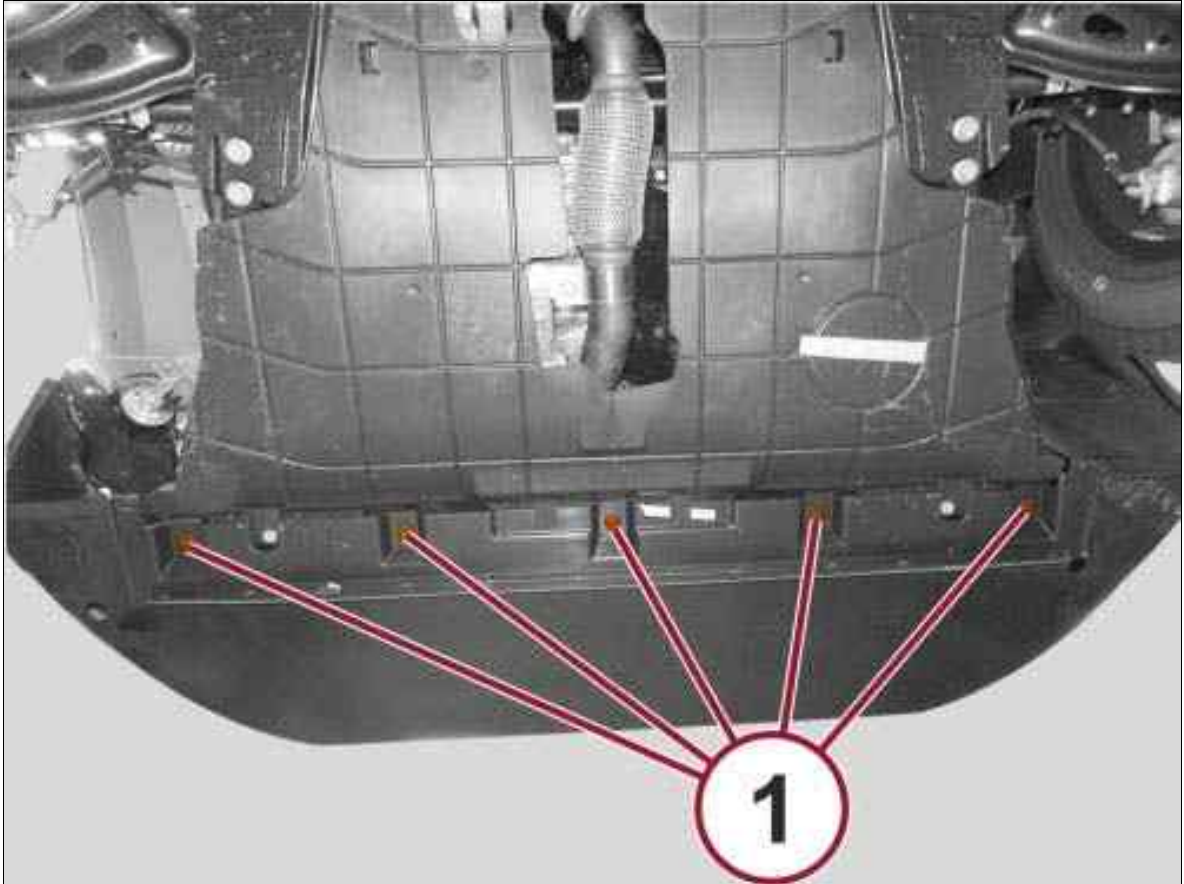
BUMPERS > FASCIA, FRONT > REMOVAL AND INSTALLATION > REMOVAL AND INSTALLATION > INSTALLATION

Fig 1: Release Handle, Wire Harness Connectors, Front Fascia & Screws



1. Position the front fascia (4) and install the screws (2). Tighten the screws securely.
2. Position the release lever (1b) and install the screws (1a). Tighten the screws securely.
3. Connect the wire harness connectors (3) to the head lamps.
4. If equipped, connect the wire harness connectors to the fog lamps.

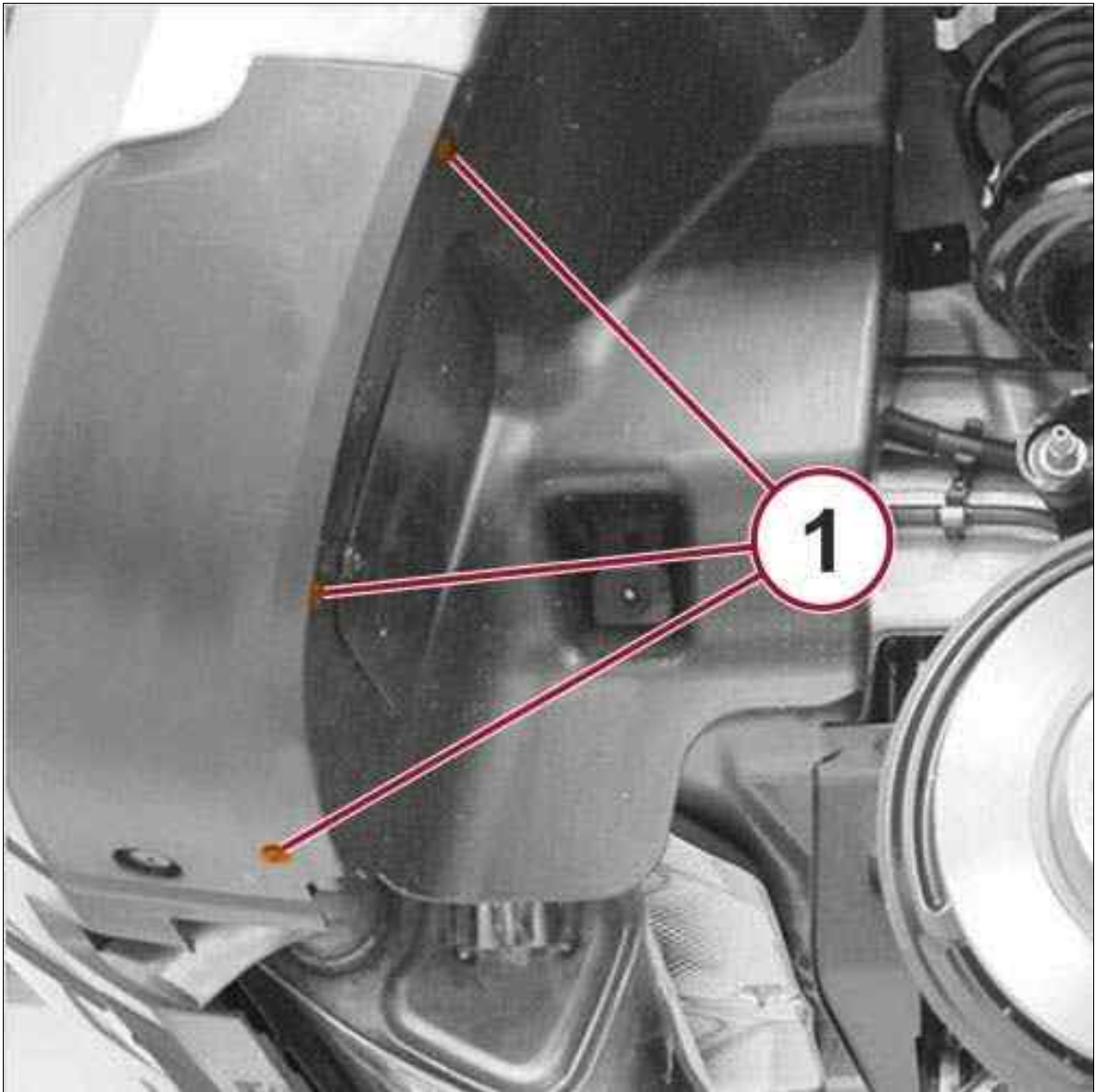
Fig 2: Screws



Courtesy of CHRYSLER GROUP, LLC

5. From under the vehicle, install the screws (1) and tighten securely.

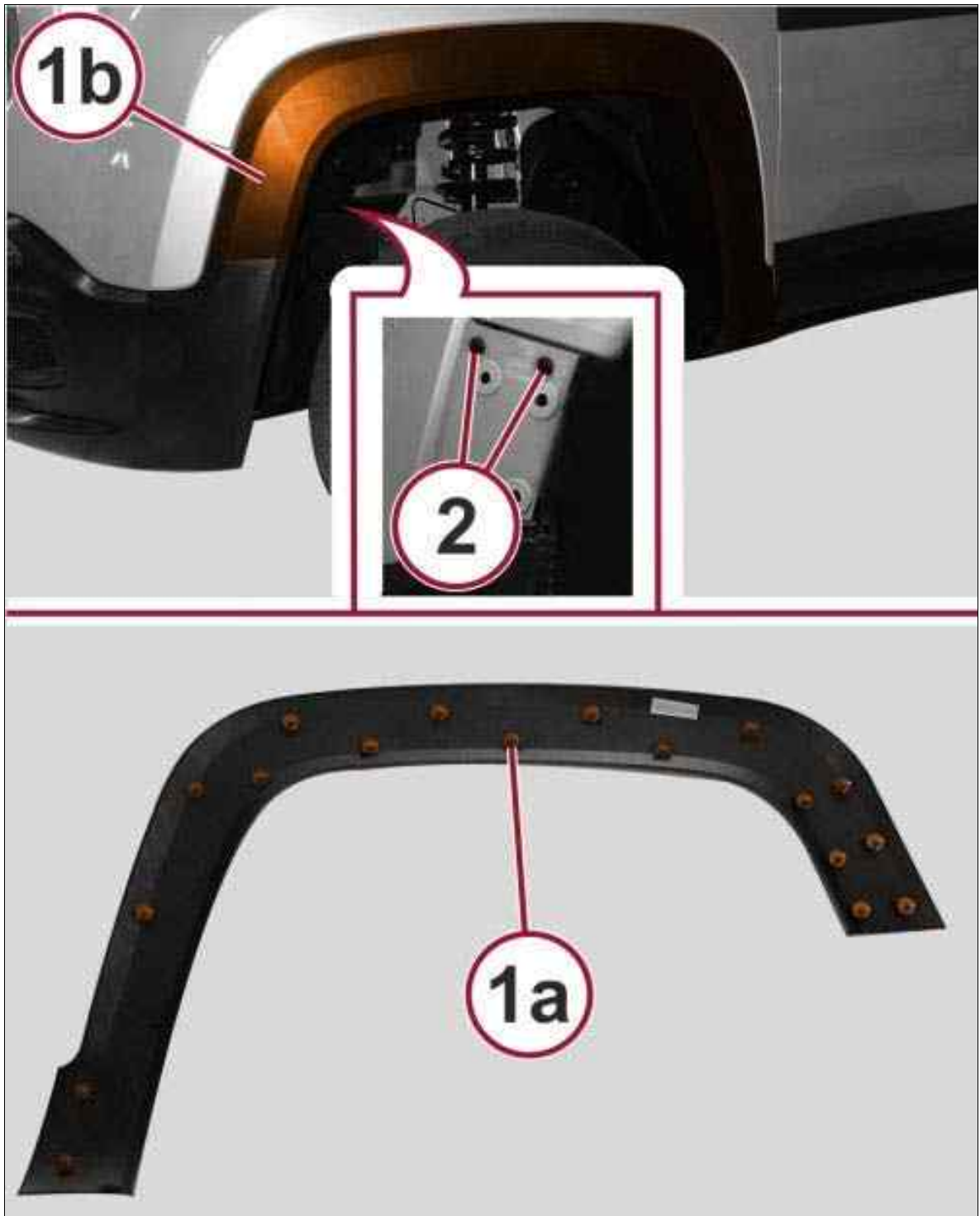
Fig 3: Front Wheel Splash Shield-To-Fascia Screws



Courtesy of CHRYSLER GROUP, LLC

6. Install the screws (1) securing the front wheel splash shields to the front fascia, and tighten securely.

Fig 4: Retaining Clips, Front Wheel Moldings & Screws

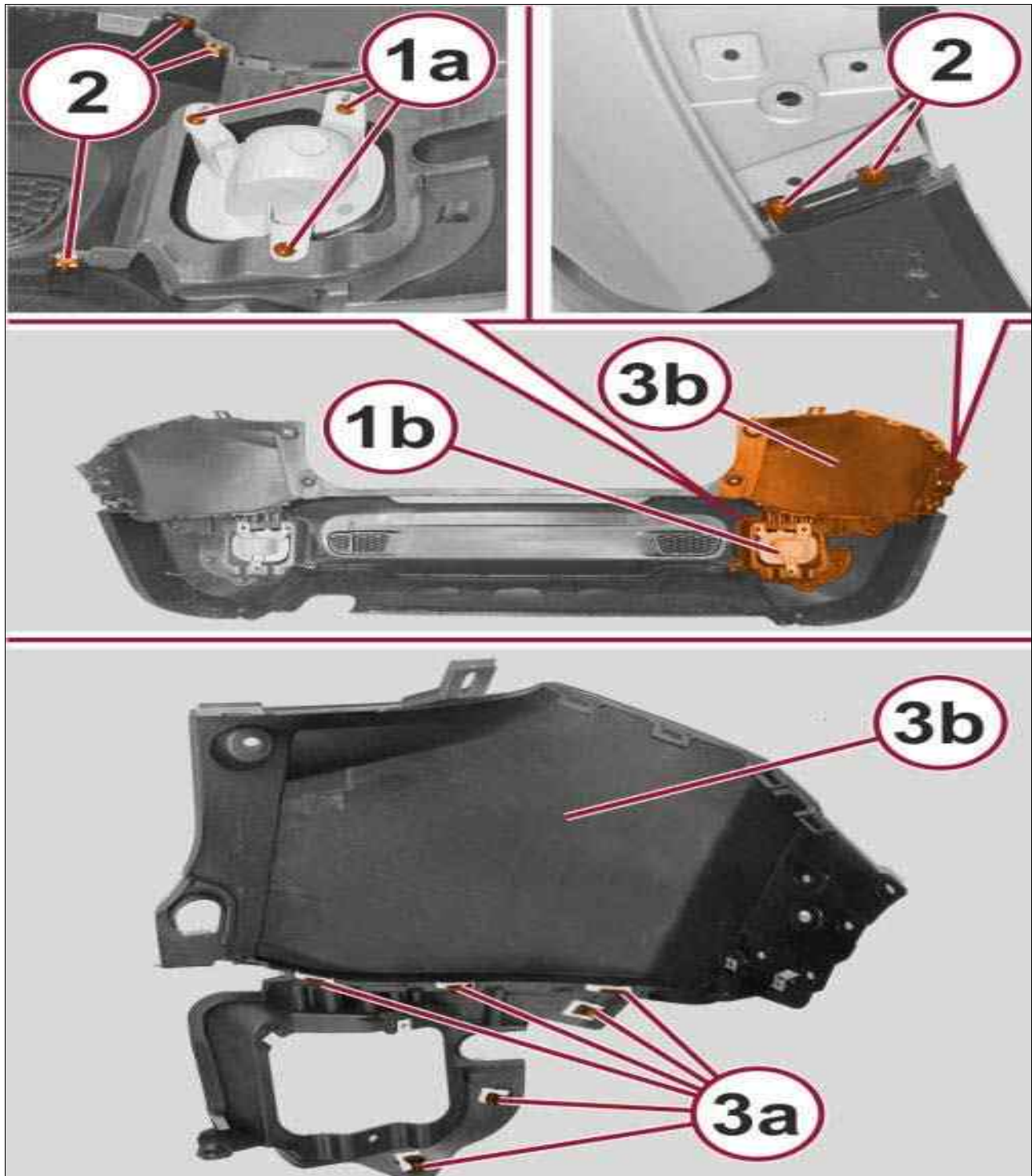


Courtesy of CHRYSLER GROUP, LLC

7. Install the screws (2) on both side of the vehicle, and tighten securely.
8. Position the front wheel moldings (1b) and hand tap to engage the retaining clips.
9. Connect the negative battery cable.

BUMPERS > FASCIA, REAR > DISASSEMBLY AND ASSEMBLY > DISASSEMBLY AND ASSEMBLY > DISASSEMBLY

Fig 1: Reflector, Fascia Side, Screws & Retainers



Courtesy of CHRYSLER GROUP, LLC

1. Remove the rear fascia. Refer to FASCIA, REAR, REMOVAL AND INSTALLATION .
2. Remove the rear fog lights. Refer to LAMP, FOG, REMOVAL AND INSTALLATION .

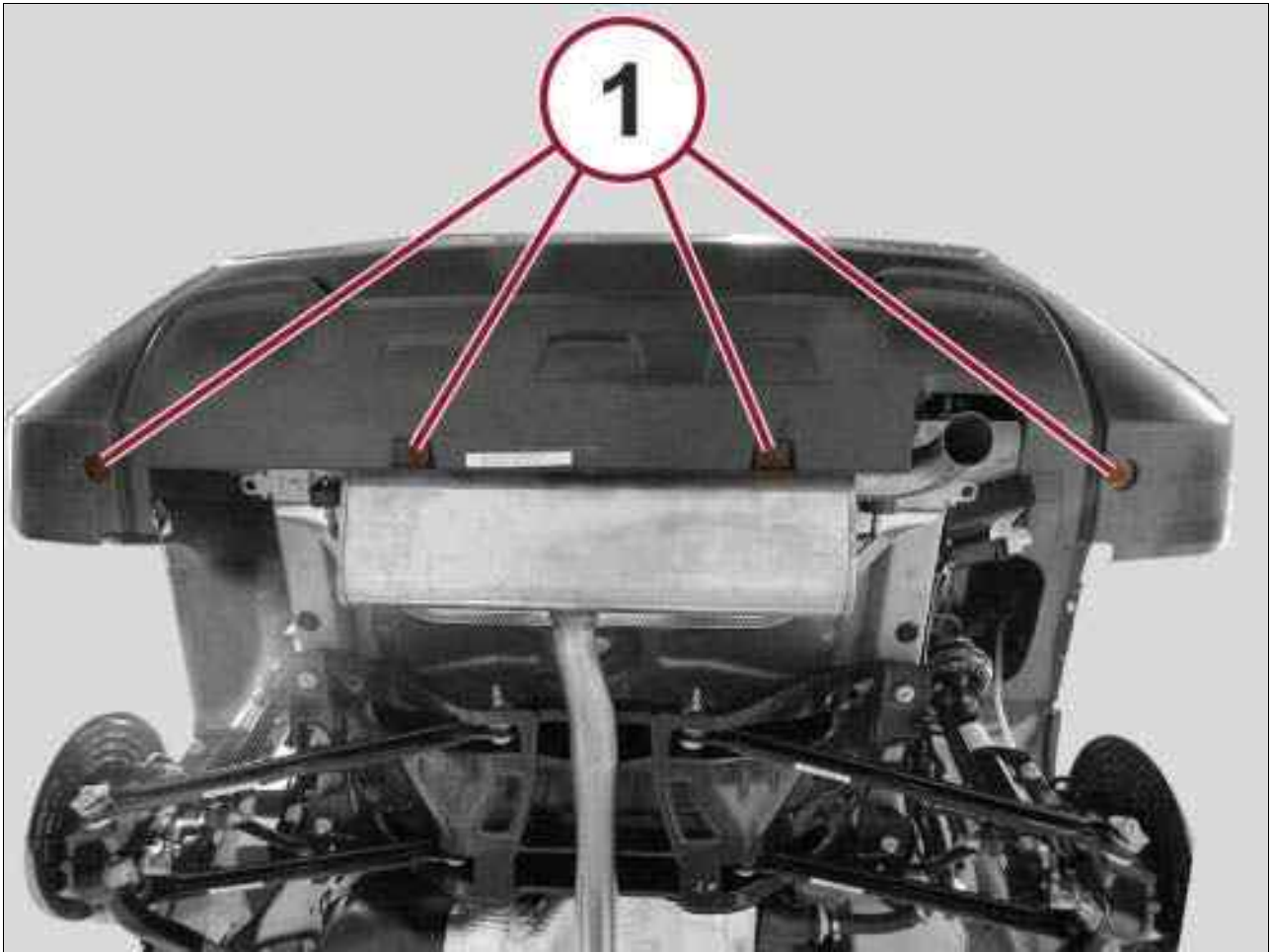
3. Remove the screws (1a) and remove the reflector (1b).
4. Remove the screws (2).
5. Separate the retainers (3a) and remove the fascia side (3b).

BUMPERS > FASCIA, REAR > DISASSEMBLY AND ASSEMBLY > DISASSEMBLY AND ASSEMBLY > ASSEMBLY

1. Install the fascia sides and seat the retainers fully.
2. Tighten the screws.
3. Install the reflector and tighten the screws.
4. Install the rear fog lights. Refer to LAMP, FOG, REMOVAL AND INSTALLATION .
5. Install the rear fascia. Refer to FASCIA, REAR, REMOVAL AND INSTALLATION .

BUMPERS > FASCIA, REAR > REMOVAL AND INSTALLATION > REMOVAL AND INSTALLATION > REMOVAL

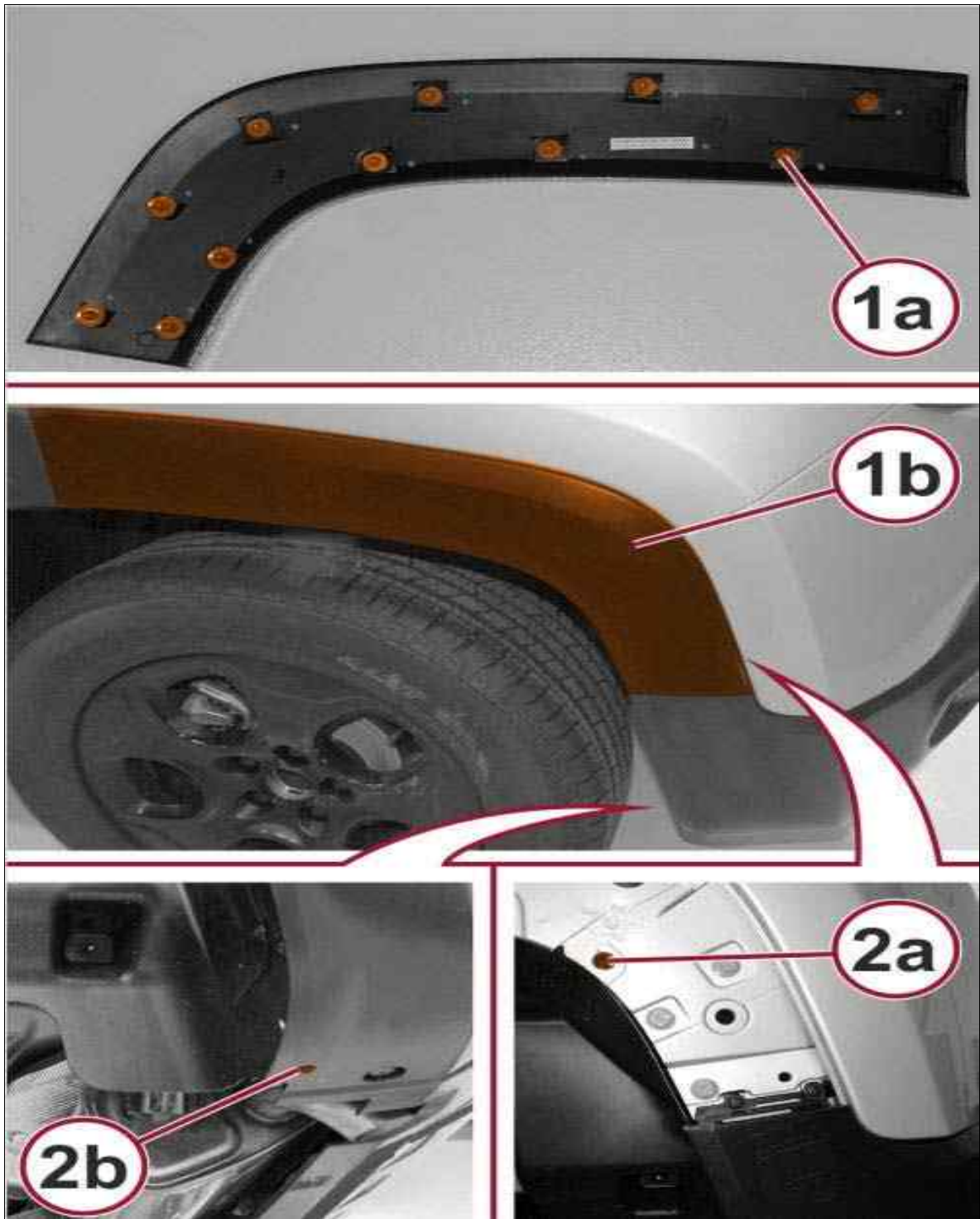
Fig 1: Screws



Courtesy of CHRYSLER GROUP, LLC

1. Disconnect and isolate the negative battery cable.
2. Remove the tail lamps. Refer to LAMP, TAIL, REMOVAL AND INSTALLATION .
3. Remove the screws (1) at the bottom of the rear fascia.

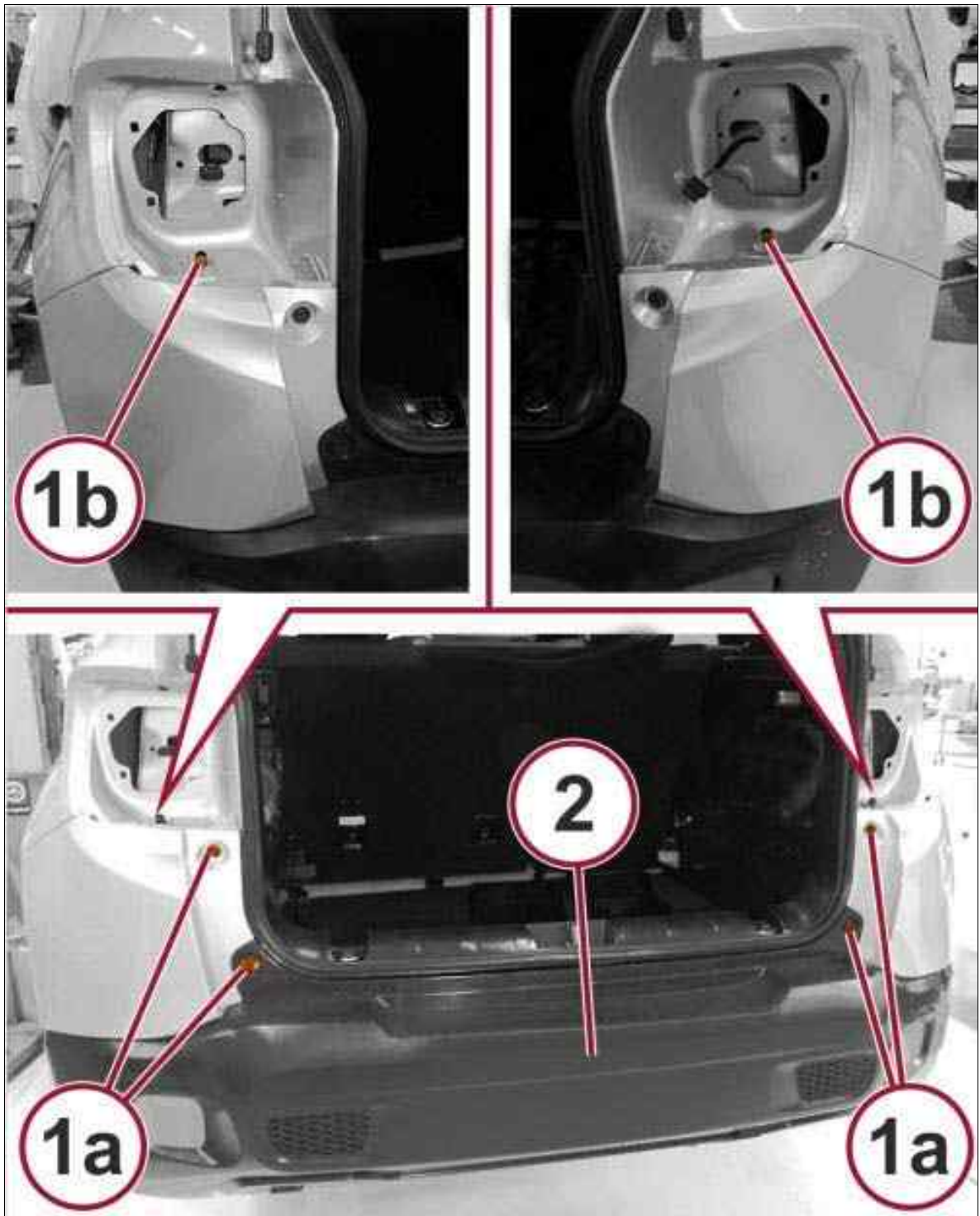
Fig 2: Rear Wheel Molding, Clips & Screws



Courtesy of CHRYSLER GROUP, LLC

4. Using a trim stick or equivalent, release the clips (1a) and remove the rear wheel moldings (1b).
5. Remove the screws (2a and 2b) from both sides of the front fascia.

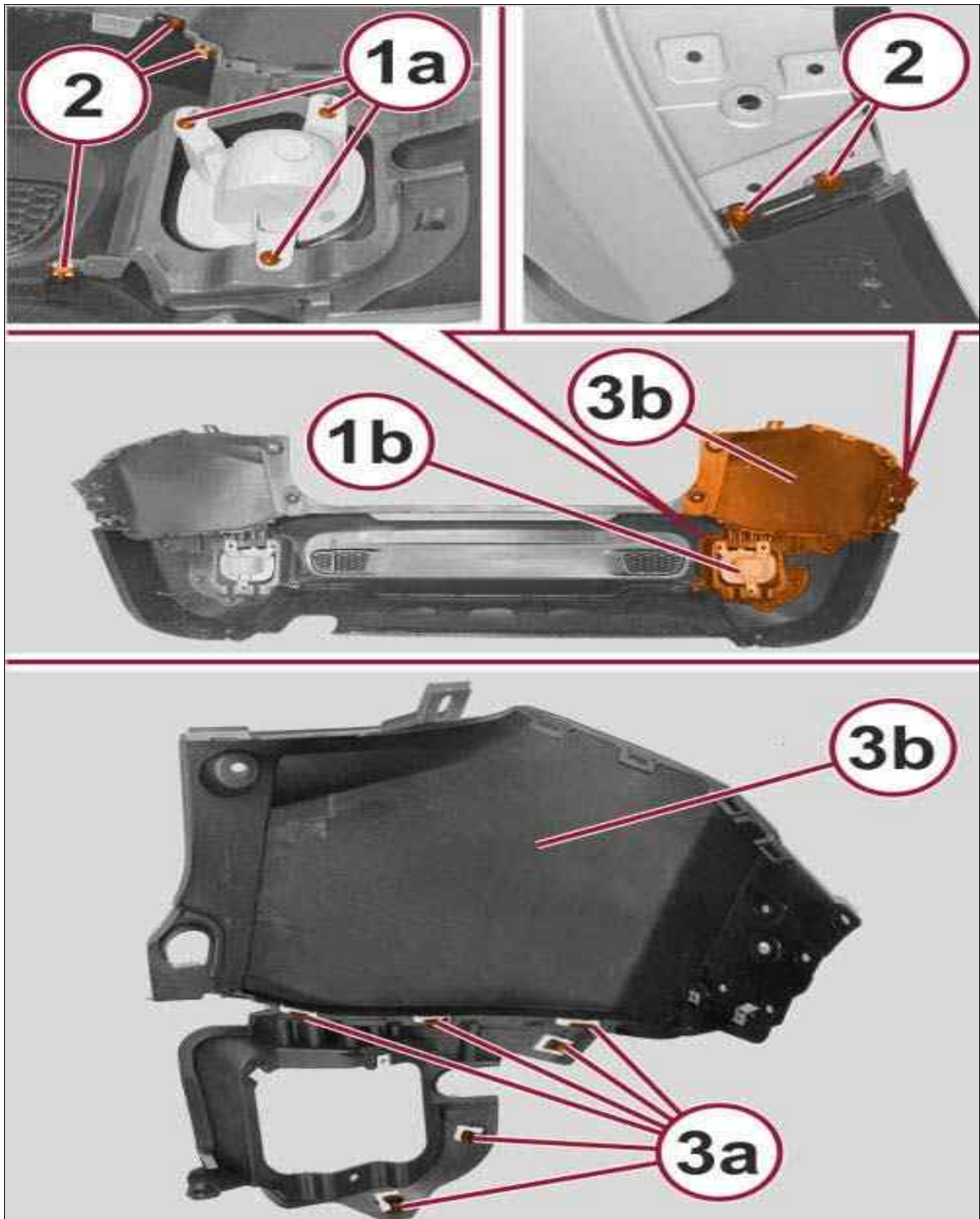
Fig 3: Rear Fascia & Screws



Courtesy of CHRYSLER GROUP, LLC

6. Remove the screws (1a and 1b).
7. Remove the rear fascia.

Fig 4: Reflector, Fascia Side, Screws & Retainers

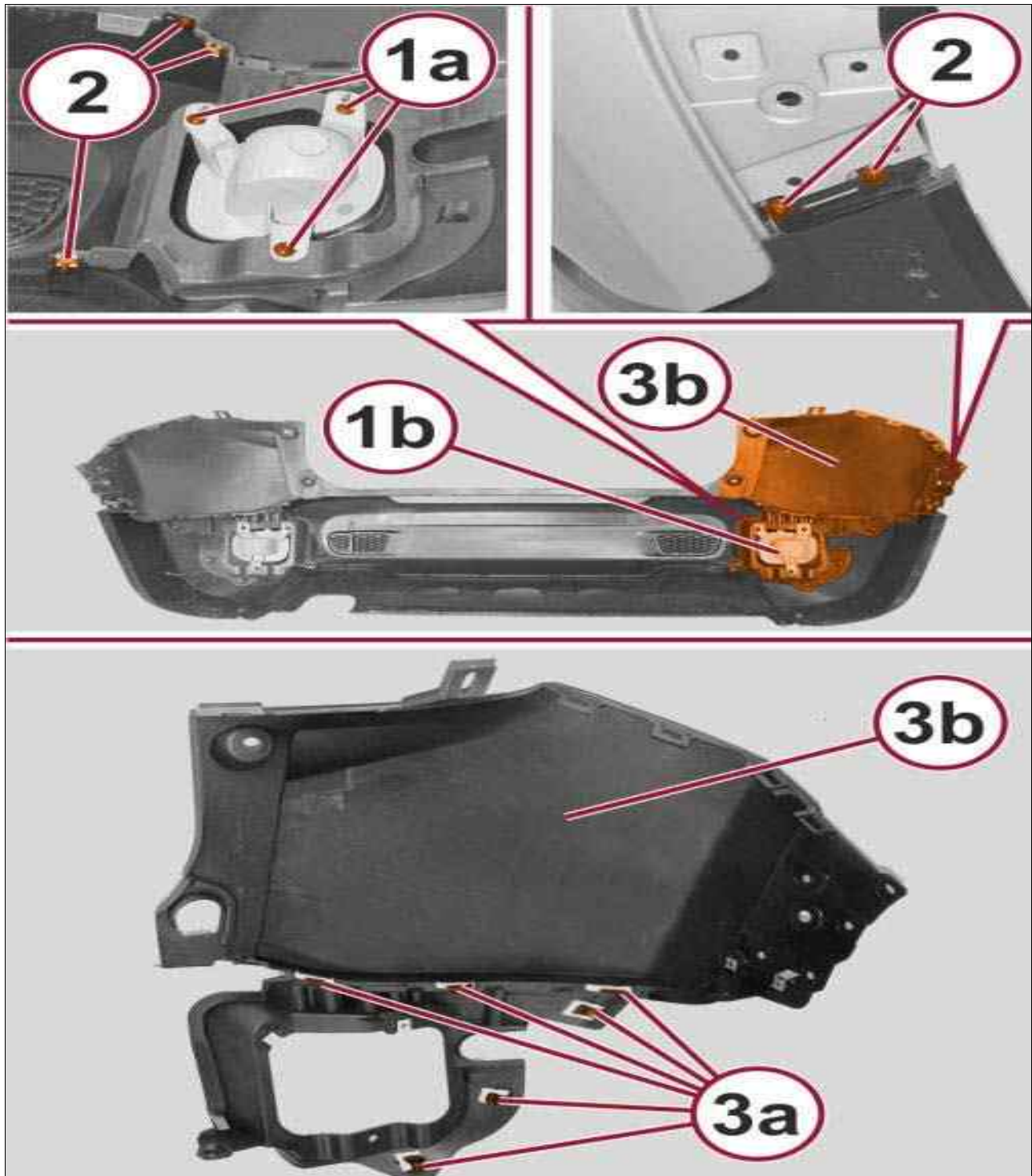


Courtesy of CHRYSLER GROUP, LLC

8. Remove the screws (1a) and the reflectors (1b).
9. Remove the screws (2).
10. Using a small flat bladed tool, release the tabs (3a) and remove the rear fascia extension (3b).

BUMPERS > FASCIA, REAR > REMOVAL AND INSTALLATION > REMOVAL AND INSTALLATION > INSTALLATION

Fig 1: Reflector, Fascia Side, Screws & Retainers

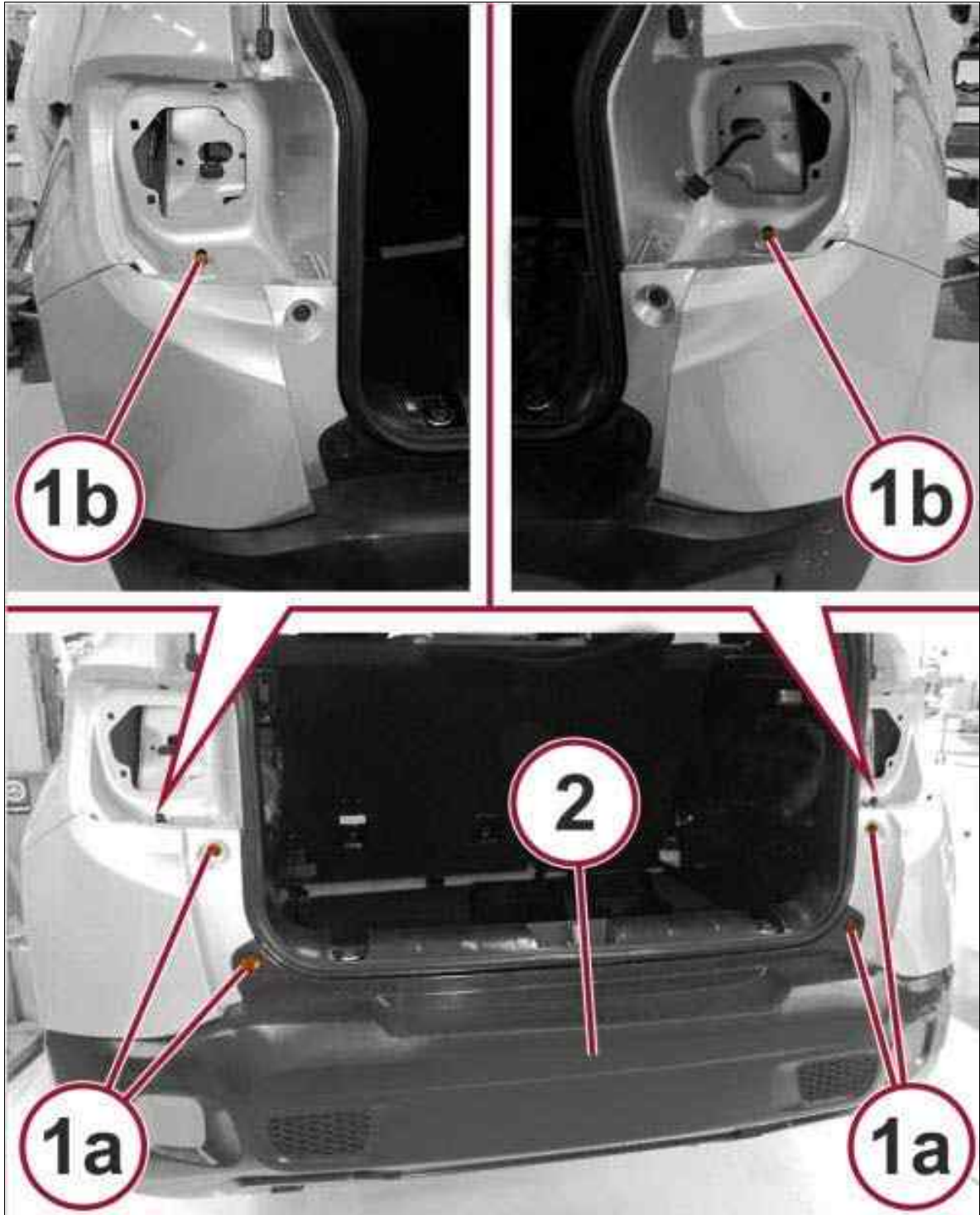


Courtesy of CHRYSLER GROUP, LLC

1. Position the rear fascia extension (3b) and engage the tabs (3a).
2. Install the reflectors (1b) and tighten the screws (1a) securely.

3. Install the screws (2) and tighten securely.

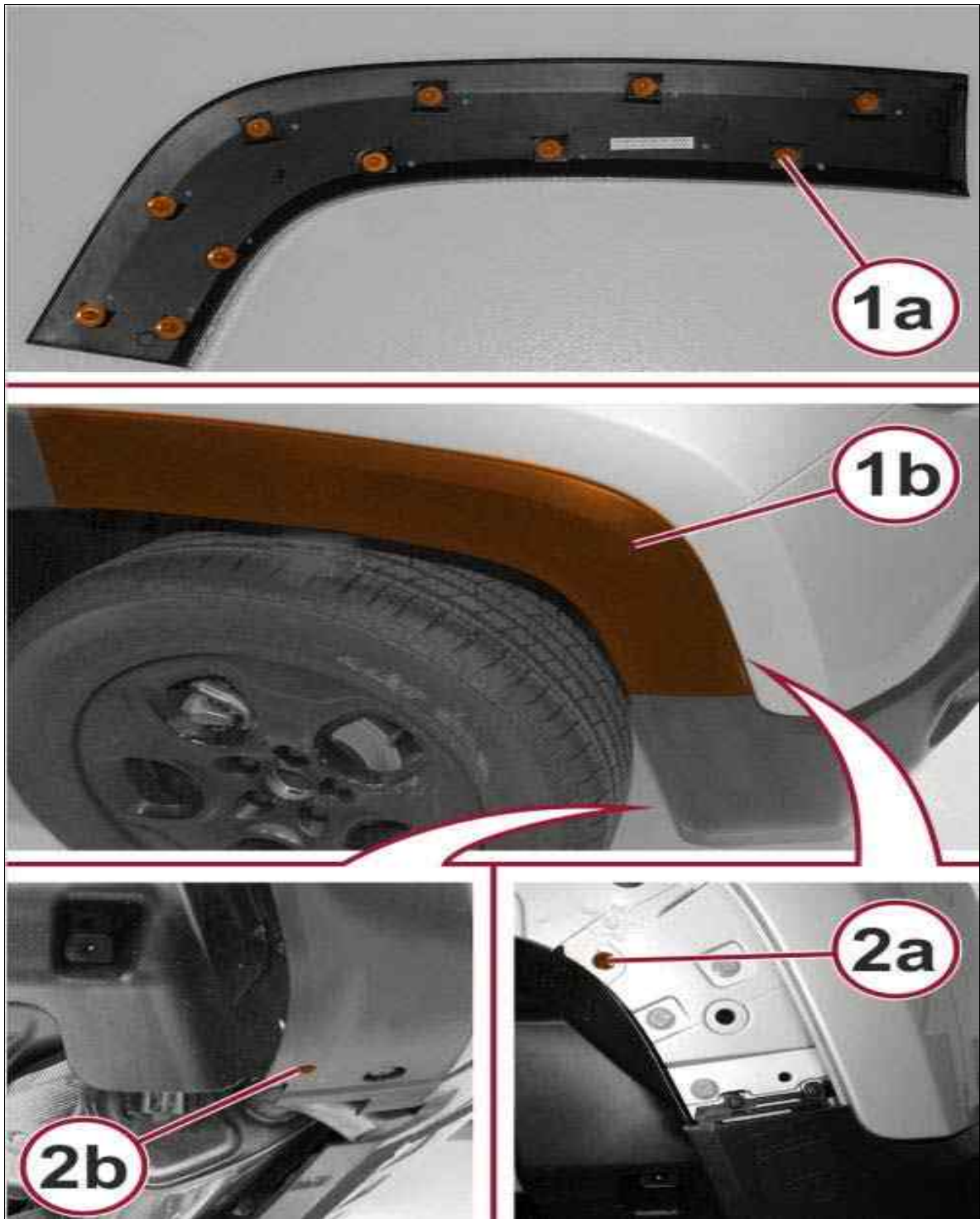
Fig 2: Rear Fascia & Screws



Courtesy of CHRYSLER GROUP, LLC

4. Position the rear fascia (2) and install the screws (1a and 1b). Tighten the screws securely.

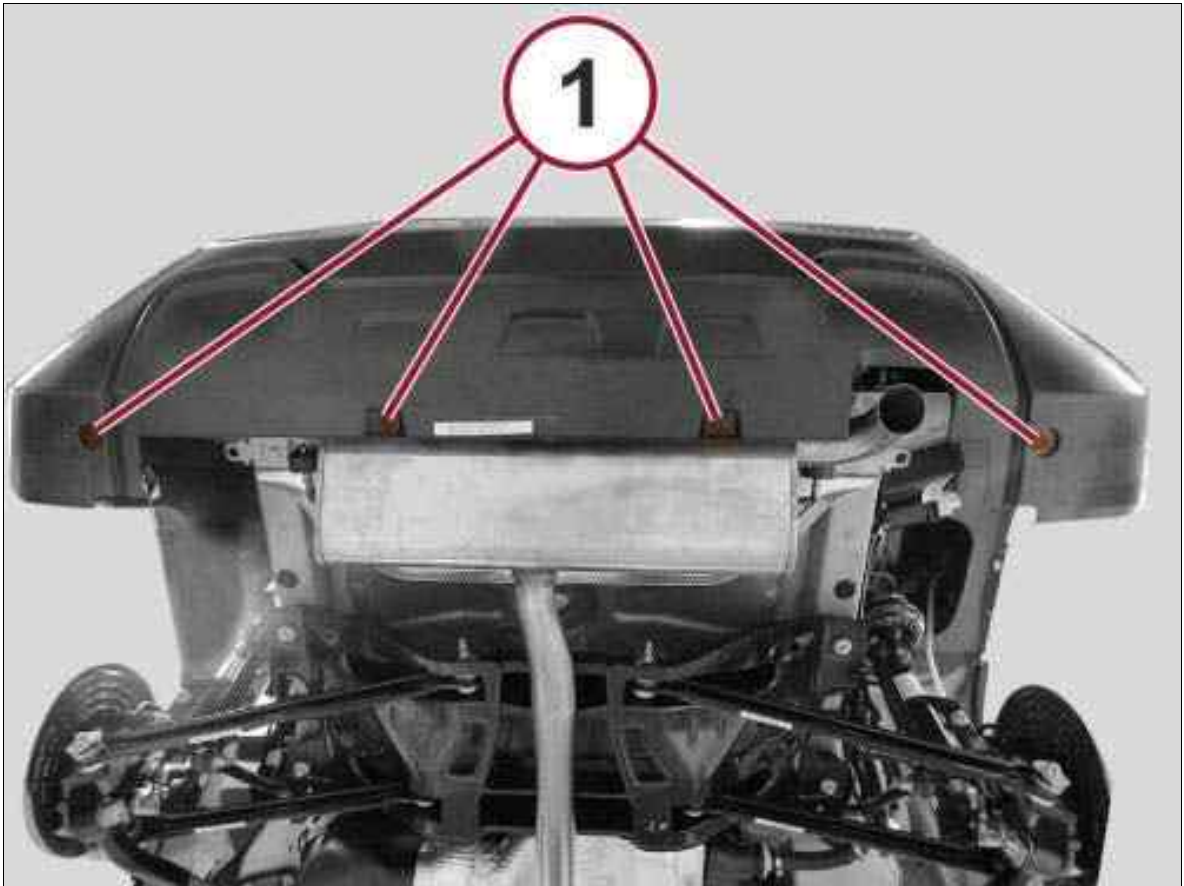
Fig 3: Rear Wheel Molding, Clips & Screws



Courtesy of CHRYSLER GROUP, LLC

5. Install the screws (2a and 2b) on both sides of the front fascia. Tighten the screws securely.
6. Position the rear wheel molding (1b) and hand tap to engage the retaining clips (1a).

Fig 4: Screws

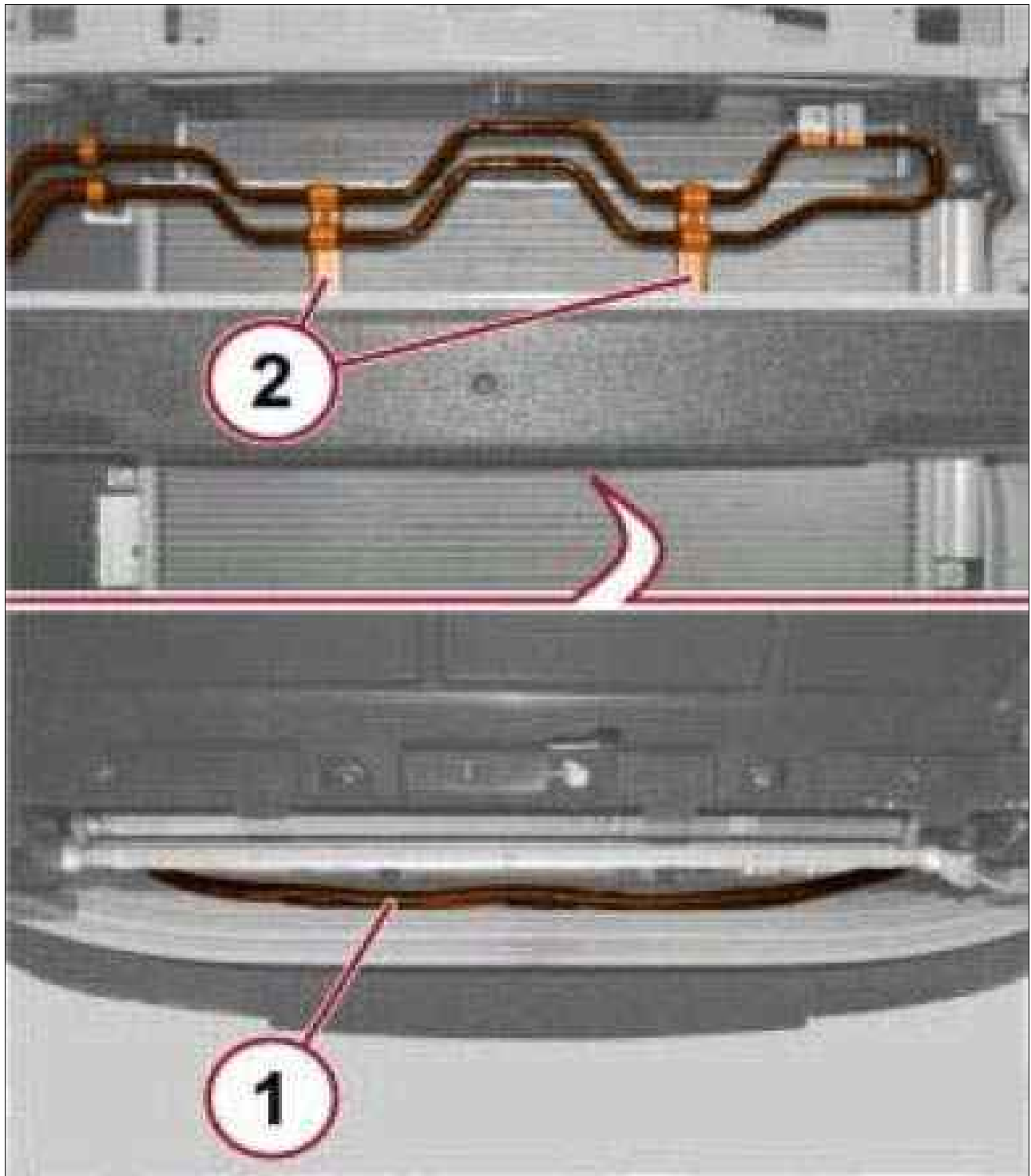


Courtesy of CHRYSLER GROUP, LLC

7. Install the screws (1) at the bottom of the rear fascia and tighten securely.
8. Install the tail lamps. Refer to LAMP, TAIL, REMOVAL AND INSTALLATION .
9. Connect the negative battery cable.

**BUMPERS > REINFORCEMENT, BUMPER, FRONT > REMOVAL AND INSTALLATION
> REMOVAL AND INSTALLATION > REMOVAL**

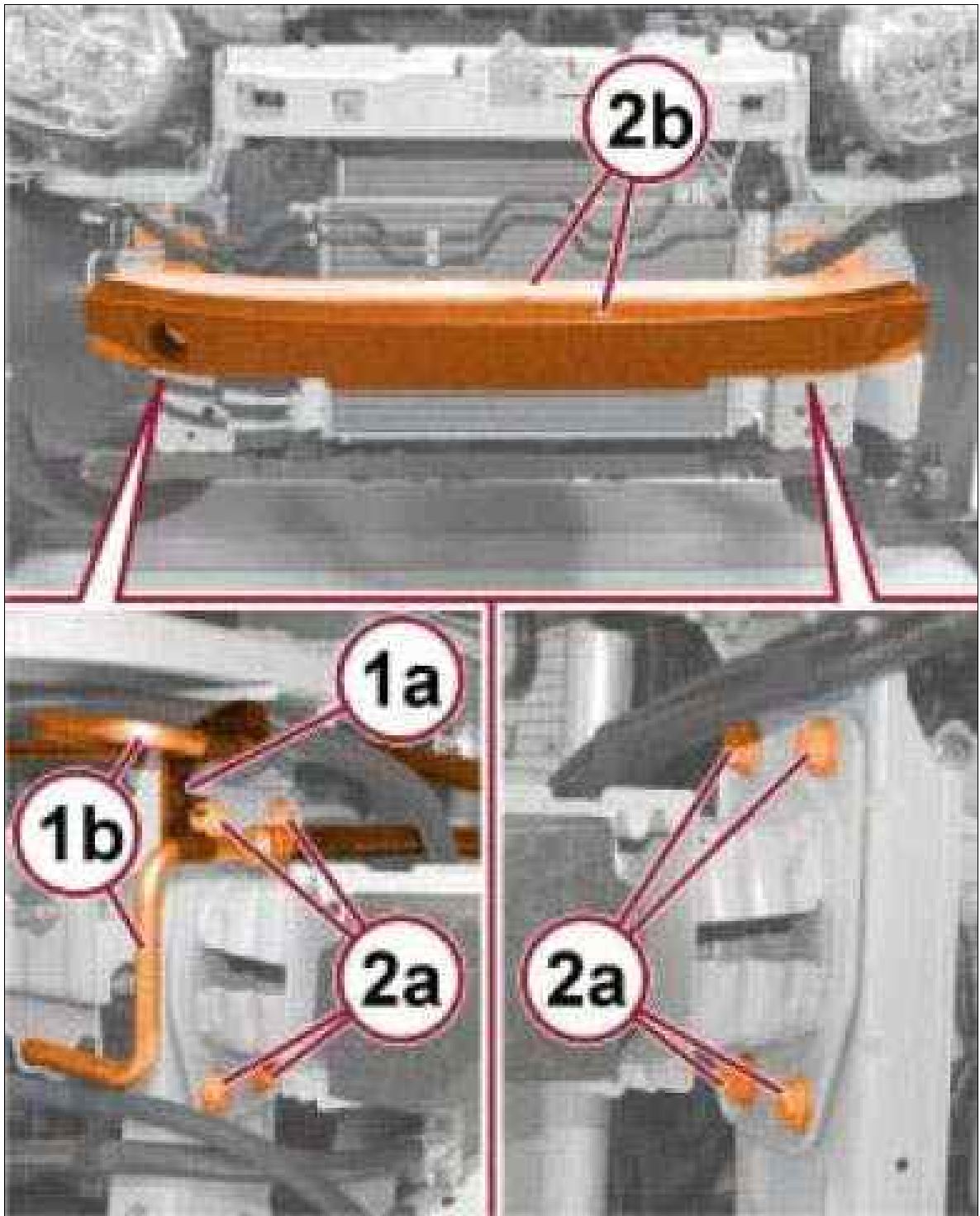
Fig 1: Wiring Retaining Clips & Bracket Screws



Courtesy of CHRYSLER GROUP, LLC

1. Remove the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
2. Release the wiring retaining clips (1).
3. Remove the bracket screws (2).

Fig 2: Power Steering System Cooling Lines, Bumper, Clip And Bolts

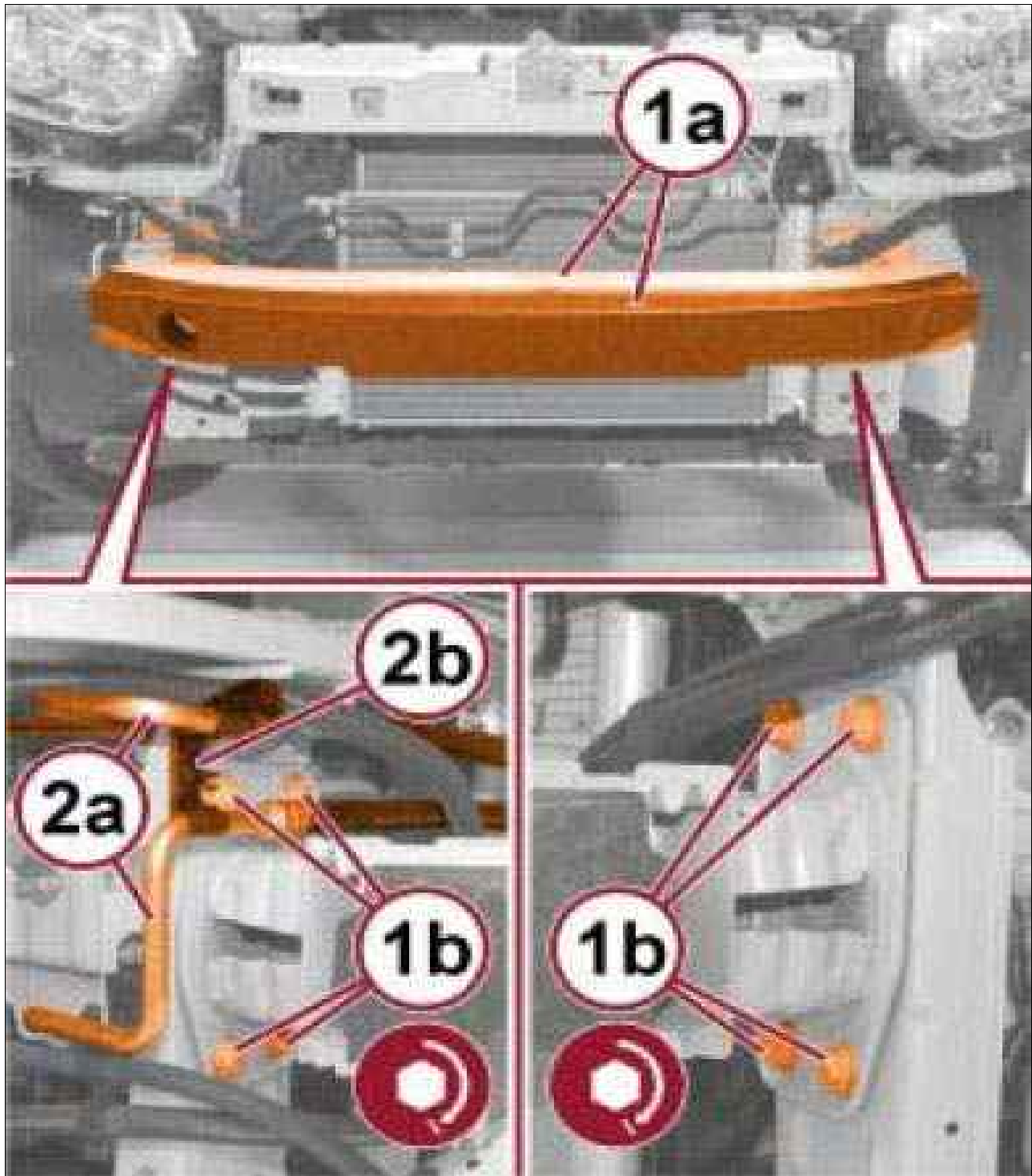


Courtesy of CHRYSLER GROUP, LLC

4. Open the clip (1a) and move the power steering system cooling lines (1b) as necessary to access the crossmember bolts.
5. Remove the bolts (2a) and remove the bumper (2b).

**BUMPERS > REINFORCEMENT, BUMPER, FRONT > REMOVAL AND INSTALLATION
> REMOVAL AND INSTALLATION > INSTALLATION**

Fig 1: Power Steering System Cooling Lines, Bumper, Clip And Bolts

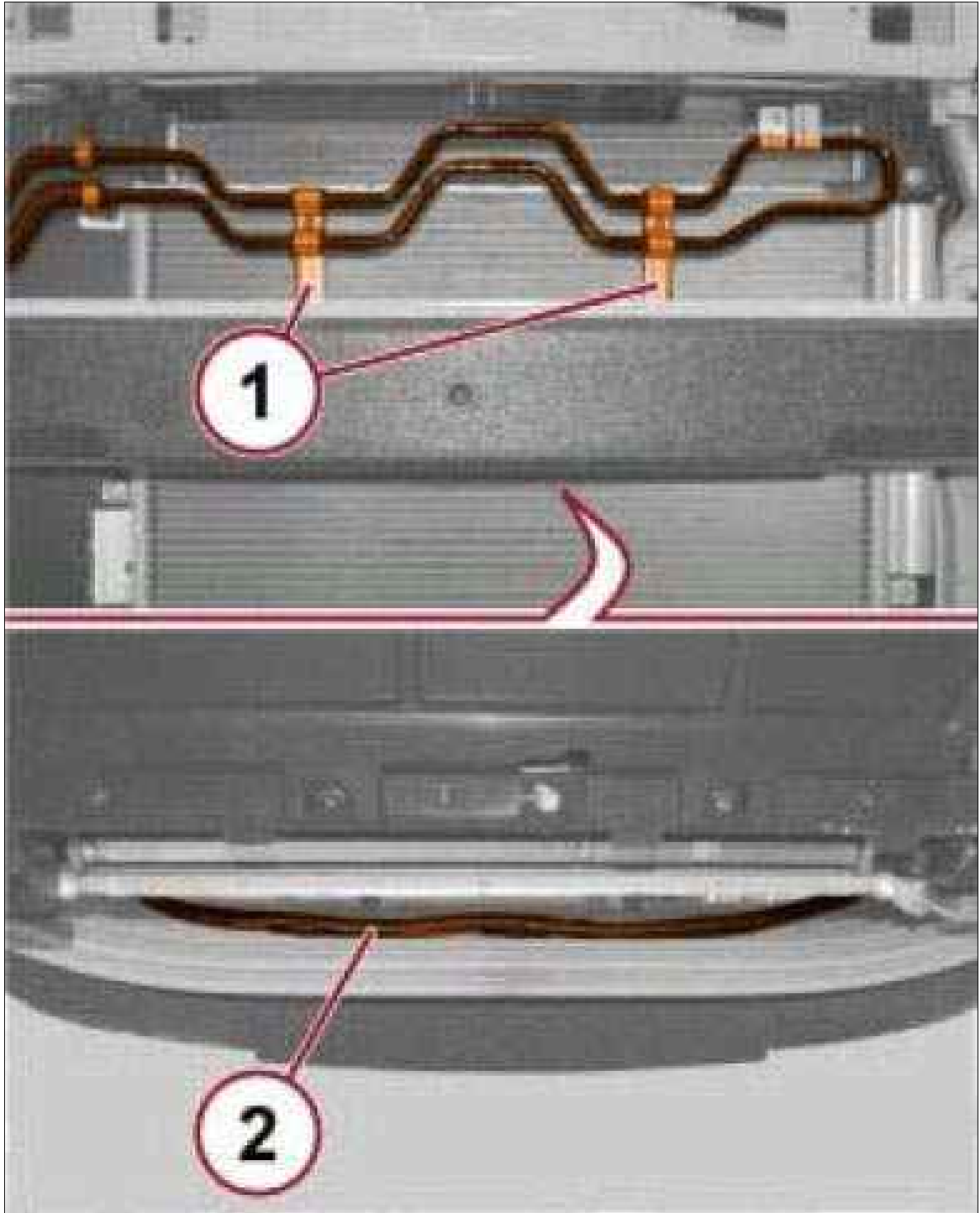


Courtesy of CHRYSLER GROUP, LLC

1. Install the bumper (1a) and install the bolts (1b).
2. Tighten the bolts (1b) and tighten the bolts to the proper specification. Refer to SPECIFICATIONS .

3. Position the power steering cooling lines (2a) back into place and secure the clips (2b).

Fig 2: Wiring Retaining Clips & Bracket Screws



Courtesy of CHRYSLER GROUP, LLC

4. Install the bracket screws (1) and secure the wiring retaining clips (2).
5. Install the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .

FRAME > WARNING > USE OF HEAT DURING REPAIR

WARNING:

FCA US LLC engineering's position on the use of heat during collision repair is as follows:

- ***Any body panel or frame component damaged which is to be repaired and reused, must be repaired using the "cold straightening" method. No heat may be used during the straightening process.***
- ***During rough straightening prior to panel replacement, damaged panels or frame components may be heated to assist in body/frame realignment. The application of heat must be constrained to the parts which will be replaced and not allowed to affect any other components.***

This "no heat" recommendation is due to the extensive use of high strength and advanced high strength steels in FCA US LLC products. High-strength materials can be substantially and negatively affected from heat input which will not be obviously known to the repairer or consumer.

Ignoring these recommendations may lead to serious compromises in the ability to protect occupants in a future collision event, reduce the engineered qualities and attributes, or decrease the durability and reliability of the vehicle.

This statement supersedes any previously released information by the FCA US LLC.

Failure to follow these instructions may result in serious or fatal injury.

FRAME > WARNING > WARNINGS

WARNING:

Use an Occupational Safety and Health Administration (OSHA) approved breathing filter, when spraying paint or solvents in a confined area. Failure to follow these instructions may result in possible serious or fatal injury.

- *avoid prolonged skin contact with petroleum or alcohol based cleaning solvents.*
- *do not stand under a hoisted vehicle that is not properly supported on safety stands. Failure to follow these instructions may result in possible serious or fatal injury.*

CAUTION:

When holes are drilled or punched in an inner body panel, verify the depth of space to the outer body panel, electrical wiring or other components. Damage to the vehicle can result.

- *do not weld exterior panels unless combustible material on the interior of vehicle is*

removed from the repair area. Fire or hazardous conditions, can result.

- *always have a fire extinguisher ready for use when welding.*
- *disconnect the negative (-) cable clamp from the battery when servicing electrical components that are live when the ignition is off. Damage to electrical system can result.*
- *do not use abrasive chemicals or compounds on painted surfaces. Damage to finish can result.*
- *do not use harsh alkaline based cleaning solvents on painted or upholstered surfaces. Damage to finish or color can result.*
- *do not hammer or pound on plastic trim panel when servicing interior trim. Plastic panels can break.*

FRAME > WARNING > WARNINGS > RESTRAINT WARNINGS

WARNING:

To avoid serious or fatal injury on vehicles equipped with the Supplemental Restraint System (SRS), never attempt to repair the electrically conductive circuits or wiring components related to the SRS for which there is no Mopar® wiring repair kit. It is important to use ONLY the recommended splicing kit and procedure. For applicable and available Mopar® wiring repair kits, please visit the Mopar® Connector Web Site at the following address on the Internet: (<http://dto.vftis.com/mopar/disclaimer.asp>). Inappropriate repairs can compromise the conductivity and current carrying capacity of those critical electrical circuits, which may cause SRS components not to deploy when required, or to deploy when not required. Only minor cuts or abrasions of wire and terminal insulation where the conductive material has not been damaged, or connector insulators where the integrity of the latching and locking mechanisms have not been compromised may be repaired using appropriate methods.

 WARNING:

To avoid serious or fatal injury during and following any seat belt or child restraint anchor service, carefully inspect all seat belts, buckles, mounting hardware, retractors, tether straps, and anchors for proper installation, operation, or damage. Replace any belt that is cut, frayed, or torn. Straighten any belt that is twisted. Tighten any loose fasteners. Replace any belt that has a damaged or ineffective buckle or retractor. Replace any belt that has a bent or damaged latch plate or anchor plate. Replace any child restraint anchor or the unit to which the anchor is integral that has been bent or damaged. Never attempt to repair a seat belt or child restraint component. Always replace damaged or ineffective seat belt and child restraint components with the correct, new and unused replacement parts listed in the Mopar® Parts Catalog. Failure to follow these instructions may result in possible serious or fatal injury.

 WARNING:

To avoid serious or fatal injury on vehicles equipped with airbags, disable the Supplemental Restraint System (SRS) before attempting any steering wheel, steering column, airbag, Occupant Classification System (OCS), seat belt tensioner, impact sensor or instrument panel component diagnosis or service. Disconnect and isolate the battery negative (ground) cable, then wait two minutes for the system capacitor to discharge before performing further diagnosis or service. This is the only sure way to disable the SRS. Failure to follow these instructions may result in accidental airbag deployment.

 WARNING:

To avoid potential physical injury or damage to sensitive electronic circuits and systems, always disconnect and isolate the battery negative (ground) cable and the positive cable, then ground the positive cable to discharge the Occupant Restraint Controller (ORC) capacitor before performing any welding operations on the vehicle. Failure to take the proper precautions could result in accidental airbag deployment, possible damage to the Supplemental Restraint System (SRS) circuits and components, and possible damage to other electronic circuits and components. Whenever a welding process is being performed within 12 inches (30 centimeters) of an electronic module or wiring harness, then that module or harness should be relocated out of the way, or disconnected. Always protect against component or vehicle damage from weld spatter by using weld blankets and screens.

 WARNING:

To avoid serious or fatal injury, do not attempt to dismantle an airbag unit or tamper with its inflator. Do not puncture, incinerate or bring into contact with electricity. Do not store at temperatures exceeding 93° C (200° F). An airbag inflator unit may contain sodium azide and potassium nitrate. These materials are poisonous and extremely flammable. Contact with acid, water, or heavy metals may produce harmful and irritating gases (sodium

hydroxide is formed in the presence of moisture) or combustible compounds. An airbag inflator unit may also contain a gas canister pressurized to over 17.24 kPa (2500 psi). Failure to follow these instructions may result in possible serious or fatal injury.

 WARNING:

To avoid serious or fatal injury when handling a seat belt tensioner retractor. Exercise proper care to keep fingers out from under the retractor cover and away from the seat belt webbing where it exits from the retractor cover. Failure to follow these instructions may result in possible serious or fatal injury.

 WARNING:

To avoid serious or fatal injury, replace all Supplemental Restraint System (SRS) components only with parts specified in the Mopar® Parts Catalog. Substitute parts may appear interchangeable, but internal differences may result in inferior occupant protection.

 WARNING:

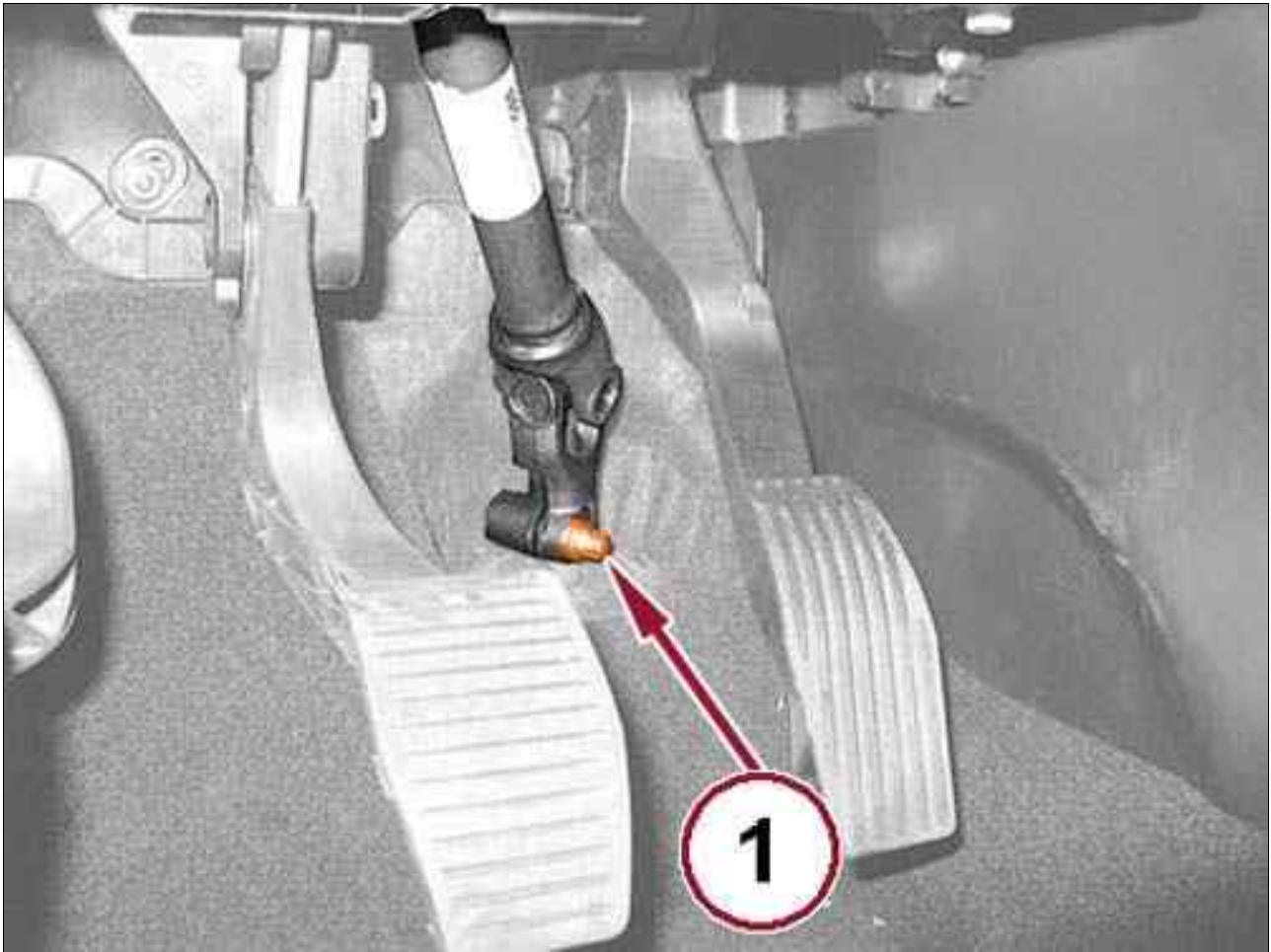
To avoid serious or fatal injury, the fasteners, screws, and bolts originally used for the Supplemental Restraint System (SRS) components must never be replaced with any substitutes. These fasteners have special coatings and are specifically designed for the SRS. Anytime a new fastener is needed, replace it with the correct fasteners provided in the service package or specified in the Mopar® Parts Catalog.

 WARNING:

To avoid serious or fatal injury when a steering column has an airbag unit attached, never place the column on the floor or any other surface with the steering wheel or airbag unit face down. Failure to follow these instructions may result in possible serious or fatal injury.

**FRAME > CROSSMEMBER, FRONT SUSPENSION > REMOVAL AND INSTALLATION >
2.0L TURBO DIESEL 120HP/140HP > REMOVAL**

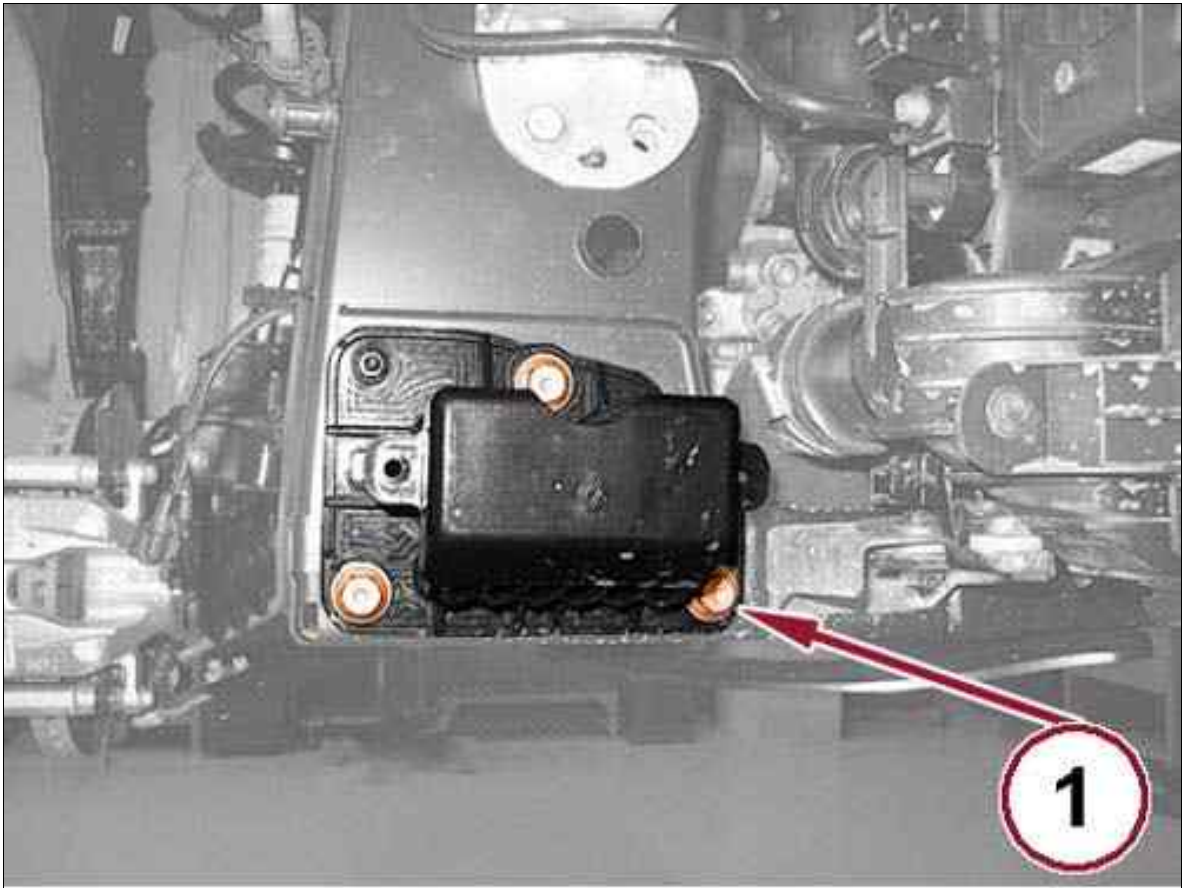
Fig 1: Steering Column-To-Pinion Steering Box Screw



Courtesy of CHRYSLER GROUP, LLC

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. Remove the front wheels. Refer to REMOVAL AND INSTALLATION .
3. Remove the belly pan. Refer to BELLY PAN, REMOVAL AND INSTALLATION .
4. Remove the front wheelhouse splash shields. Refer to SHIELD, SPLASH, FRONT WHEELHOUSE, REMOVAL AND INSTALLATION .
5. Remove the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
6. Remove the screw (1) securing the steering column to the pinion steering box.

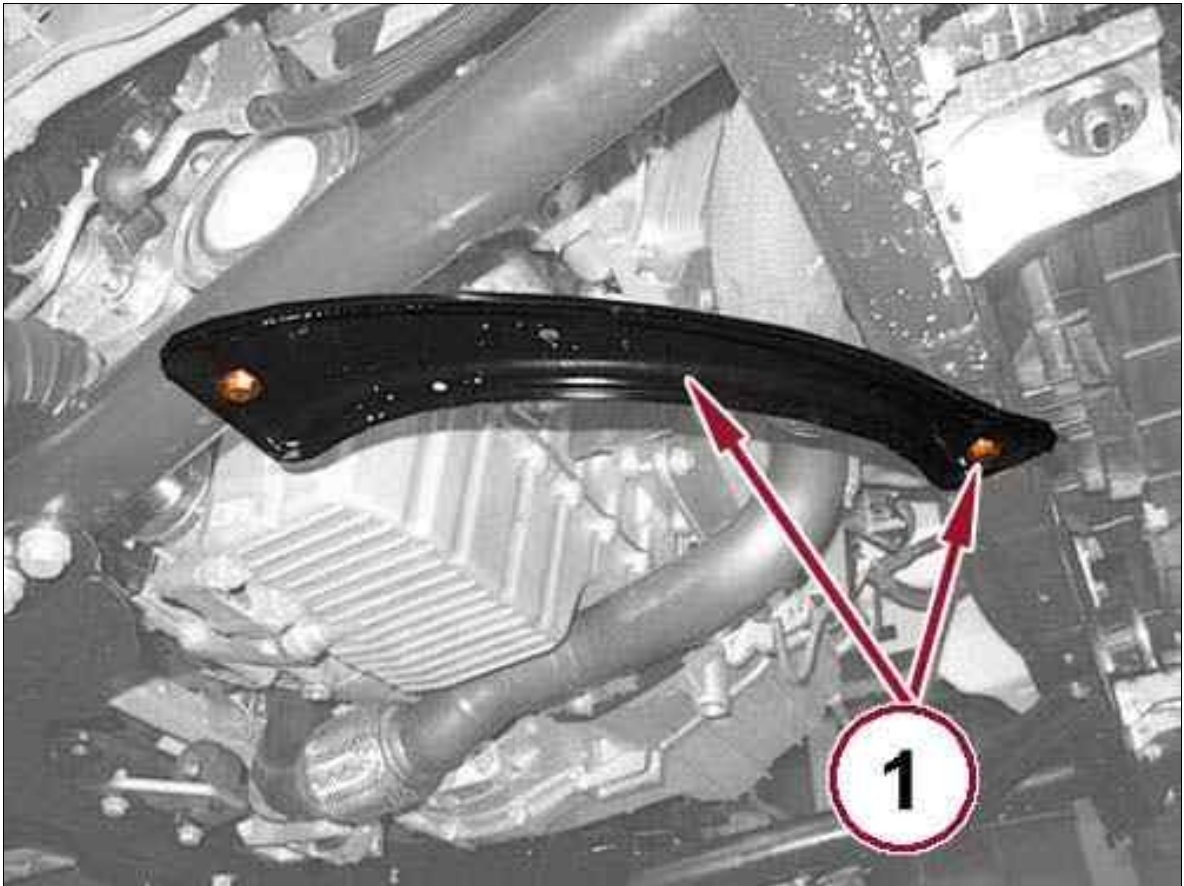
Fig 2: Bolt



Courtesy of CHRYSLER GROUP, LLC

7. Remove the bolts (1) and the load beam extensions.

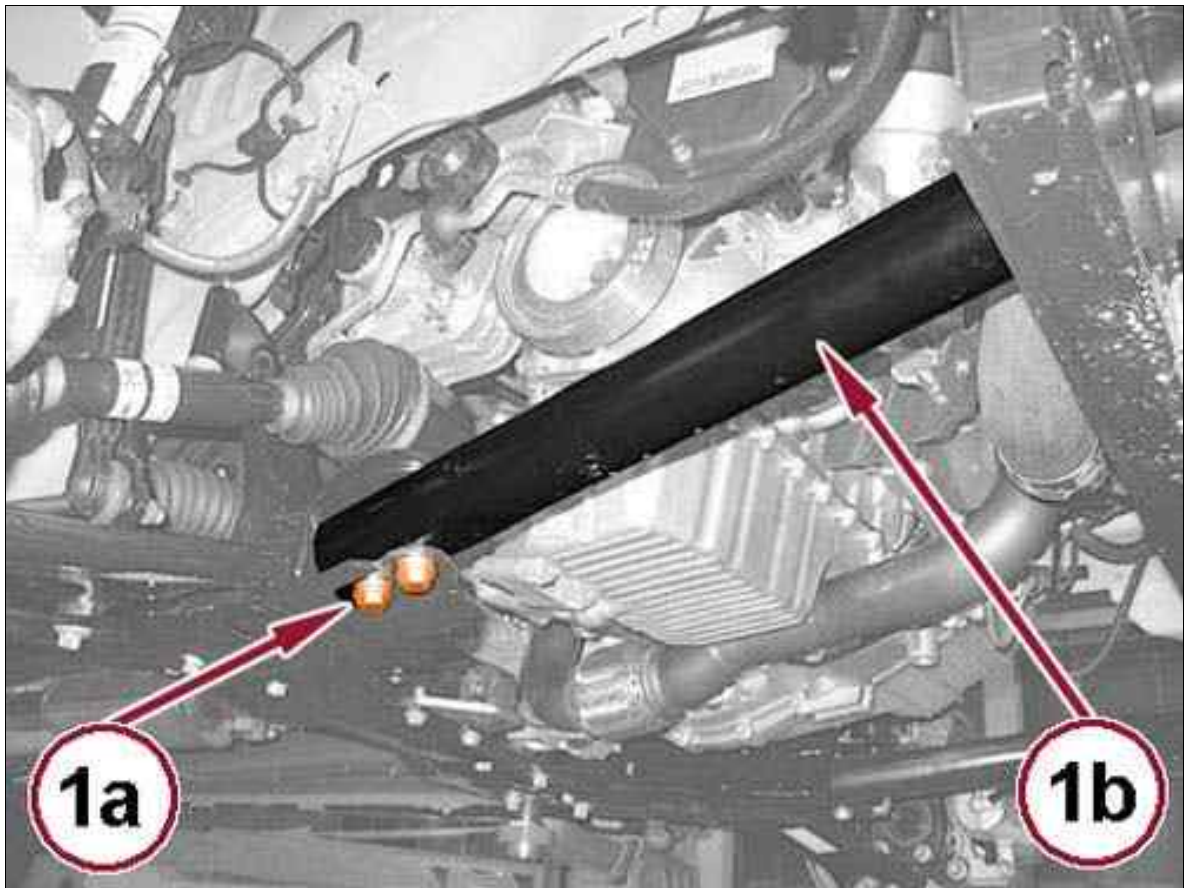
Fig 3: Reinforcement Bracket Bolt



Courtesy of CHRYSLER GROUP, LLC

8. Remove the bolts and remove the reinforcement bracket (1).

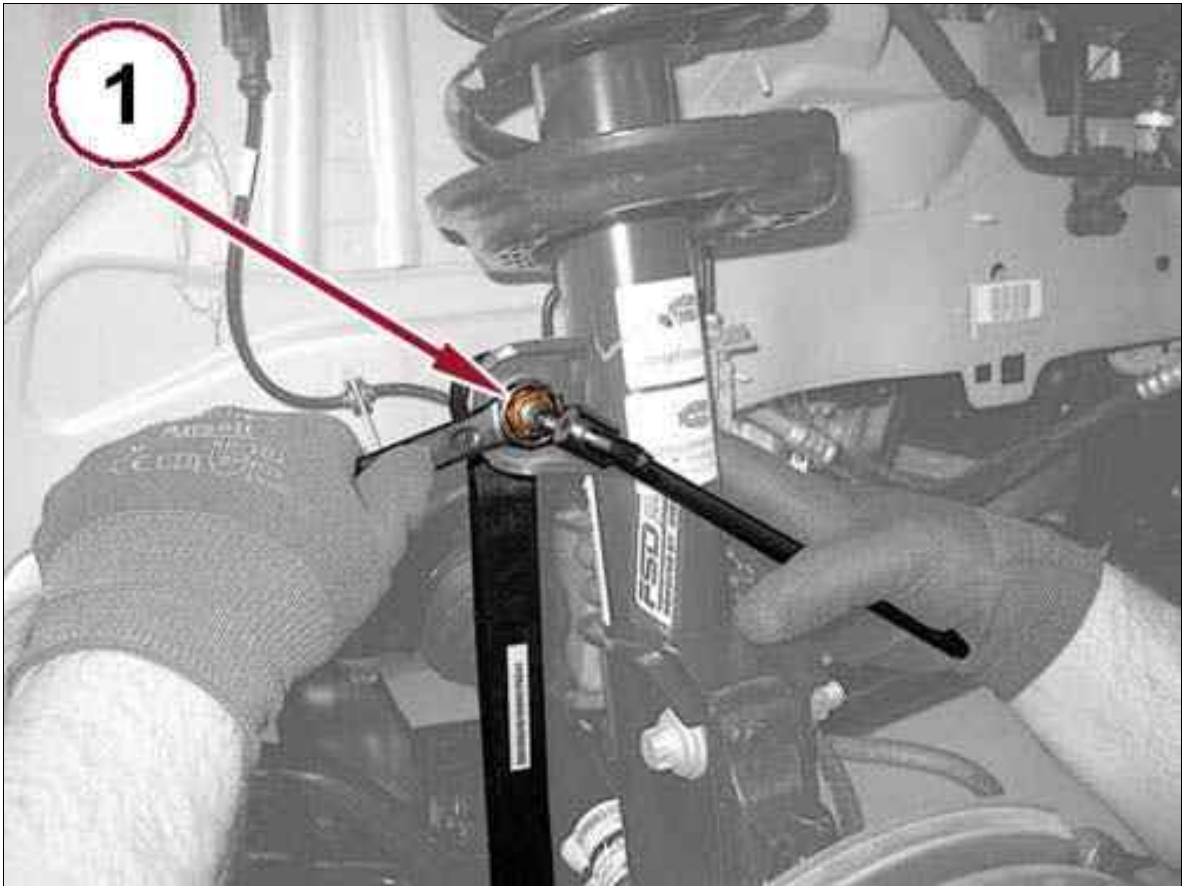
Fig 4: Lower Load Beam & Bolts



Courtesy of CHRYSLER GROUP, LLC

9. Remove the bolts (1a) and remove the lower load beams (1b).

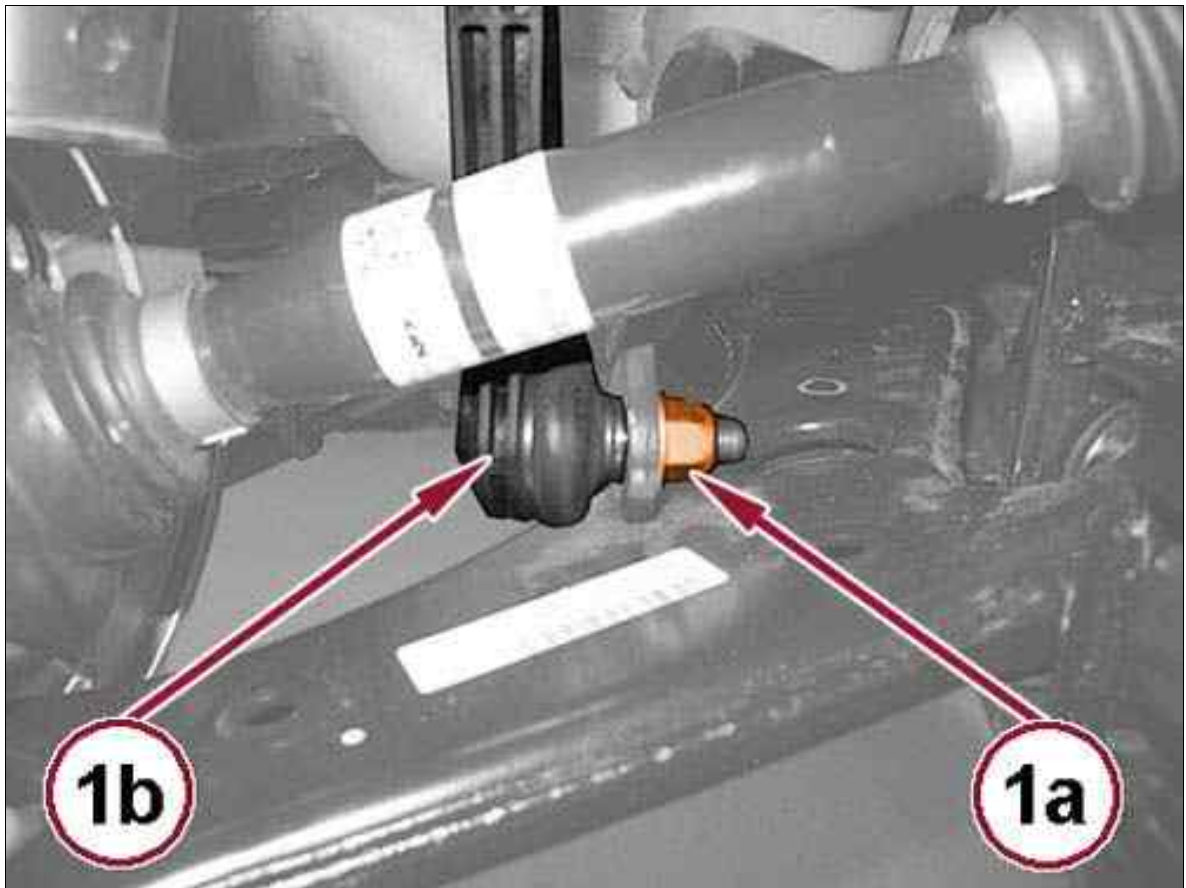
Fig 5: Stabilizer Bar Link Nut



Courtesy of CHRYSLER GROUP, LLC

10. Remove the stabilizer bar link nuts (1) at the front struts. Separate the stabilizer bar links from the front struts.

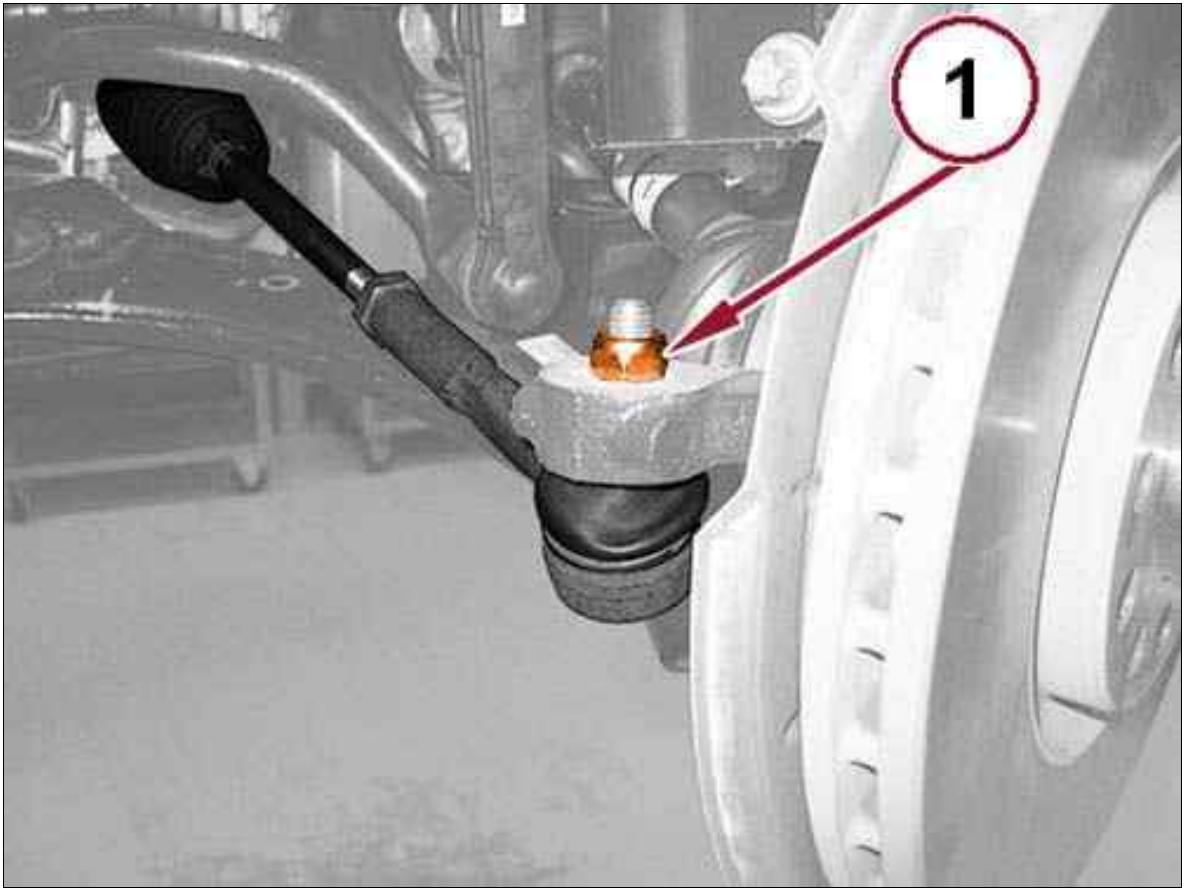
Fig 6: Stabilizer Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

11. Remove the stabilizer bar link nuts (1a) at the stabilizer bar. Separate the stabilizer bar links (1b) from the stabilizer bar.

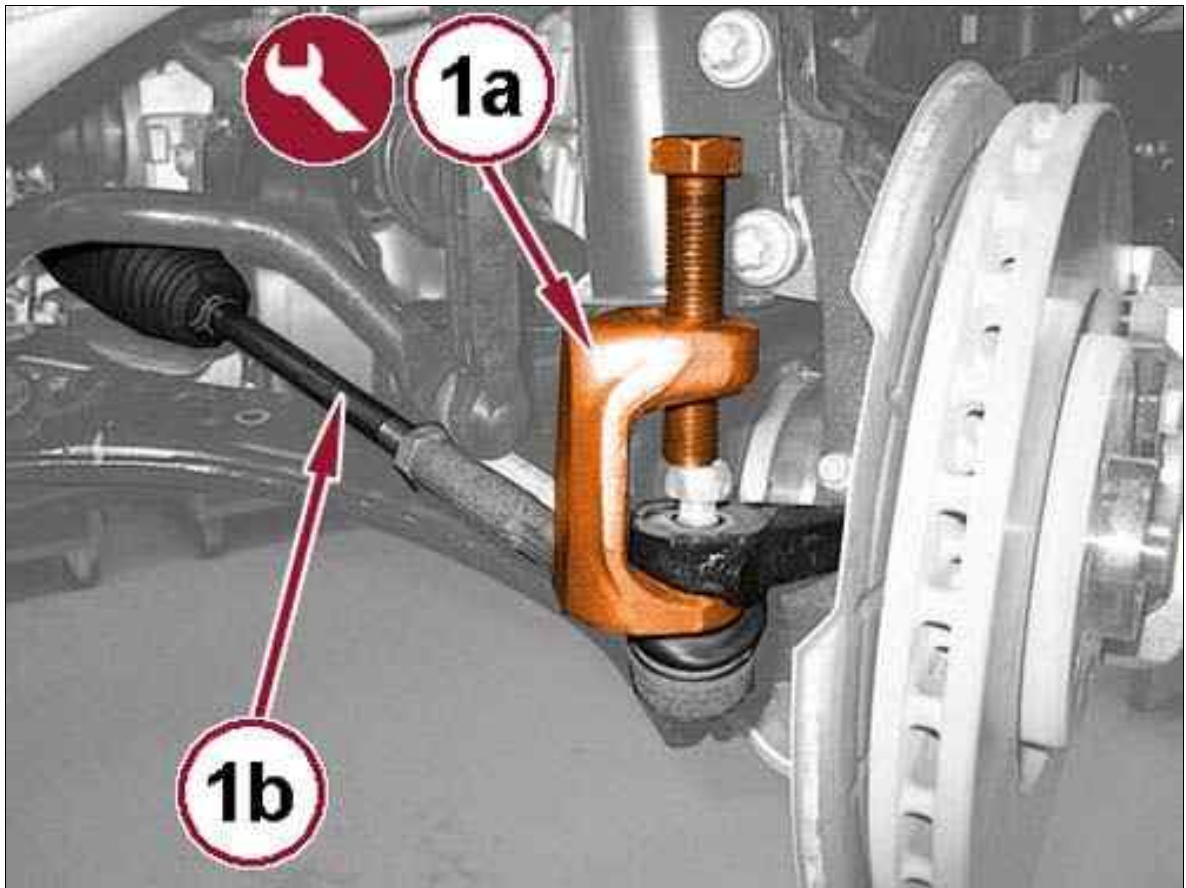
Fig 7: Tie Rod-To-Knuckles Nut



Courtesy of CHRYSLER GROUP, LLC

12. Remove the nuts (1) securing the tie rods to the knuckles.

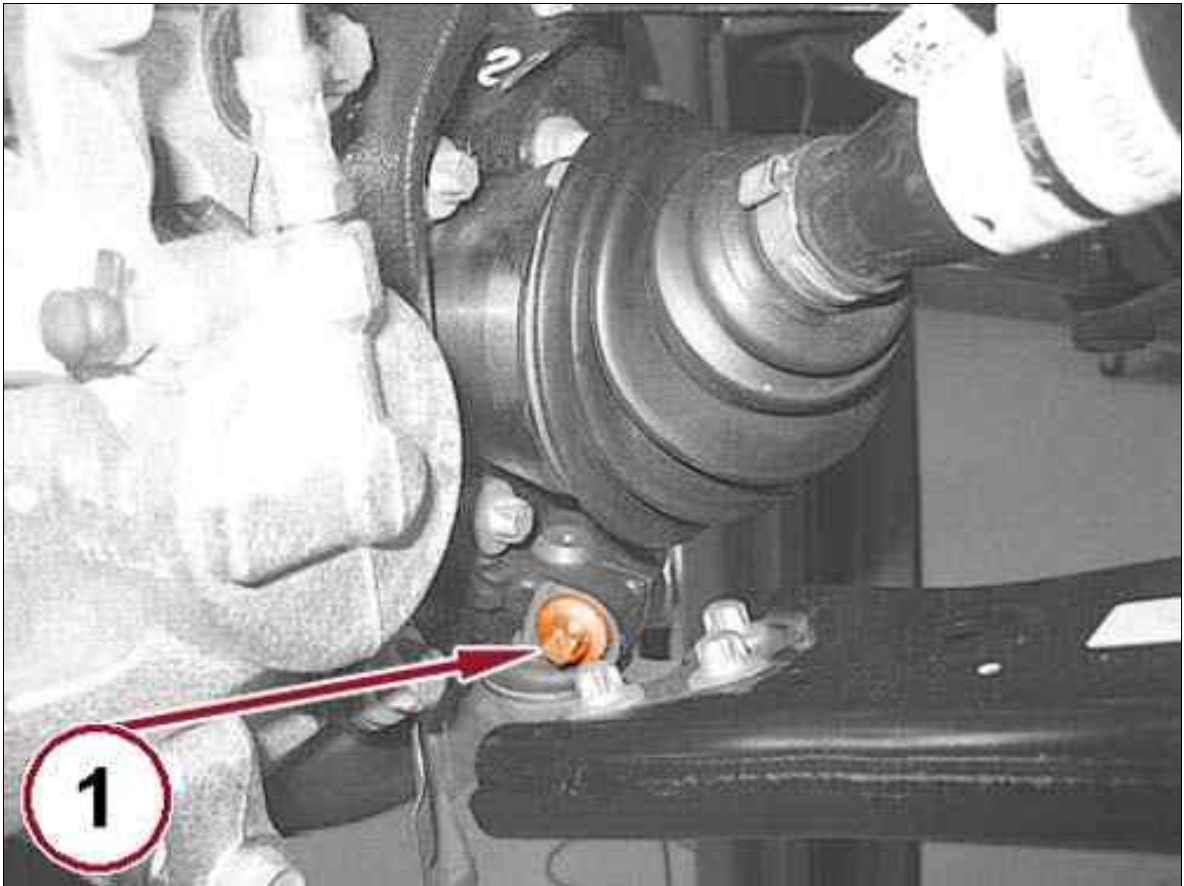
Fig 8: Special Tool & Tie Rod



Courtesy of CHRYSLER GROUP, LLC

13. Fit the special tool #1871000700 (1a) and release the tie rods (1b) from the knuckles.

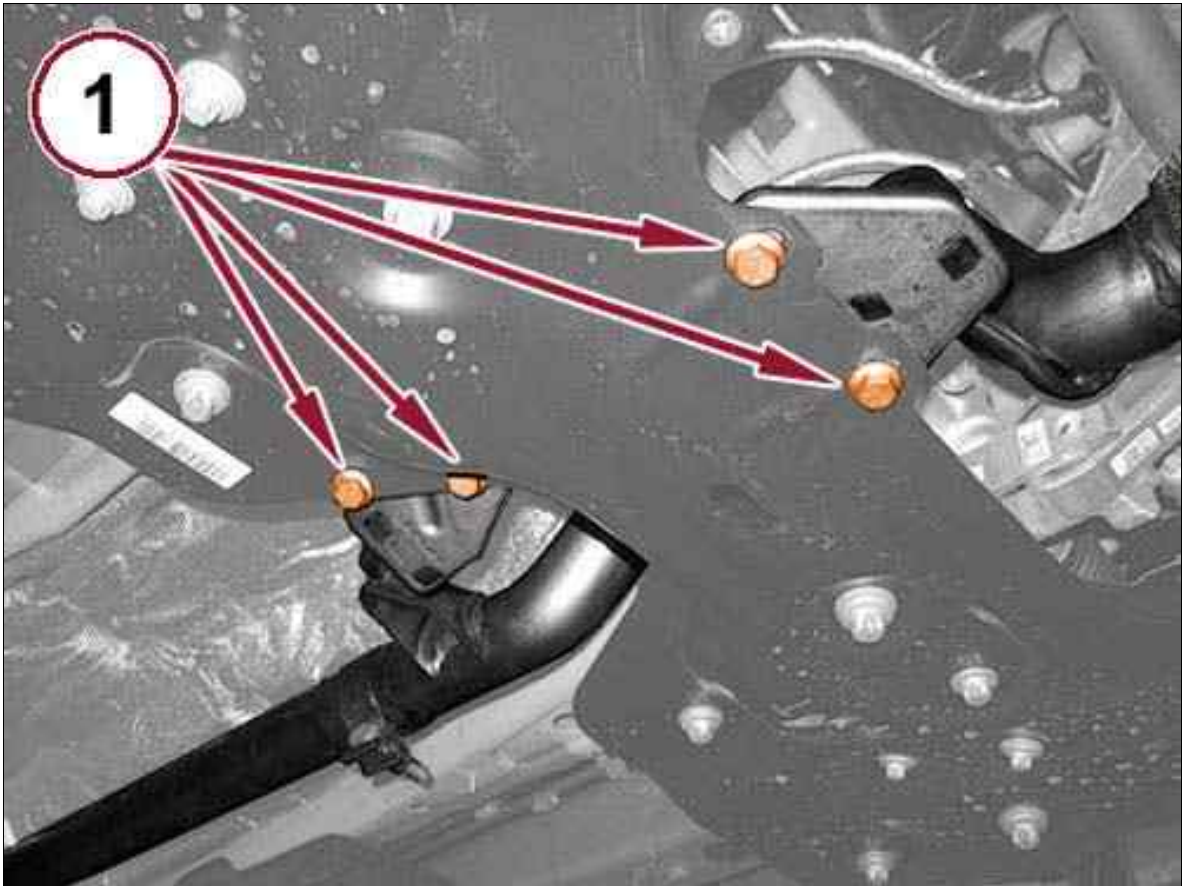
Fig 9: Wheel Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

14. Remove the bolts (1) at the wheel swing arms and separate the lower swing arms from the knuckles.

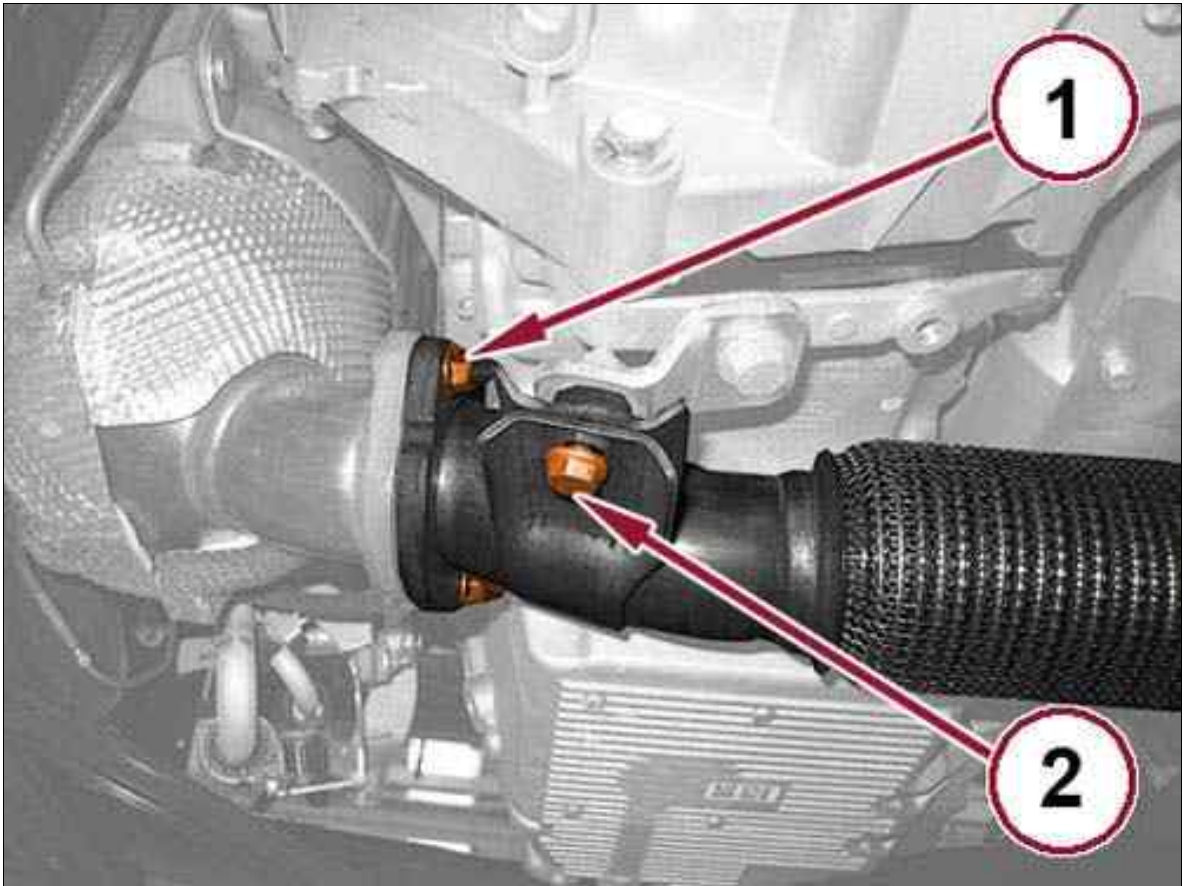
Fig 10: Exhaust Pipe Support Bracket-To-Suspension Crossmember Bolts



Courtesy of CHRYSLER GROUP, LLC

15. Loosen the bolts (1) attaching the exhaust pipe support brackets to the suspension crossmember.

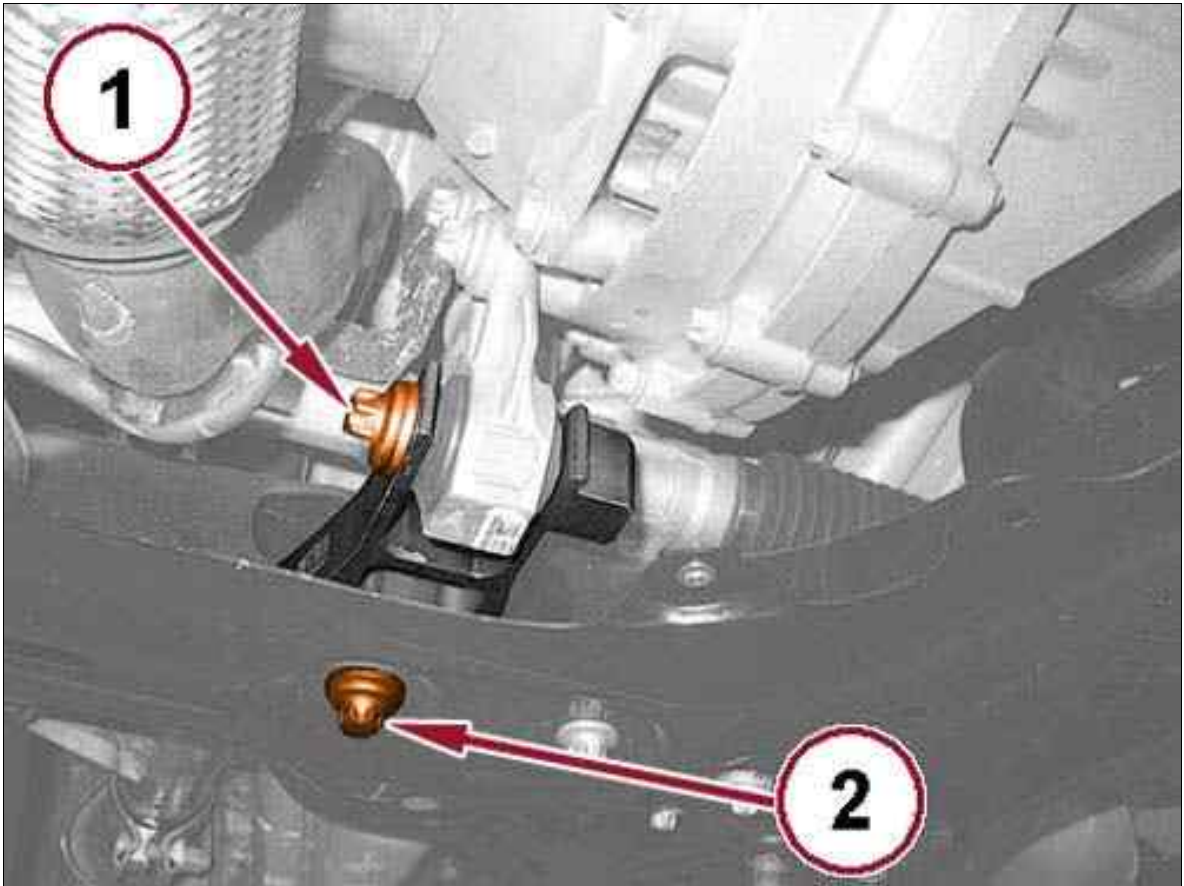
Fig 11: Drainage Pipe, Nut & Screw



Courtesy of CHRYSLER GROUP, LLC

16. Remove the discharge pipe support bracket screw (1).
17. Remove the nuts (2a) and unhook the drainage pipe (2b) from the catalytic converter and secure it to the side. Remove the gasket.

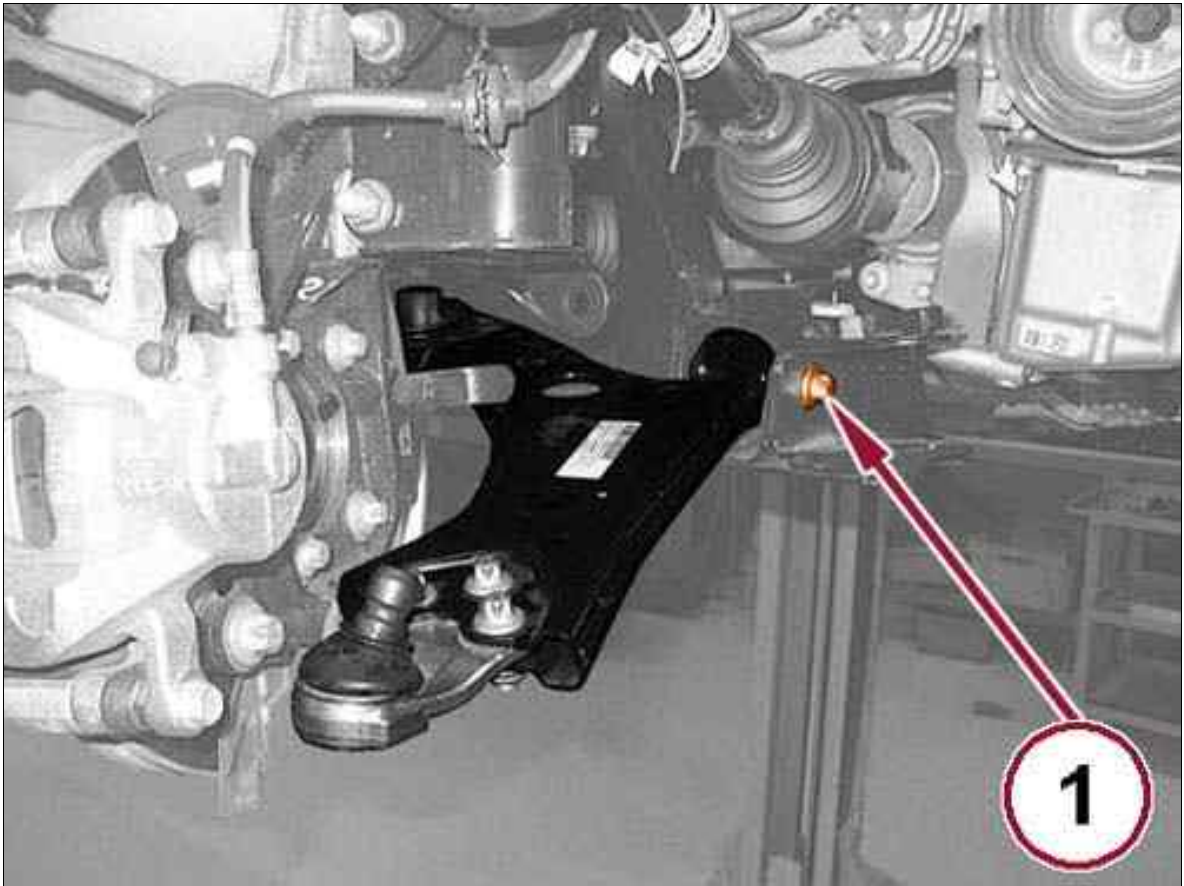
Fig 12: Lower Reaction Rod Bolts



Courtesy of CHRYSLER GROUP, LLC

18. Remove the bolt (1) securing the lower reaction rod to the engine.
19. Loosen the bolt (2) securing the lower reaction rod to the suspension crossmember.

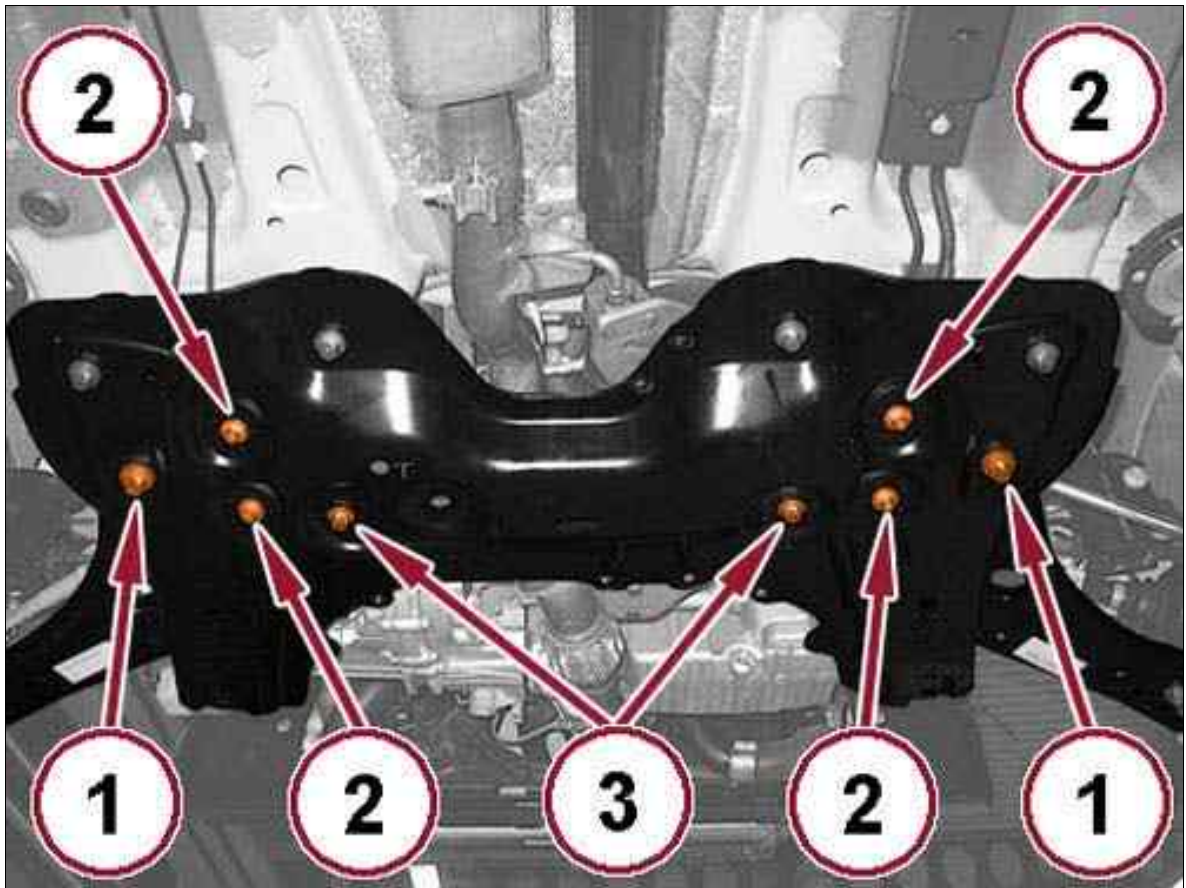
Fig 13: Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

20. Loosen the bolt securing the swing arm, left and right, to suspension crossmember.

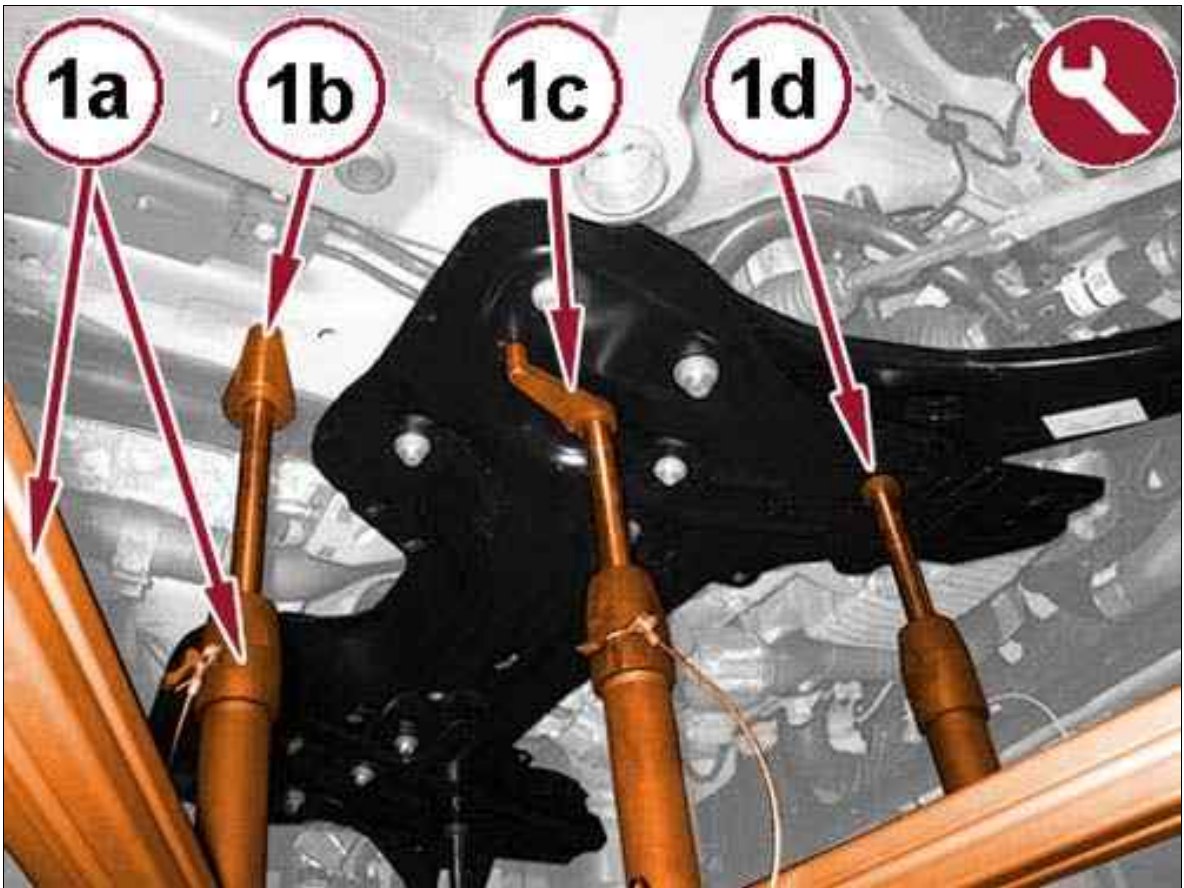
Fig 14: Bolts



Courtesy of CHRYSLER GROUP, LLC

- 21. Loosen the swing arm bolts (1).
- 22. Loosen the stabilizer bar bolts (2).
- 23. Loosen the steering gear bolts (3).

Fig 15: Supporting Front Suspension Crossmember



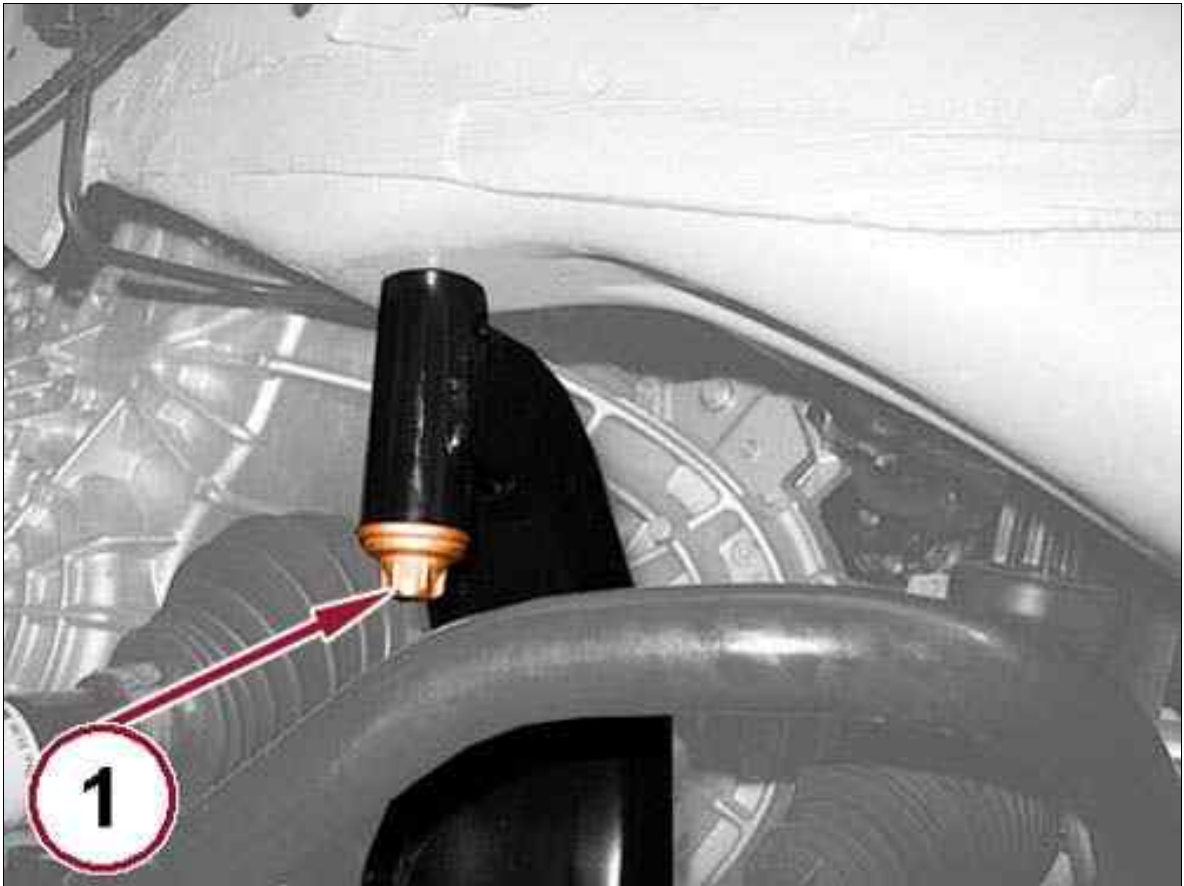
Courtesy of CHRYSLER GROUP, LLC

 NOTE:

The following step requires the use of universal tool #2000043000, body centering conical/round pin #2000043300, crossmember centering pin/bracket #2000043500 and crossmember centering pin #2000043600.

24. Using a suitable hydraulic lift, support the front suspension crossmember with the gear (1a), (1b), (1c) and (1d) as shown in illustration.

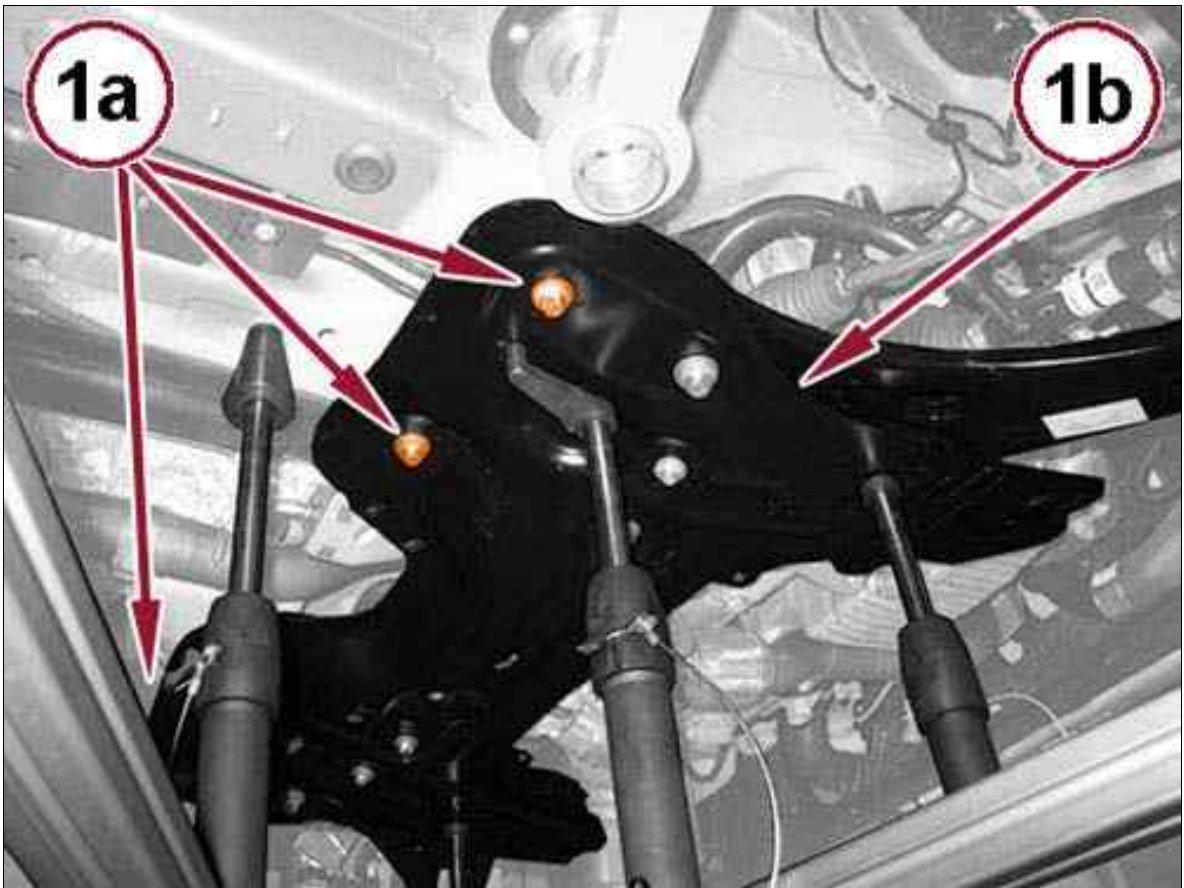
Fig 16: Front Suspension Crossmember Bolt



Courtesy of CHRYSLER GROUP, LLC

25. Remove the bolts (1) attaching the front suspension crossmember to the left and right side panels.

Fig 17: Front Suspension Crossmember & Bolts

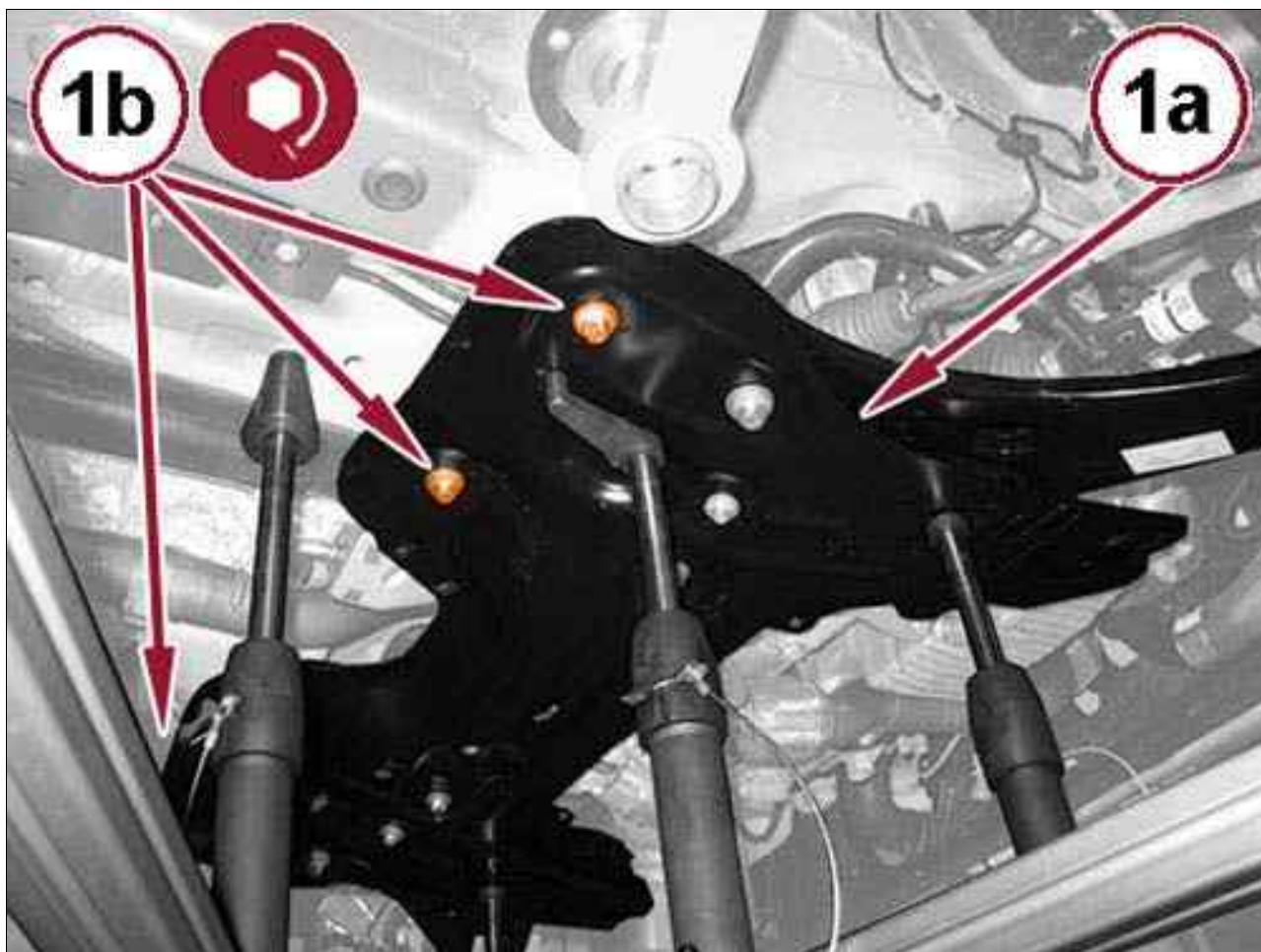


Courtesy of CHRYSLER GROUP, LLC

26. Remove the bolts (1a) and remove the front suspension crossmember (1b).
27. Remove the front exhaust pipe.
28. Remove the bolt and remove the lower reaction rod to the suspension crossmember.
29. Remove the screws and bolts previously loosened and remove control arms, left and right.
30. Remove the screws previously loosened and remove the stabilizer bar.
31. Unscrew the bolts previously loose and remove the steering box.

**FRAME > CROSSMEMBER, FRONT SUSPENSION > REMOVAL AND INSTALLATION >
2.0L TURBO DIESEL 120HP/140HP > INSTALLATION**

Fig 1: Front Suspension Crossmember & Bolts



Courtesy of CHRYSLER GROUP, LLC

1. With the tools used during removal, install the crossmember (1a) and tighten the screws (1b) to the proper specification. Refer to SPECIFICATIONS .

Fig 2: Front Suspension Crossmember Bolt



Courtesy of CHRYSLER GROUP, LLC

2. Tighten the bolts attaching the crossmember to the left and right side panels to the proper specification. Refer to SPECIFICATIONS .

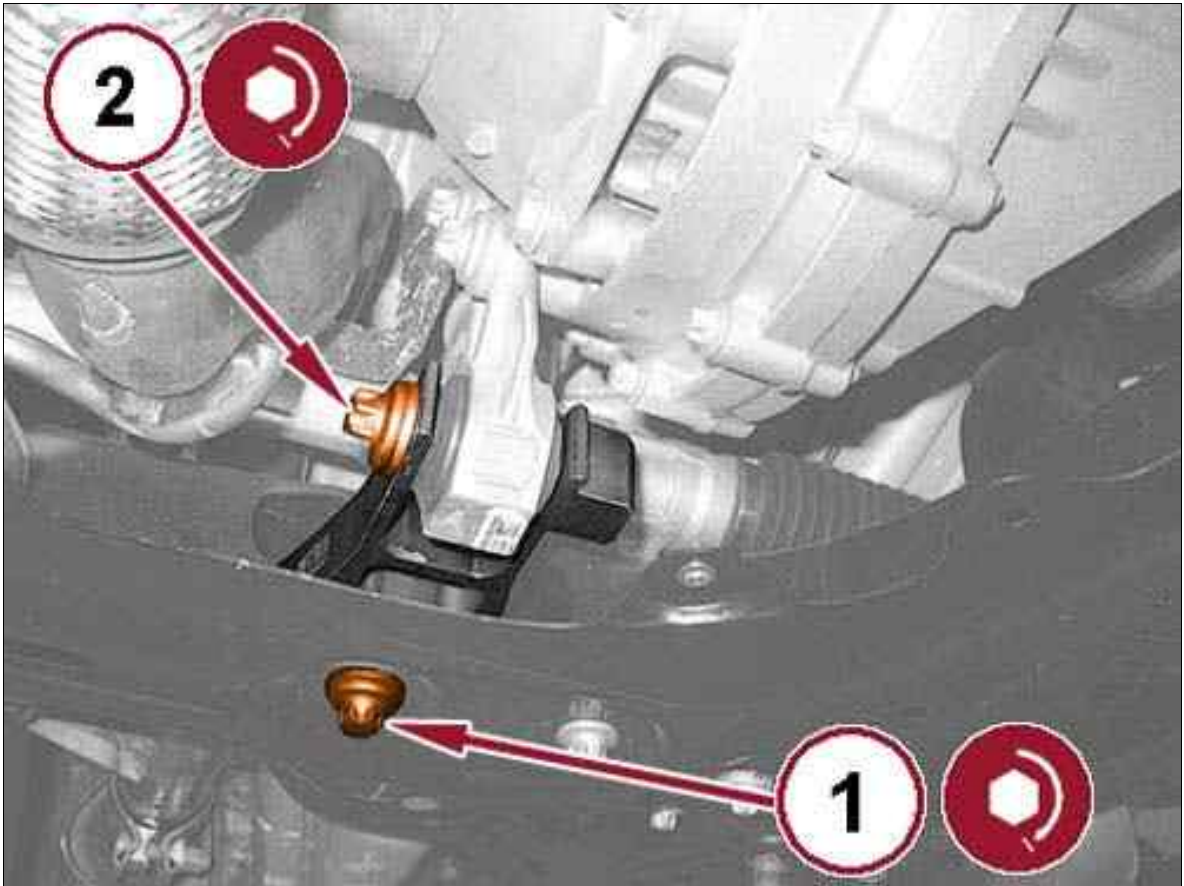
Fig 3: Supporting Lower Control Arm



Courtesy of CHRYSLER GROUP, LLC

3. Remove the crossmember lifting devise.
4. Place a suitable hydraulic jack under the lower control arm as shown in illustration.

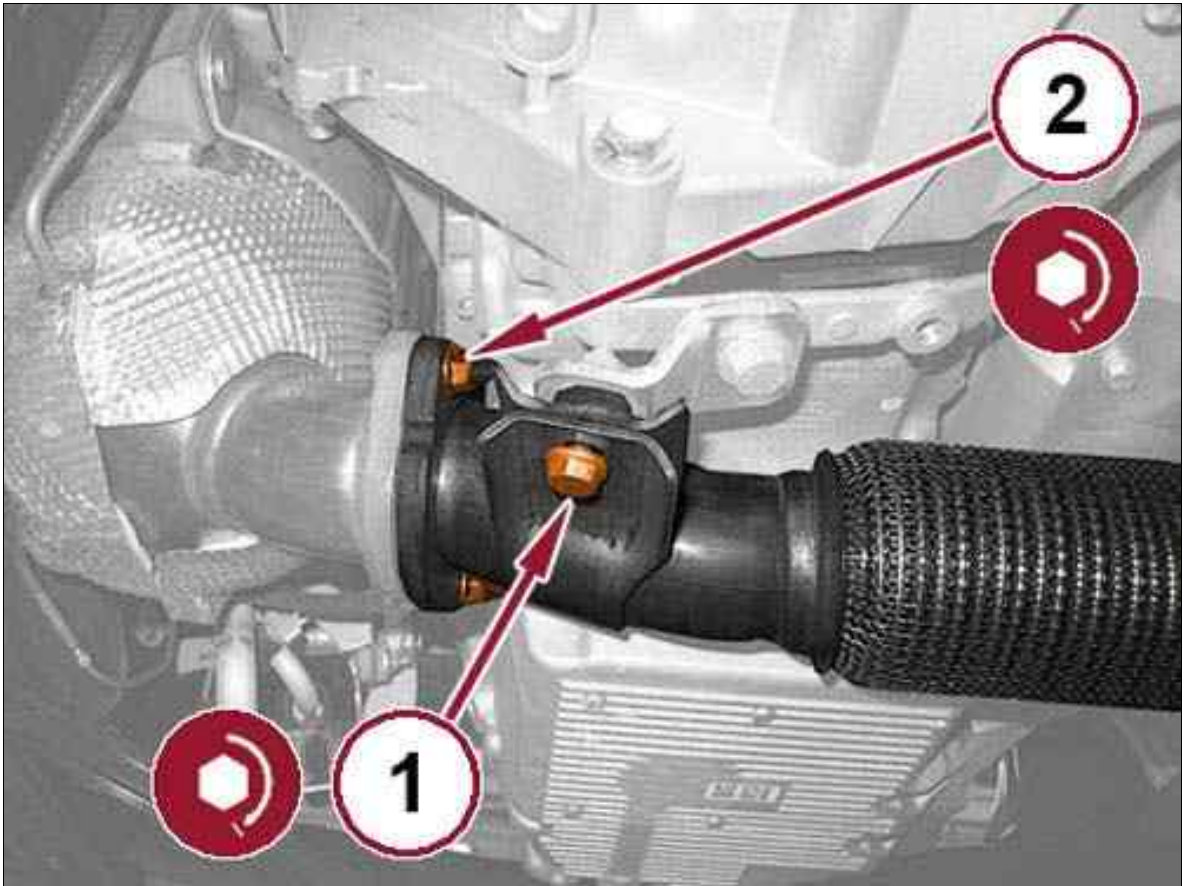
Fig 4: Lower Reaction Rod Bolts



Courtesy of CHRYSLER GROUP, LLC

5. Tighten the lower control arm to the suspension bolts to the proper specification. Refer to FRONT, SPECIFICATIONS .
6. Tighten the stabilizer bar to the suspension bolts to the proper specification. Refer to FRONT, SPECIFICATIONS .
7. Tighten the steering gear to the suspension bolts to the proper specification. Refer to SPECIFICATIONS .
8. Tighten the reaction rod bolt (1) to the crossmember to the proper specification. Refer to SPECIFICATIONS .
9. Tighten the reaction rod bolt (2) to the transmission bracket to the proper specification. Refer to SPECIFICATIONS .

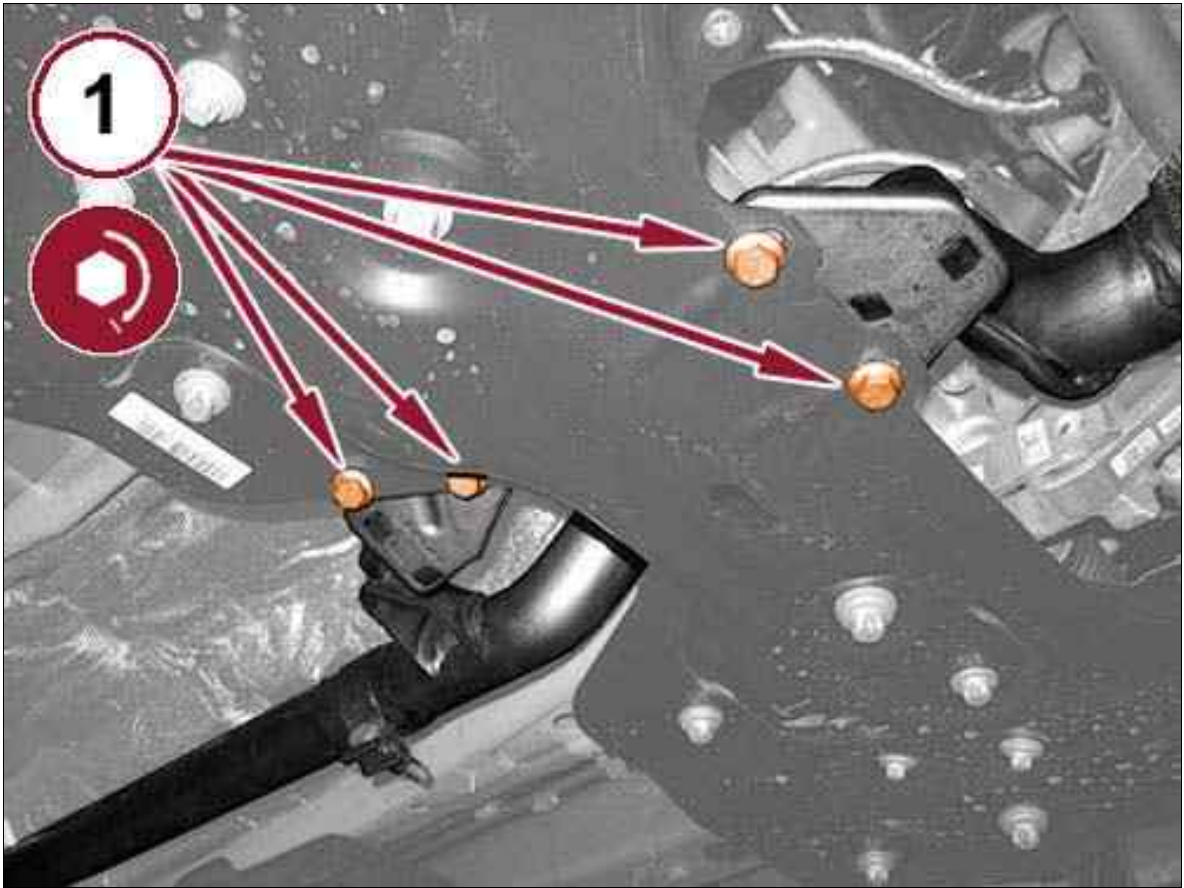
Fig 5: Drainage Pipe, Nut & Screw



Courtesy of CHRYSLER GROUP, LLC

10. Connect the exhaust pipe (1a) complete with new gasket to the catalytic converter and tighten the new nuts (1b) to the proper specification. Refer to SPECIFICATIONS .
11. Install the bolt (2) and tighten to the proper specification. Refer to SPECIFICATIONS .

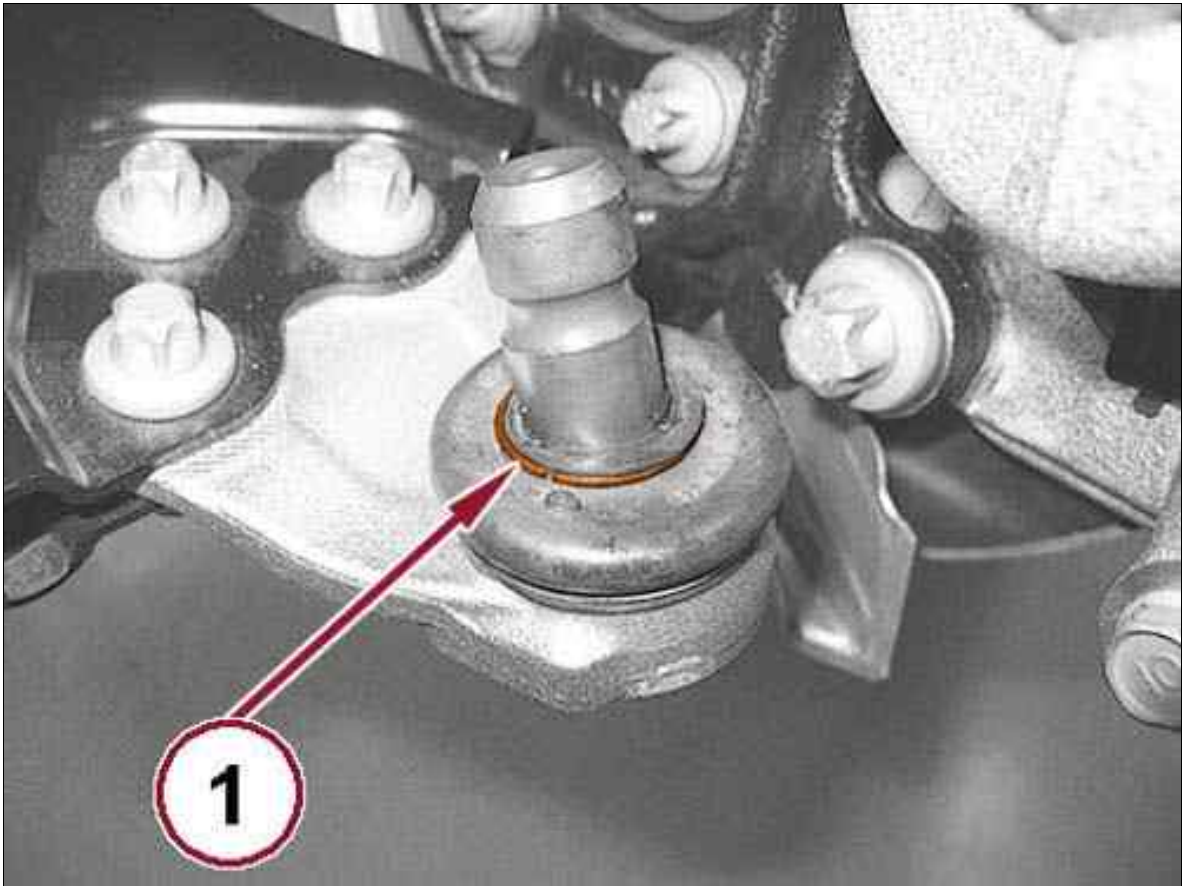
Fig 6: Exhaust Pipe Support Bracket-To-Suspension Crossmember Bolts



Courtesy of CHRYSLER GROUP, LLC

12. Install the bolts (1) attaching the exhaust pipe support brackets to the suspension crossmember and tighten to the proper specification. Refer to SPECIFICATIONS .

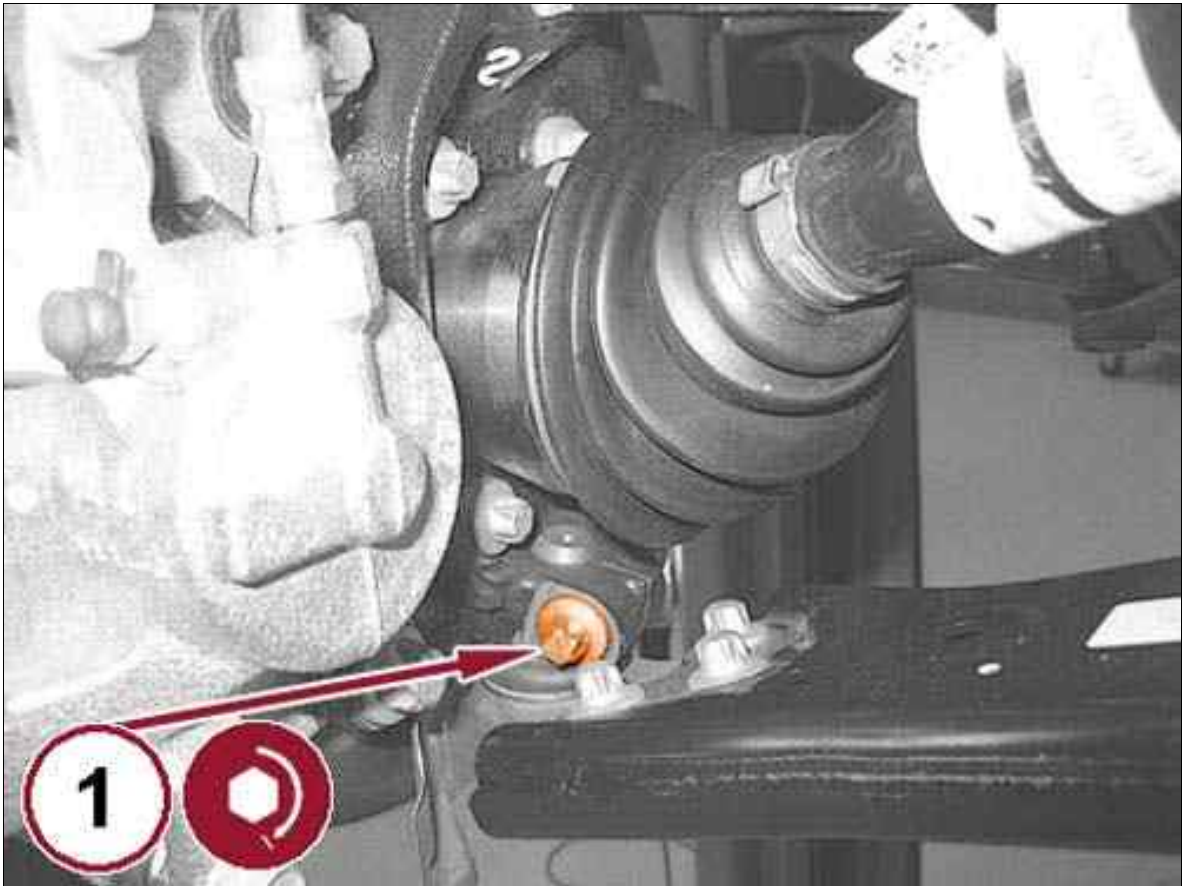
Fig 7: Lower Ball Joint Boot



Courtesy of CHRYSLER GROUP, LLC

13. Check the integrity of the lower ball joint boot (1).

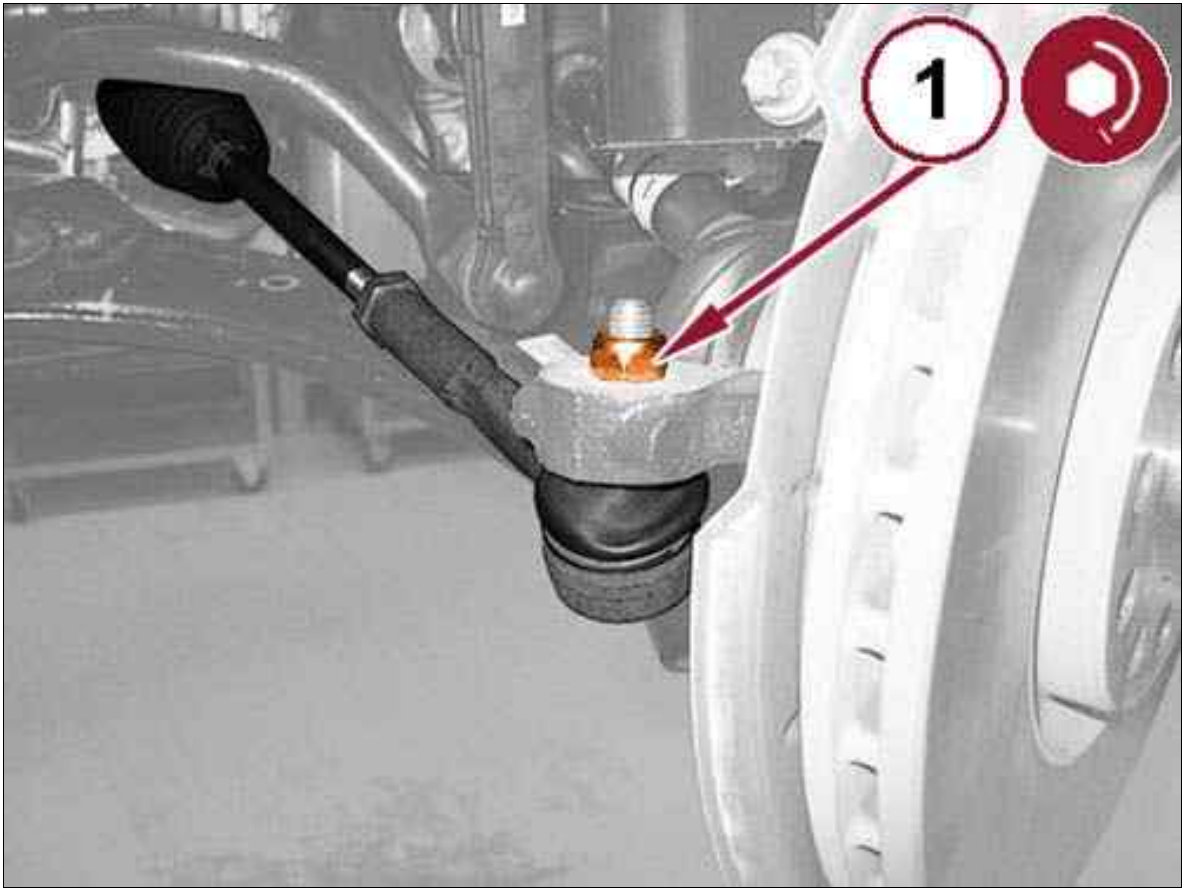
Fig 8: Wheel Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

14. Attach the lower control arms to the steering knuckles and tighten the bolts (1) to the proper specification. Refer to FRONT, SPECIFICATIONS .

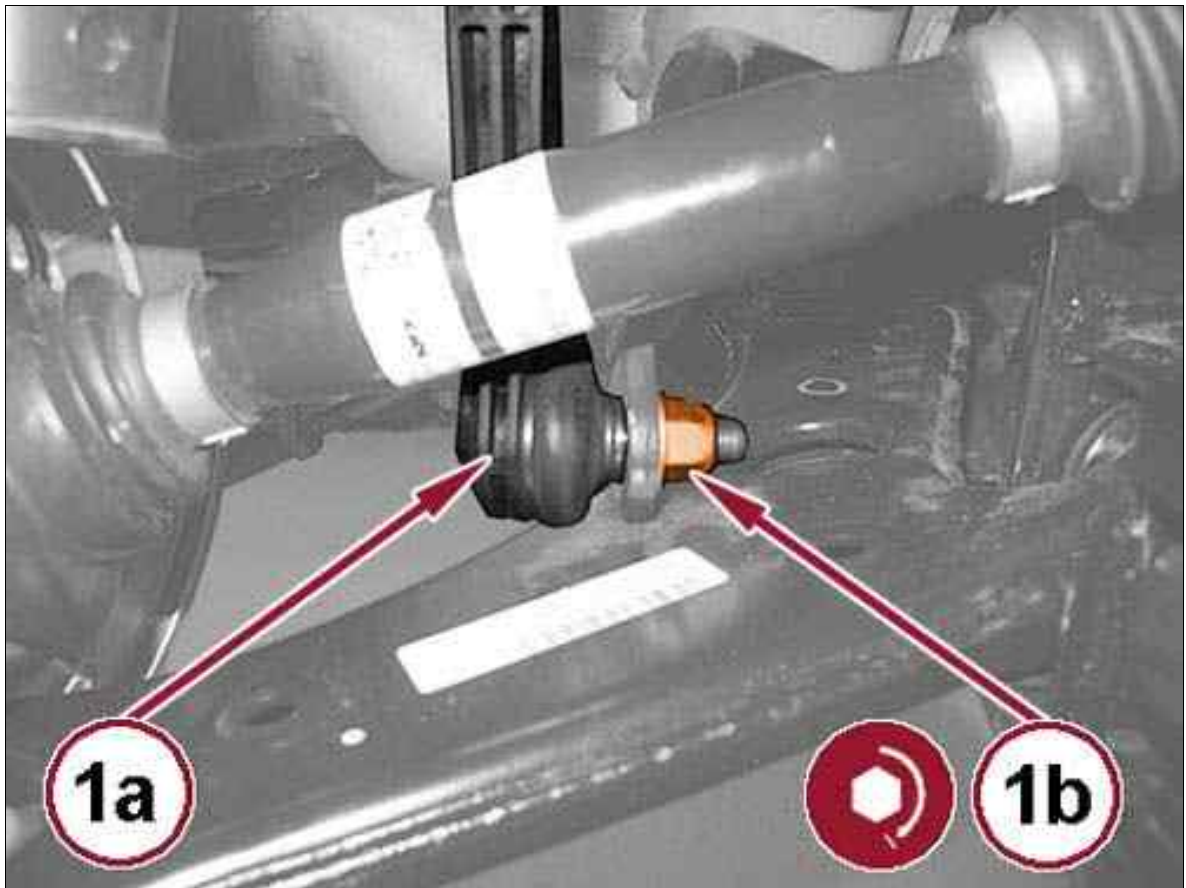
Fig 9: Outer Tie Rod End-To-Steering Knuckle Nut



Courtesy of CHRYSLER GROUP, LLC

15. Connect the outer tie rod ends to the steering knuckles and install new nuts (1).
16. Tighten the nuts to the proper specification. Refer to FRONT, SPECIFICATIONS .

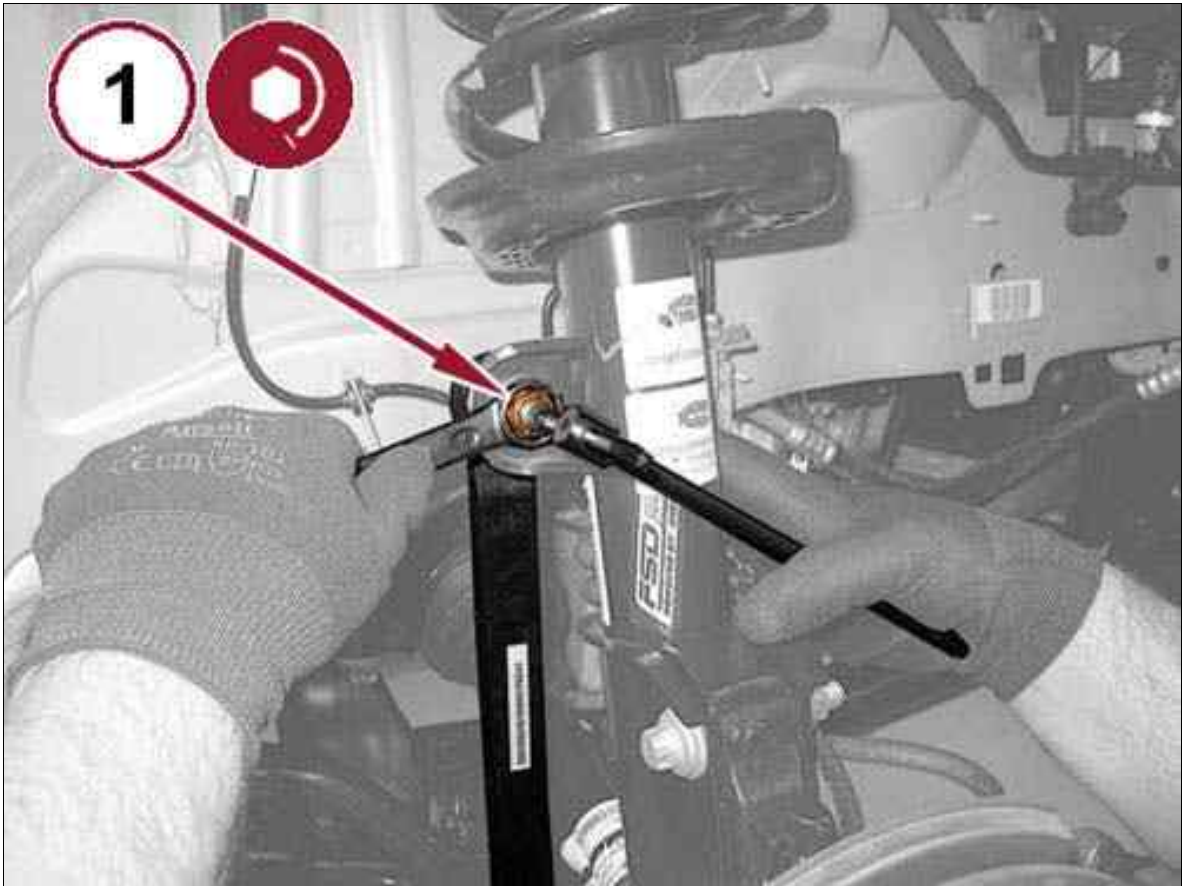
Fig 10: Stabilizer Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

17. Install the stabilizer links (1a) and install the nuts (1b).
18. Tighten the nuts to the proper specification. Refer to FRONT, SPECIFICATIONS .

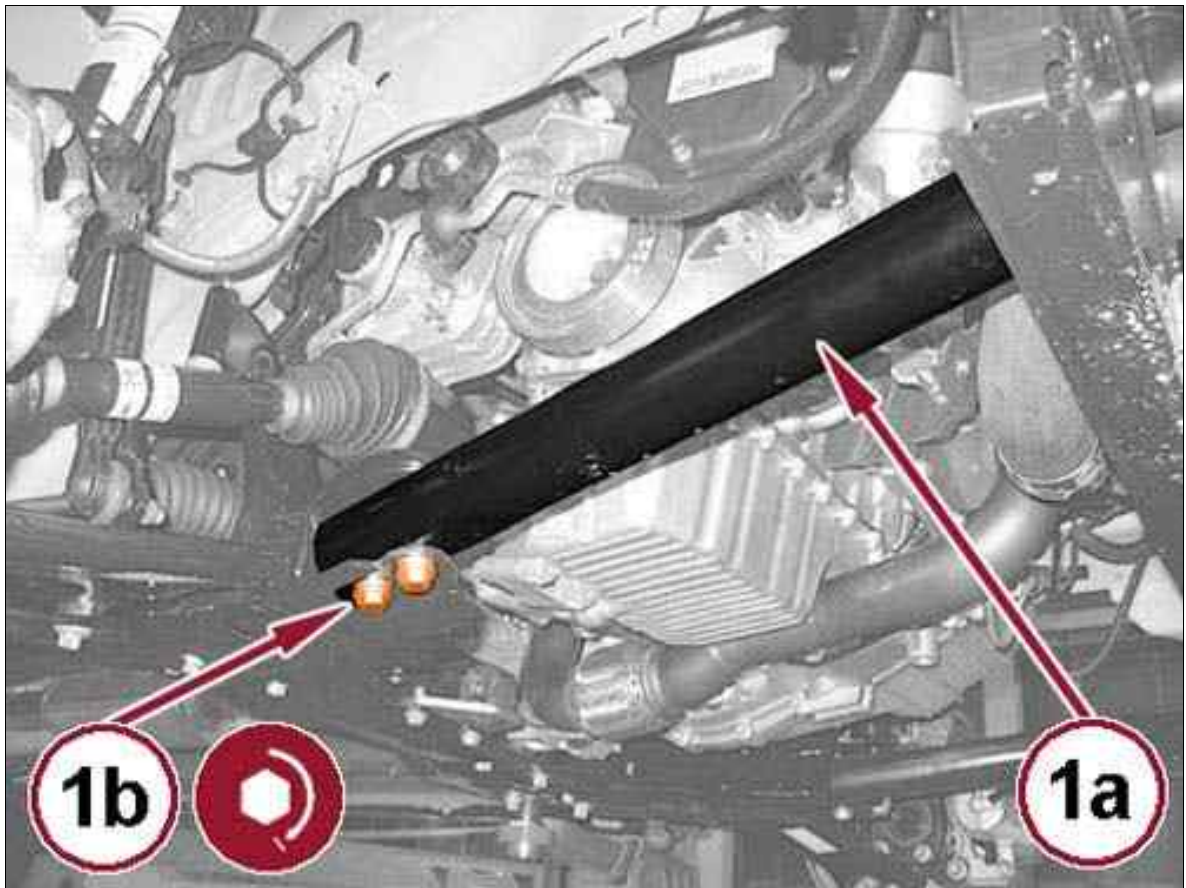
Fig 11: Stabilizer Bar Link Nut



Courtesy of CHRYSLER GROUP, LLC

19. Install the upper stabilizer nuts (1) and tighten to the proper specification. Refer to FRONT, SPECIFICATIONS .

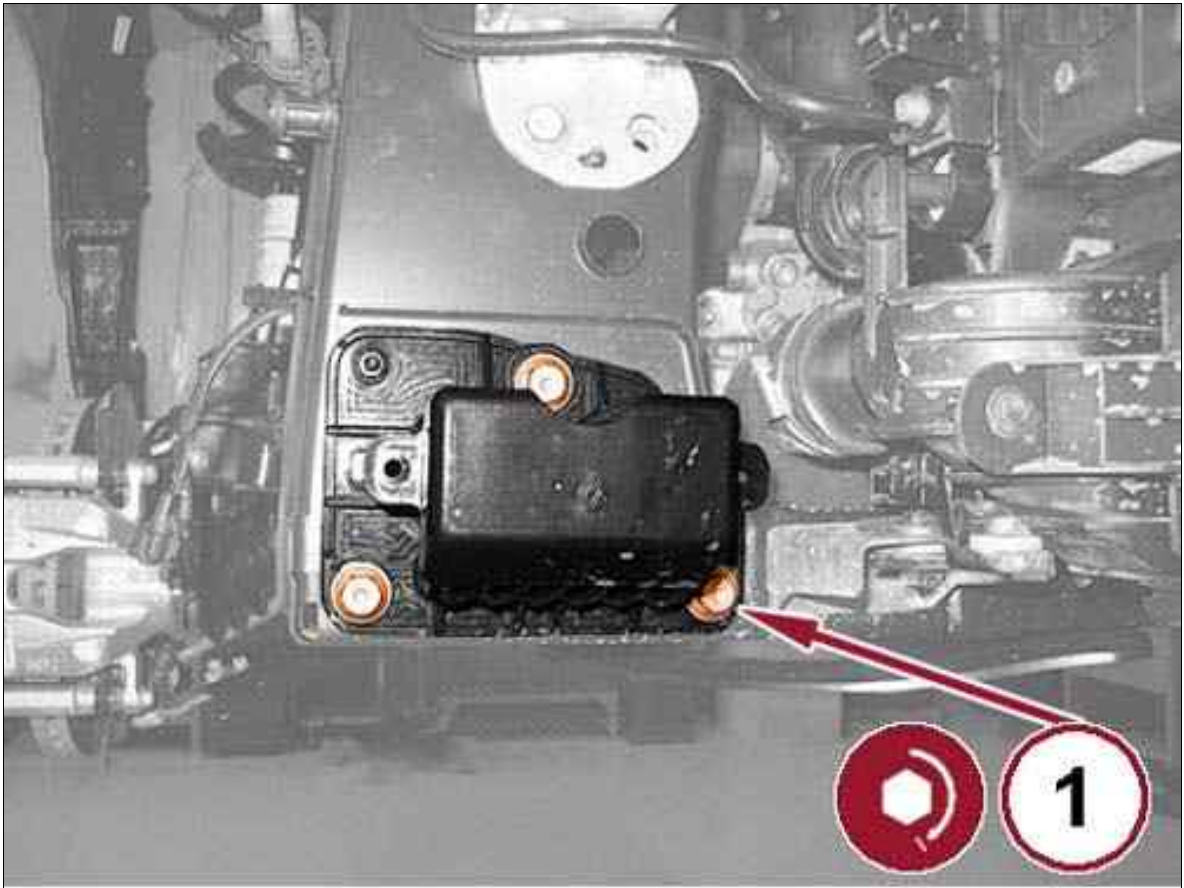
Fig 12: Lower Load Beam & Bolts



Courtesy of CHRYSLER GROUP, LLC

20. Install the lower load beams (1a) and install the bolts (1b).
21. Tighten the bolts to the proper specification. Refer to SPECIFICATIONS .

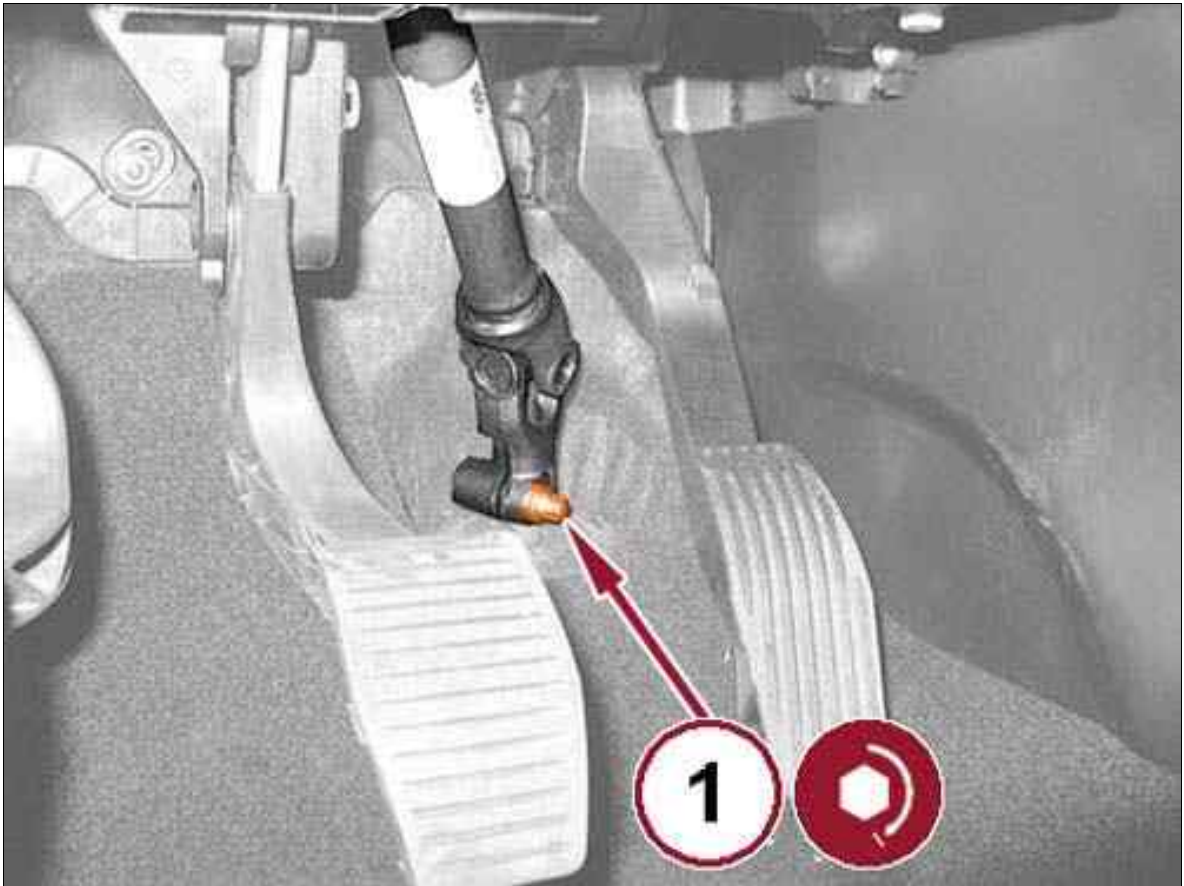
Fig 13: Bolt



Courtesy of CHRYSLER GROUP, LLC

22. Install the lower load beam extensions and install the bolts (1).
23. Tighten the bolts to the proper specification. Refer to SPECIFICATIONS .

Fig 14: Steering Column-To-Pinion Steering Box Screw

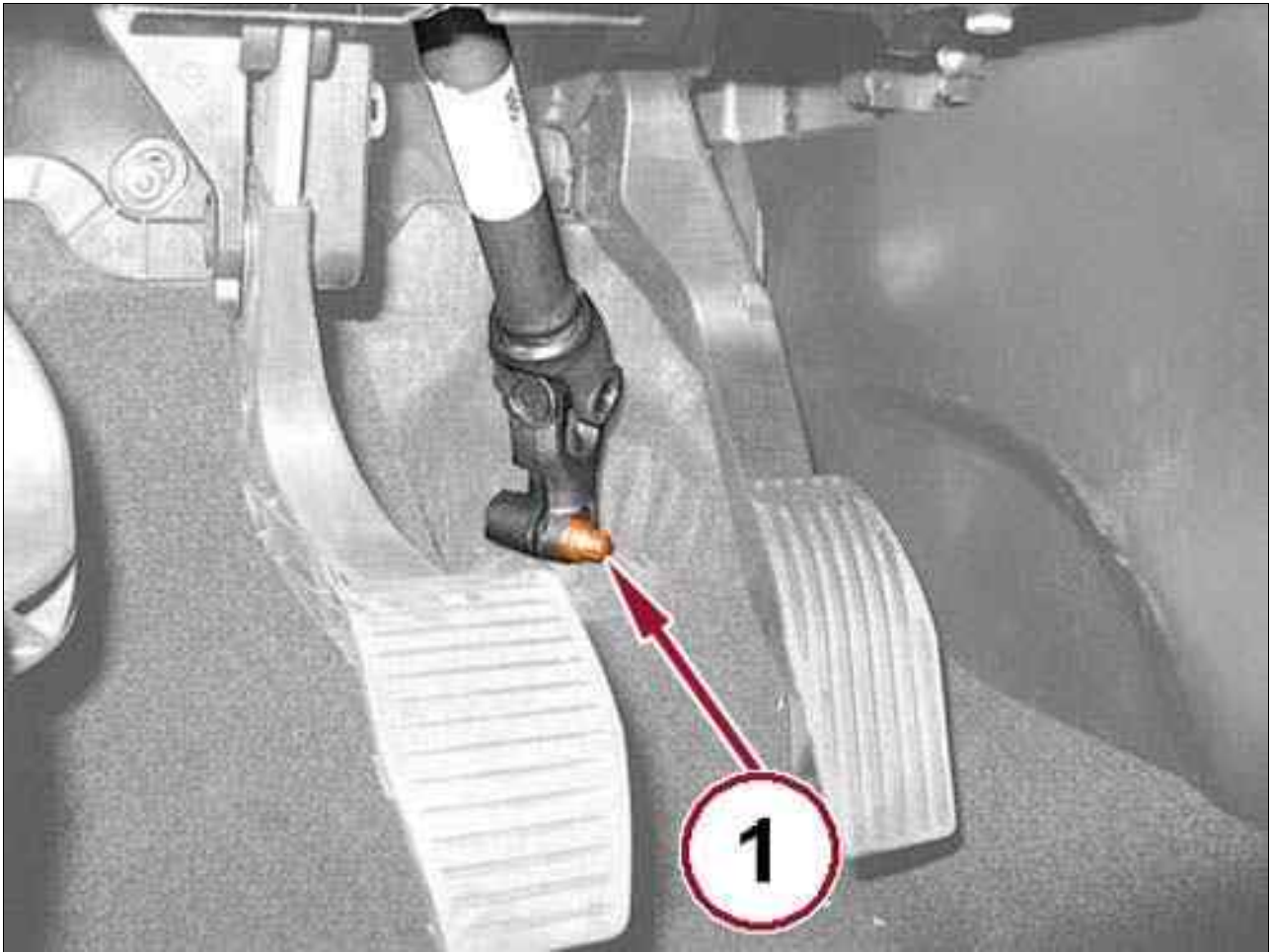


Courtesy of CHRYSLER GROUP, LLC

24. Install the steering shaft onto the steering gear and tighten the bolt (1) to the proper specification. Refer to SPECIFICATIONS .
25. Install the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
26. Install the front wheelhouse splash shields. Refer to SHIELD, SPLASH, FRONT WHEELHOUSE, REMOVAL AND INSTALLATION .
27. Install the belly pan. Refer to BELLY PAN, REMOVAL AND INSTALLATION .
28. Install the front wheels. Refer to REMOVAL AND INSTALLATION .
29. Check and adjust alignment. Refer to WHEEL ALIGNMENT, STANDARD PROCEDURE .

**FRAME > CROSSMEMBER, FRONT SUSPENSION > REMOVAL AND INSTALLATION >
2.4L MULTIAIR2, 1.4L TURBO MULTIAIR > REMOVAL**

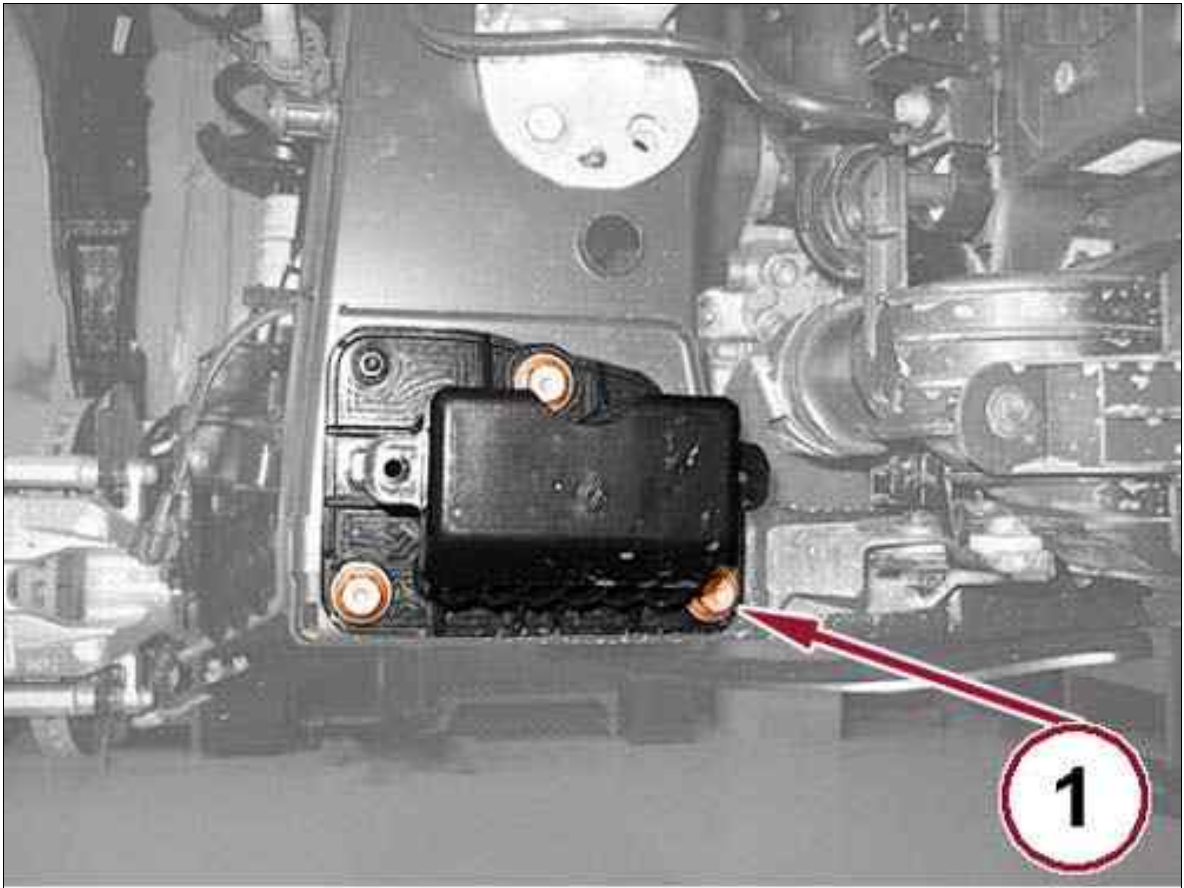
Fig 1: Steering Column-To-Pinion Steering Box Screw



Courtesy of CHRYSLER GROUP, LLC

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. Remove the front wheels. Refer to REMOVAL AND INSTALLATION .
3. Remove the belly pan. Refer to BELLY PAN, REMOVAL AND INSTALLATION .
4. Remove the front wheelhouse splash shields. Refer to SHIELD, SPLASH, FRONT WHEELHOUSE, REMOVAL AND INSTALLATION .
5. Remove the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
6. Remove the screw (1) securing the steering column to the pinion steering box.

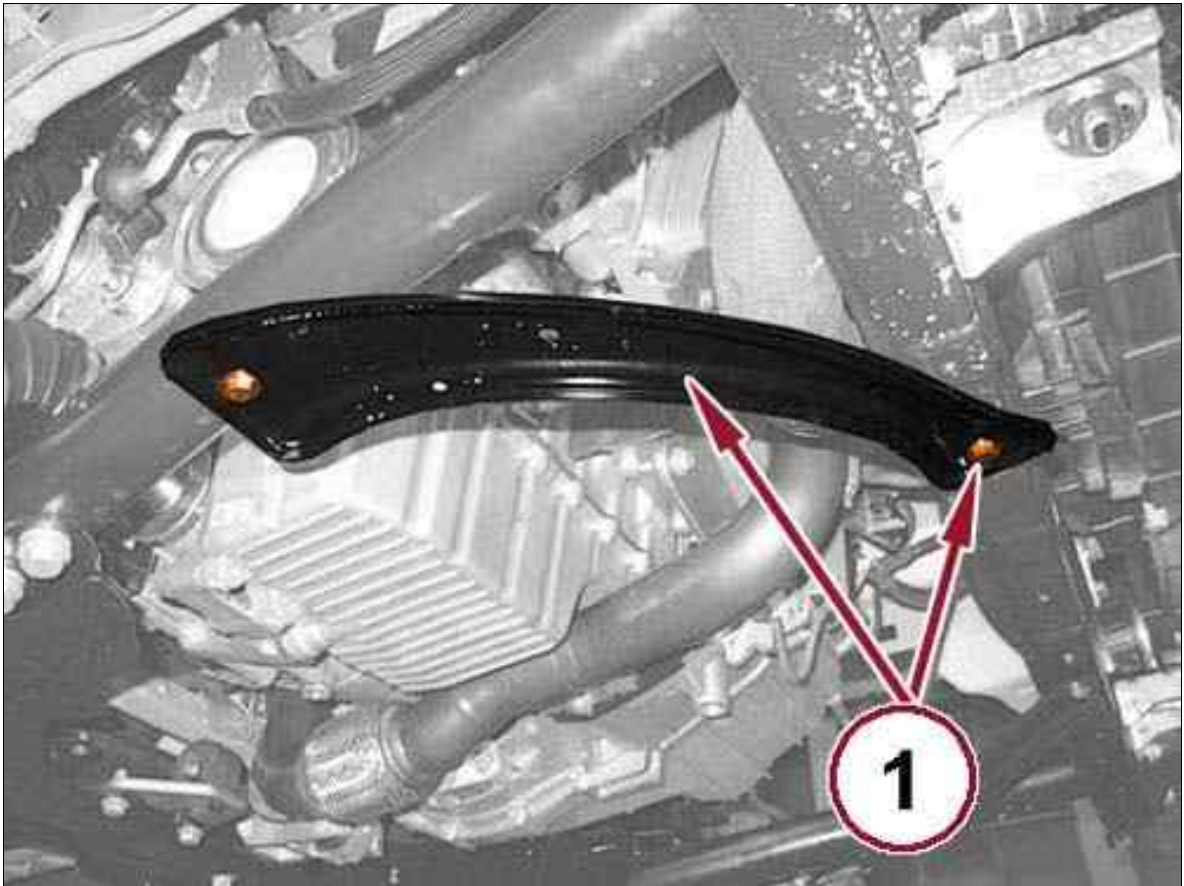
Fig 2: Bolt



Courtesy of CHRYSLER GROUP, LLC

7. Remove the bolts (1) and the load beam extensions.

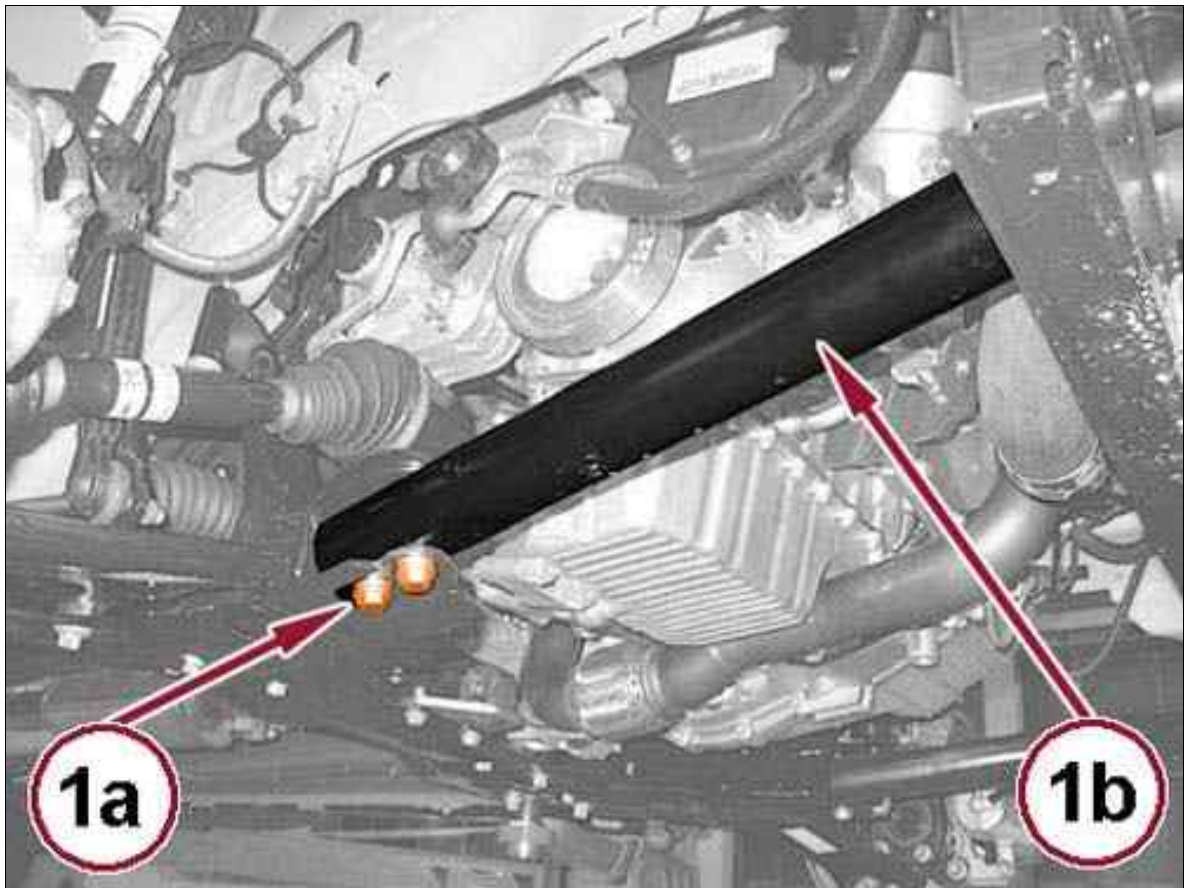
Fig 3: Reinforcement Bracket Bolt



Courtesy of CHRYSLER GROUP, LLC

8. Remove the bolts and remove the reinforcement bracket (1).

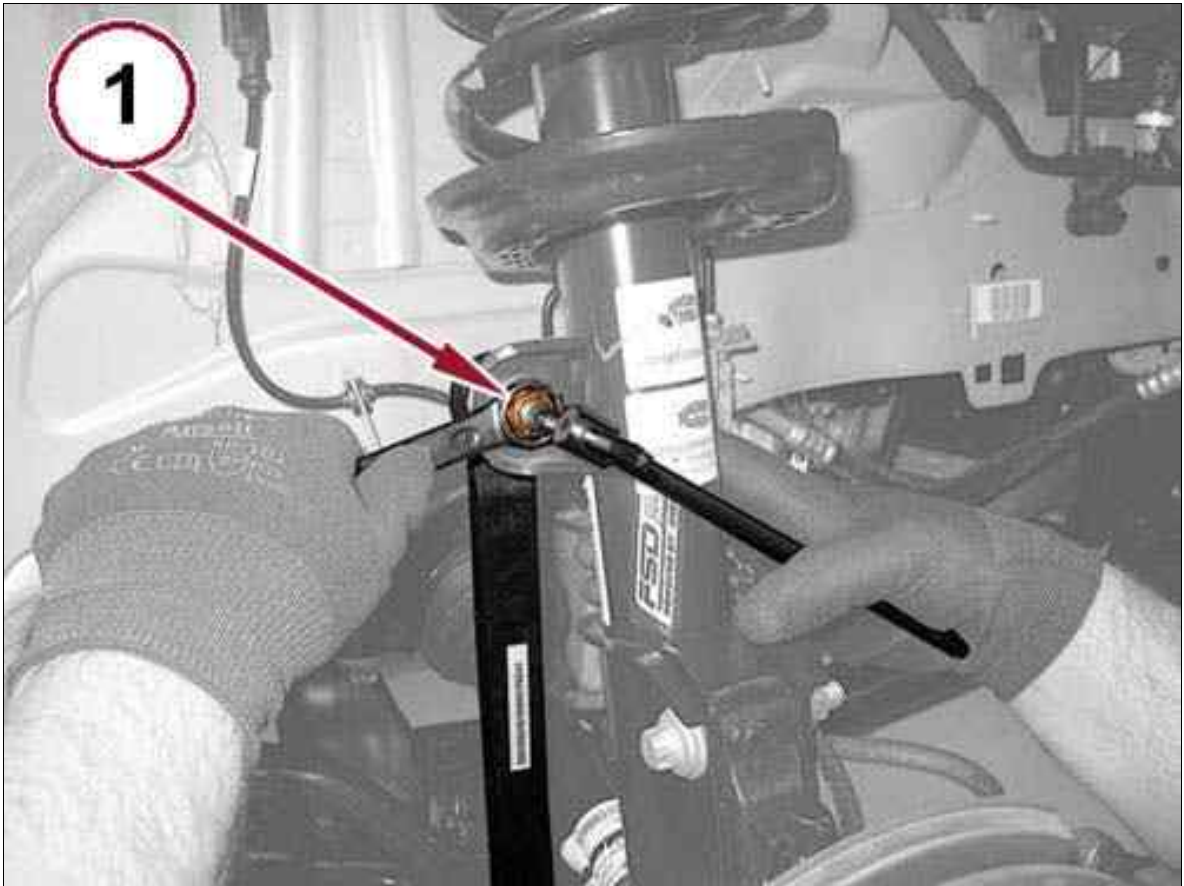
Fig 4: Lower Load Beam & Bolts



Courtesy of CHRYSLER GROUP, LLC

9. Remove the bolts (1a) and remove the lower load beams (1b).

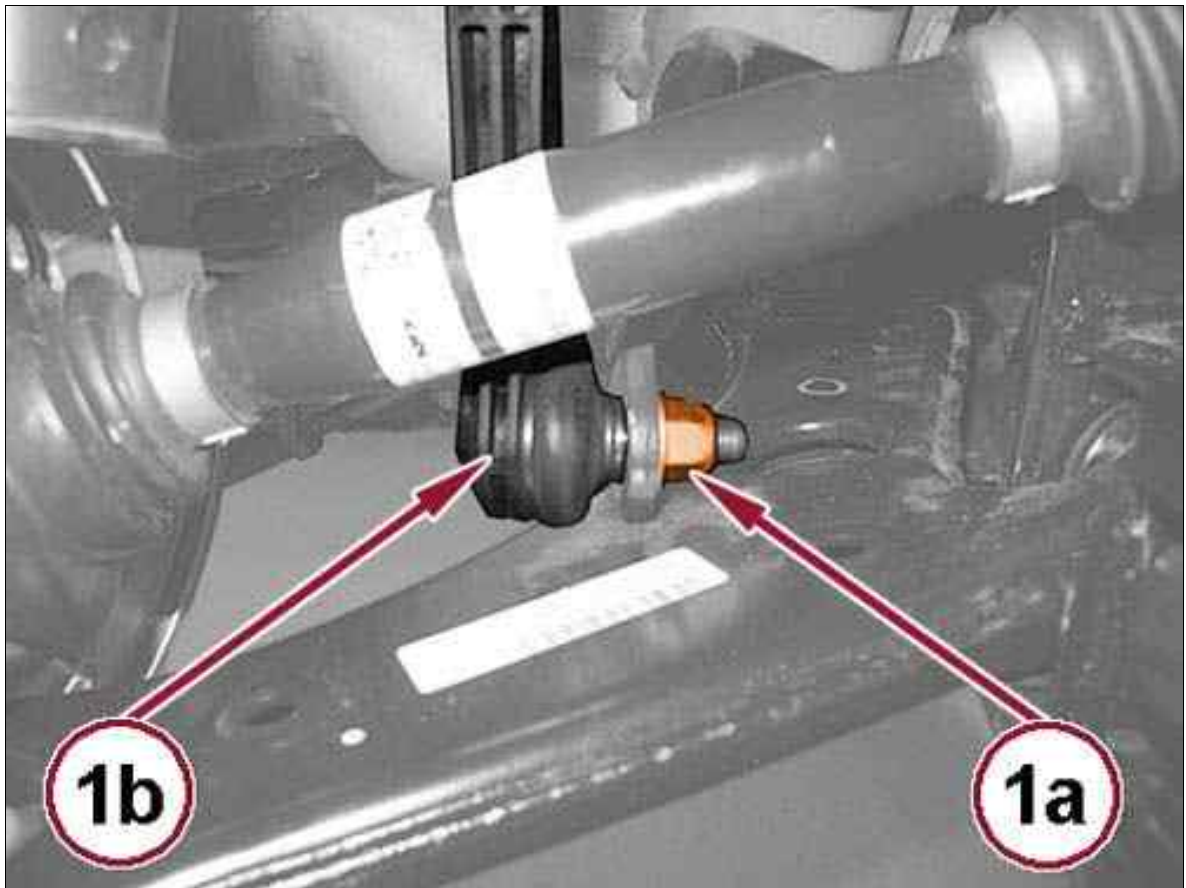
Fig 5: Stabilizer Bar Link Nut



Courtesy of CHRYSLER GROUP, LLC

10. Remove the stabilizer bar link nuts (1) at the front struts. Separate the stabilizer bar links from the front struts.

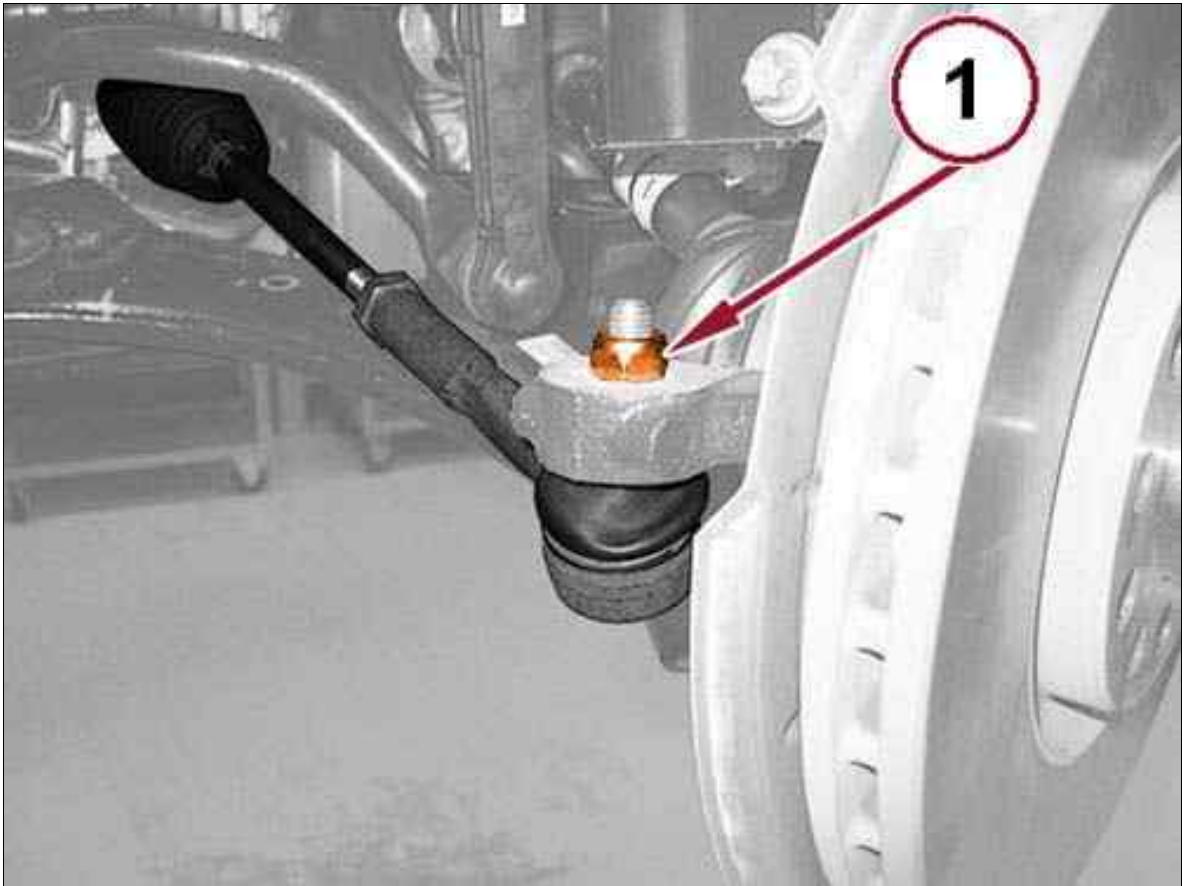
Fig 6: Stabilizer Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

11. Remove the stabilizer bar link nuts (1a) at the stabilizer bar. Separate the stabilizer bar links (1b) from the stabilizer bar.

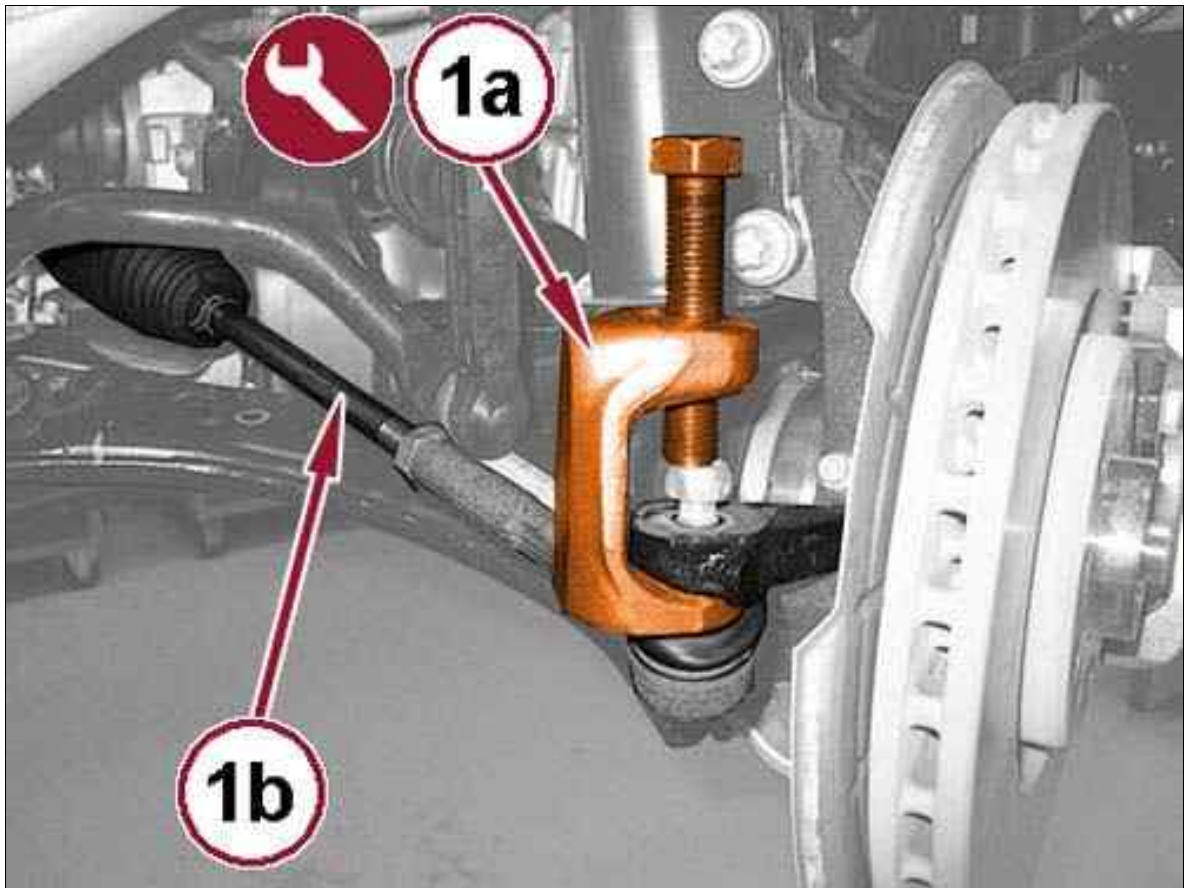
Fig 7: Tie Rod-To-Knuckles Nut



Courtesy of CHRYSLER GROUP, LLC

12. Remove the nuts (1) securing the tie rods to the knuckles.

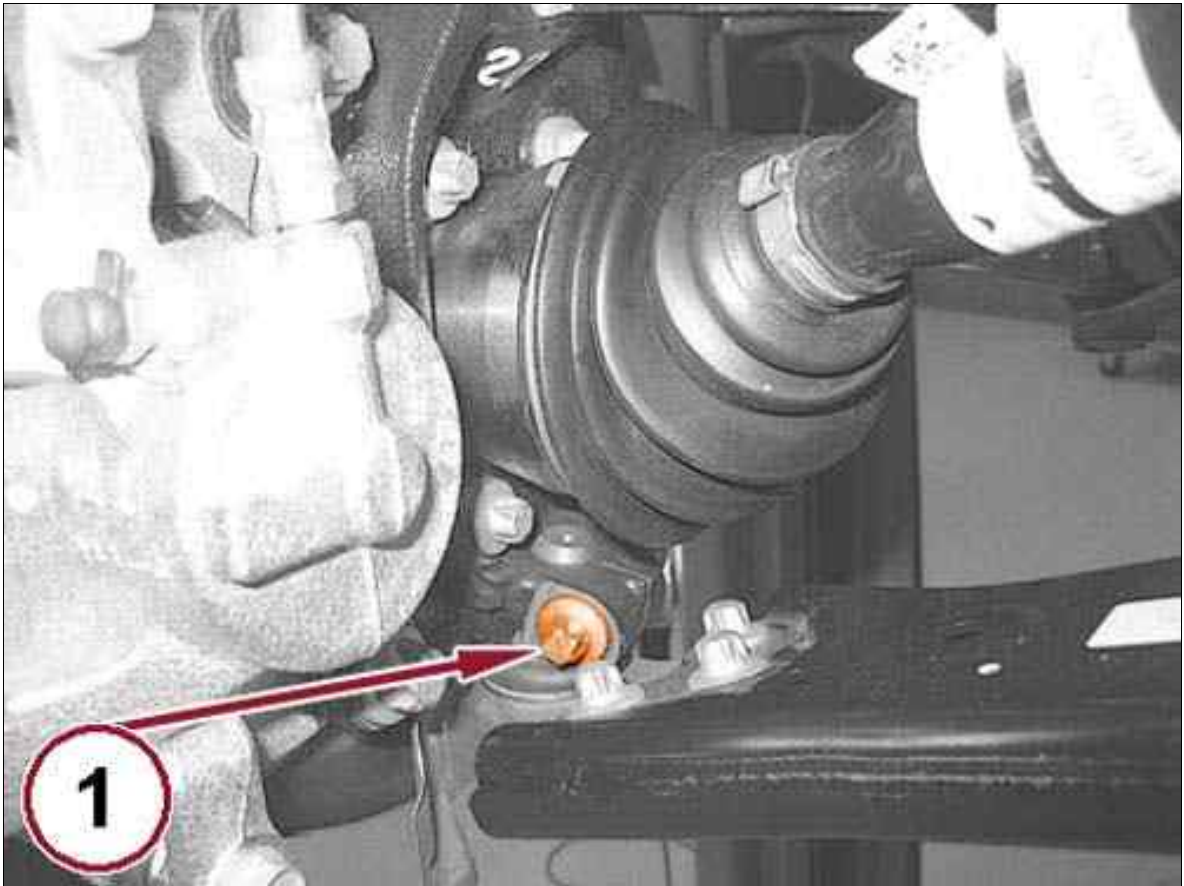
Fig 8: Special Tool & Tie Rod



Courtesy of CHRYSLER GROUP, LLC

13. Fit the special tool #1871000700 (1a) and release the tie rods (1b) from the knuckles.

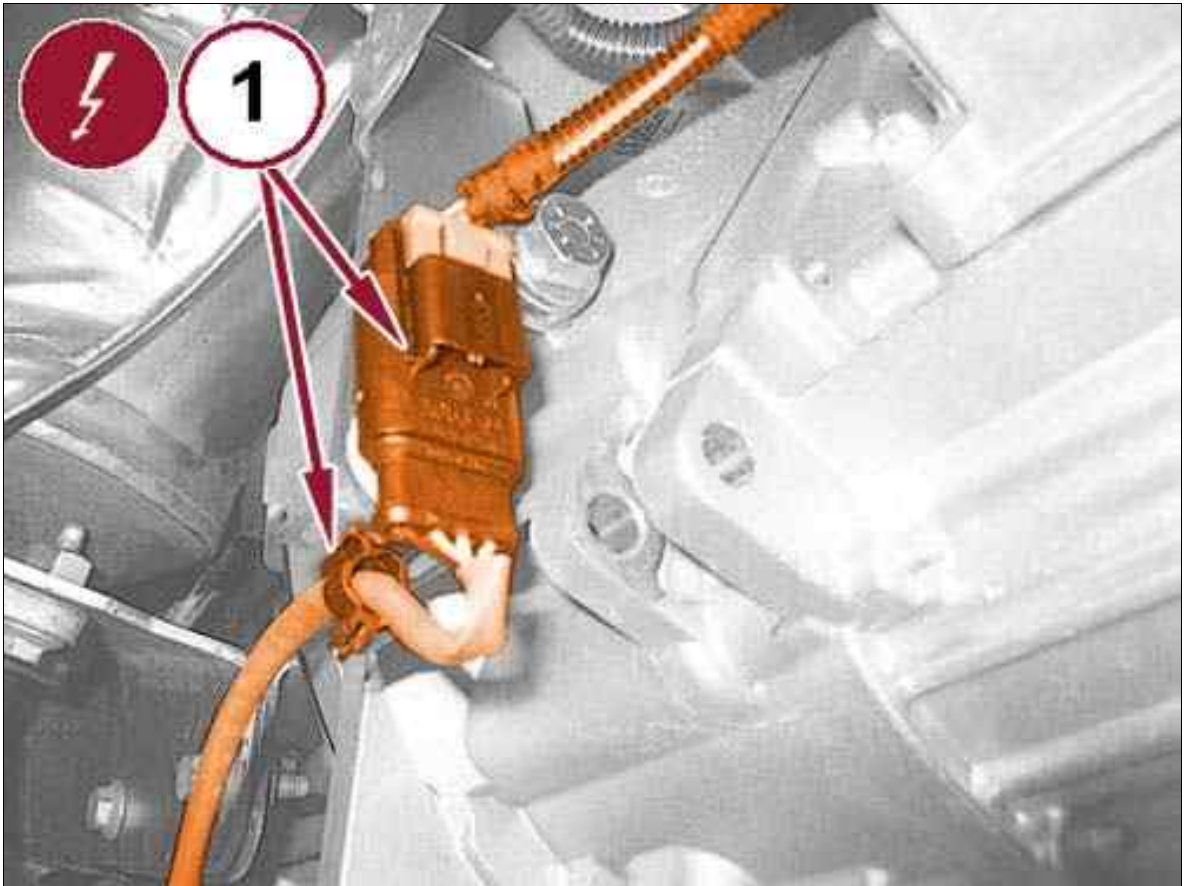
Fig 9: Wheel Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

14. Remove the bolts (1) at the wheel swing arms and separate the lower swing arms from the knuckles.

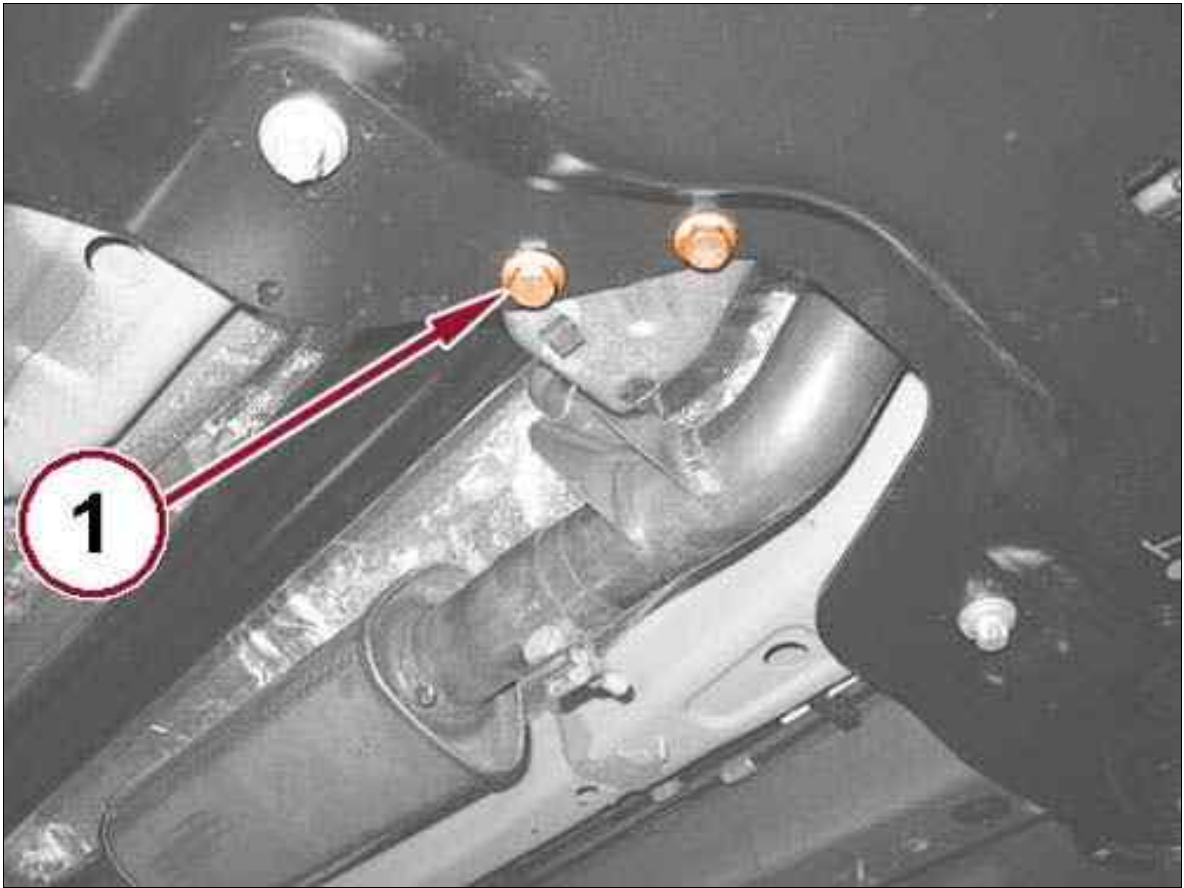
Fig 10: O2 Sensor Electrical Connection



Courtesy of CHRYSLER GROUP, LLC

15. Disconnect the O2 sensor electrical connection to the catalytic converter.

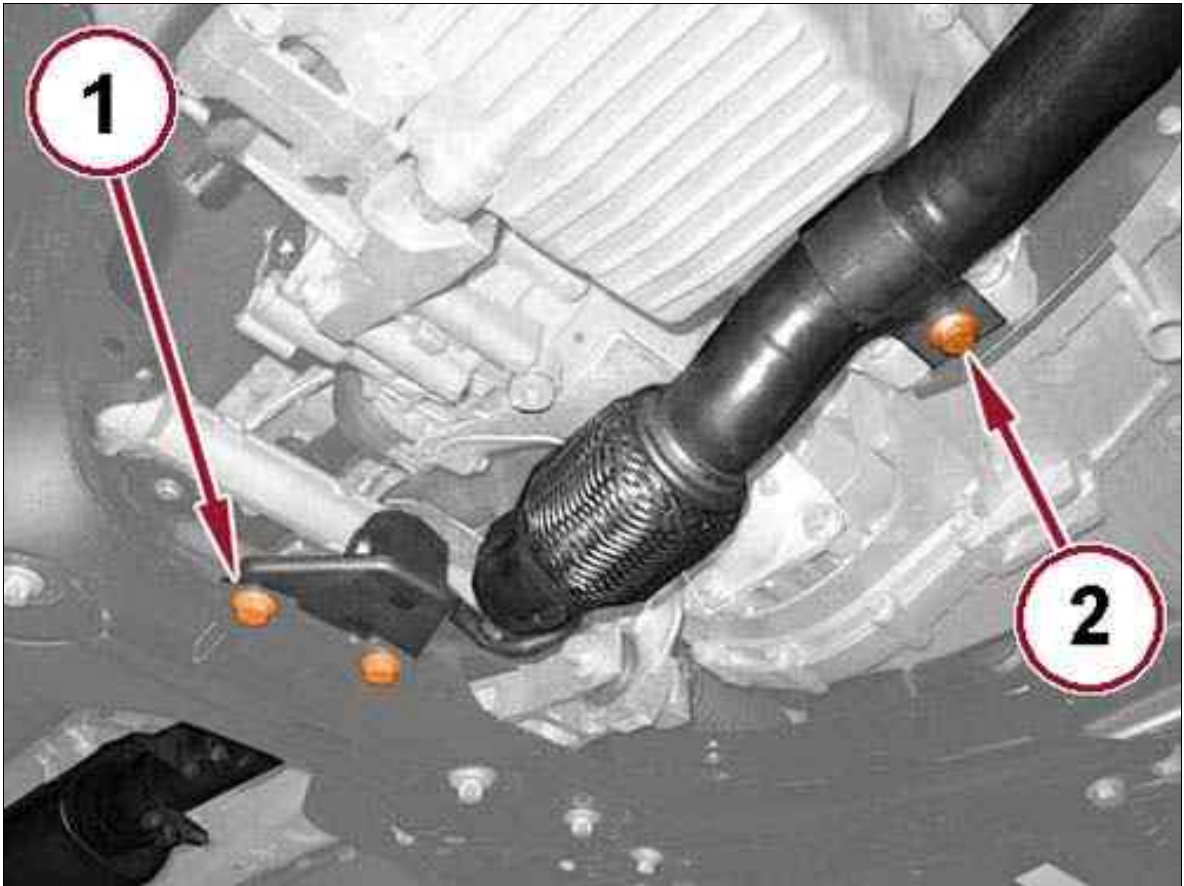
Fig 11: Exhaust Pipe Support Bracket Bolt



Courtesy of CHRYSLER GROUP, LLC

16. Remove the bolts (1) of the front bracket supporting the exhaust pipe.

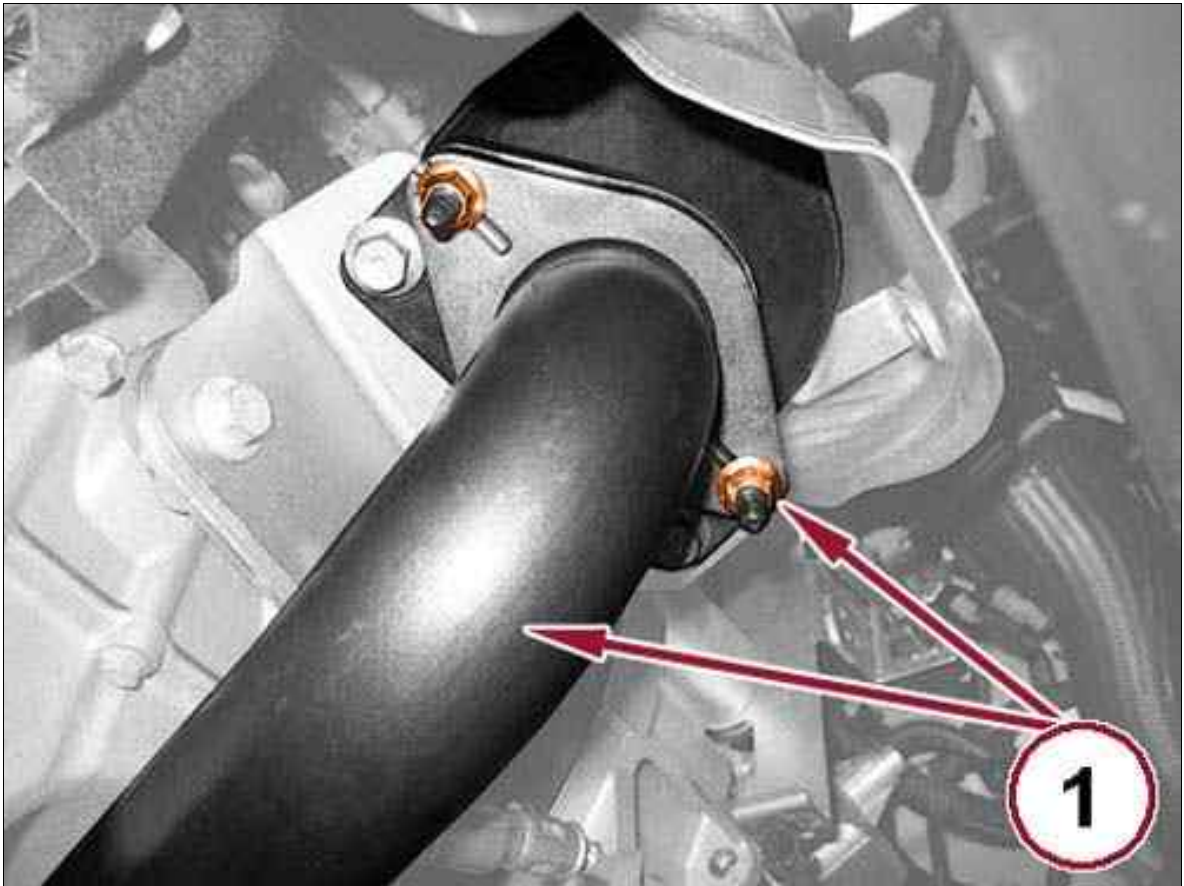
Fig 12: Support Bracket Bolts



Courtesy of CHRYSLER GROUP, LLC

17. Remove the bolts (1) securing the rear support bracket to the discharge pipe.
18. Remove the support bracket bolt (2).

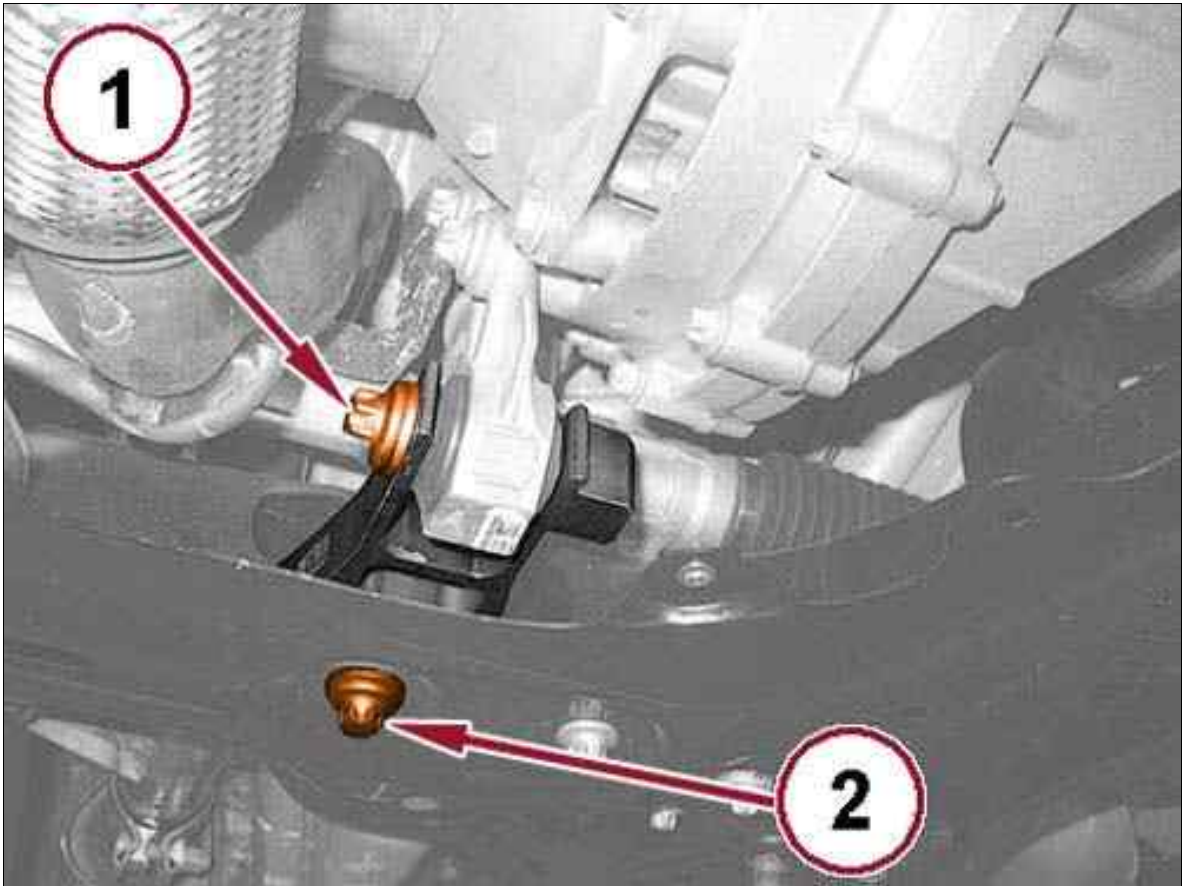
Fig 13: Discharge Pipe & Nut



Courtesy of CHRYSLER GROUP, LLC

19. Remove the nuts and release the discharge pipe (1) from the catalytic converter and support it to the side.

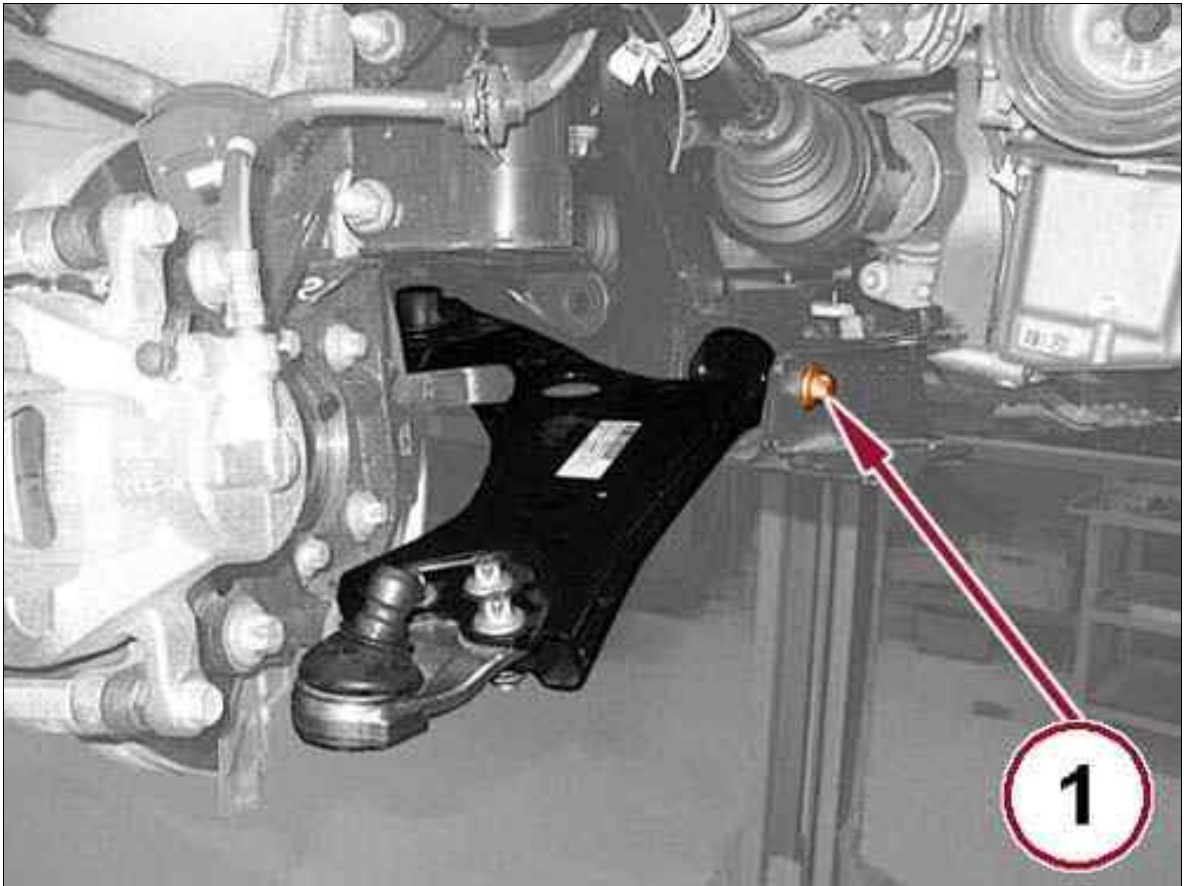
Fig 14: Lower Reaction Rod Bolts



Courtesy of CHRYSLER GROUP, LLC

20. Remove the bolt (1) securing the lower reaction rod to the engine.
21. Loosen the bolt (2) securing the lower reaction rod to the suspension crossmember.

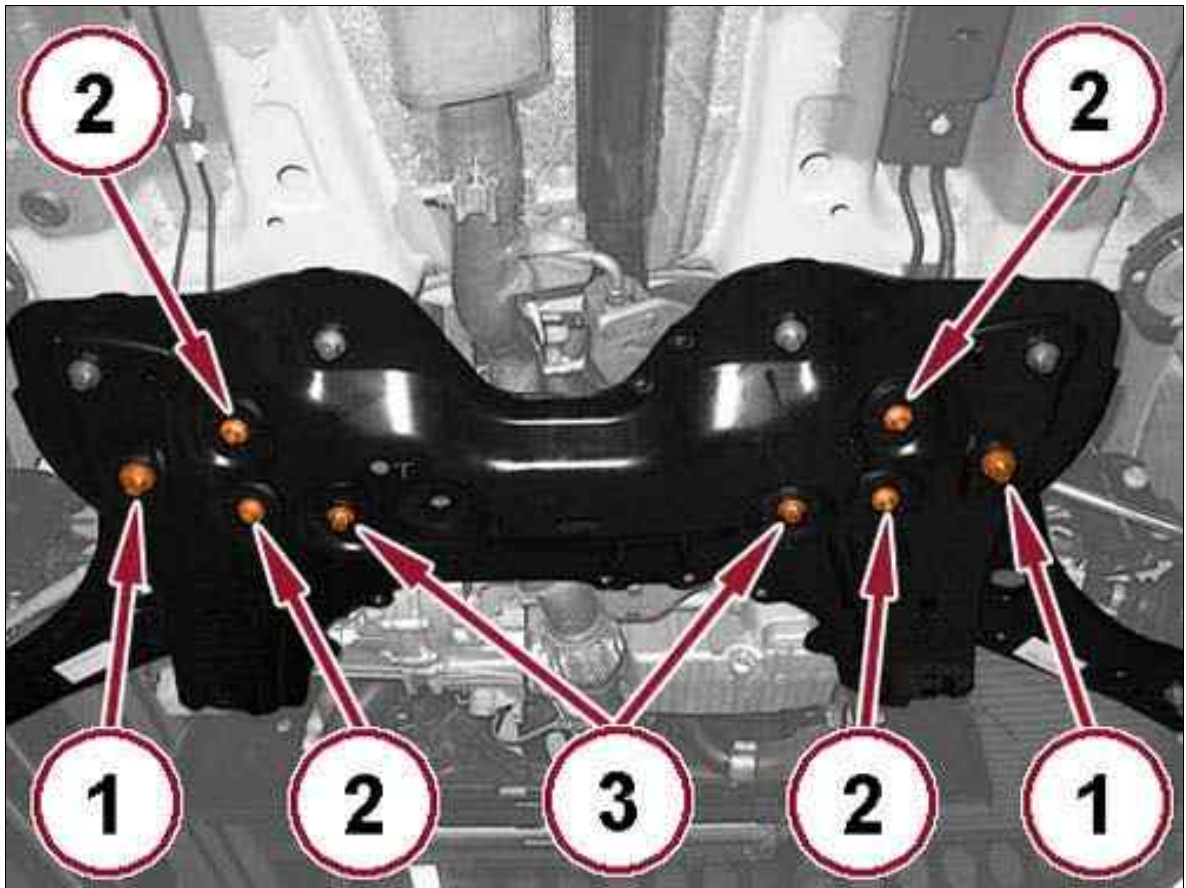
Fig 15: Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

22. Loosen the bolt securing the swing arm, left and right, to suspension crossmember.

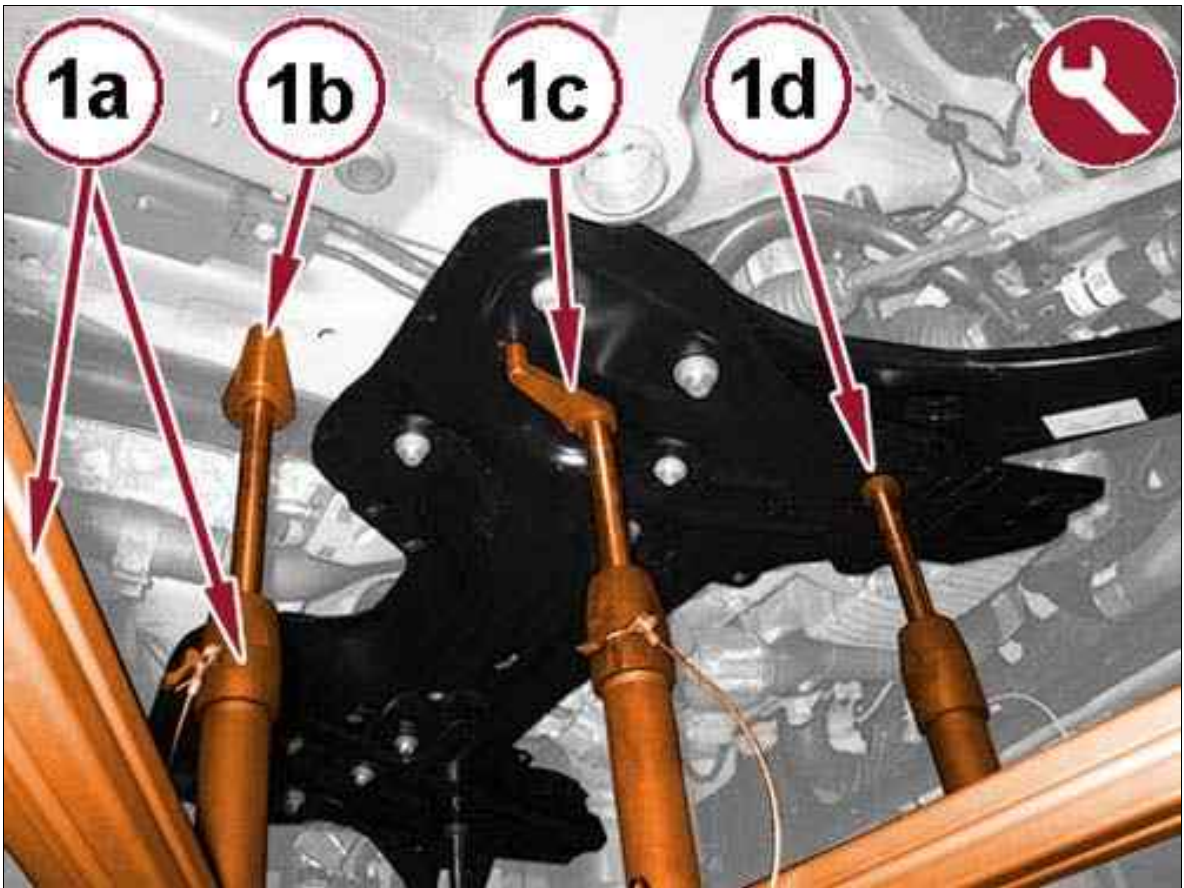
Fig 16: Bolts



Courtesy of CHRYSLER GROUP, LLC

- 23. Loosen the swing arm bolts (1).
- 24. Loosen the stabilizer bar bolts (2).
- 25. Loosen the steering gear bolts (3).

Fig 17: Supporting Front Suspension Crossmember



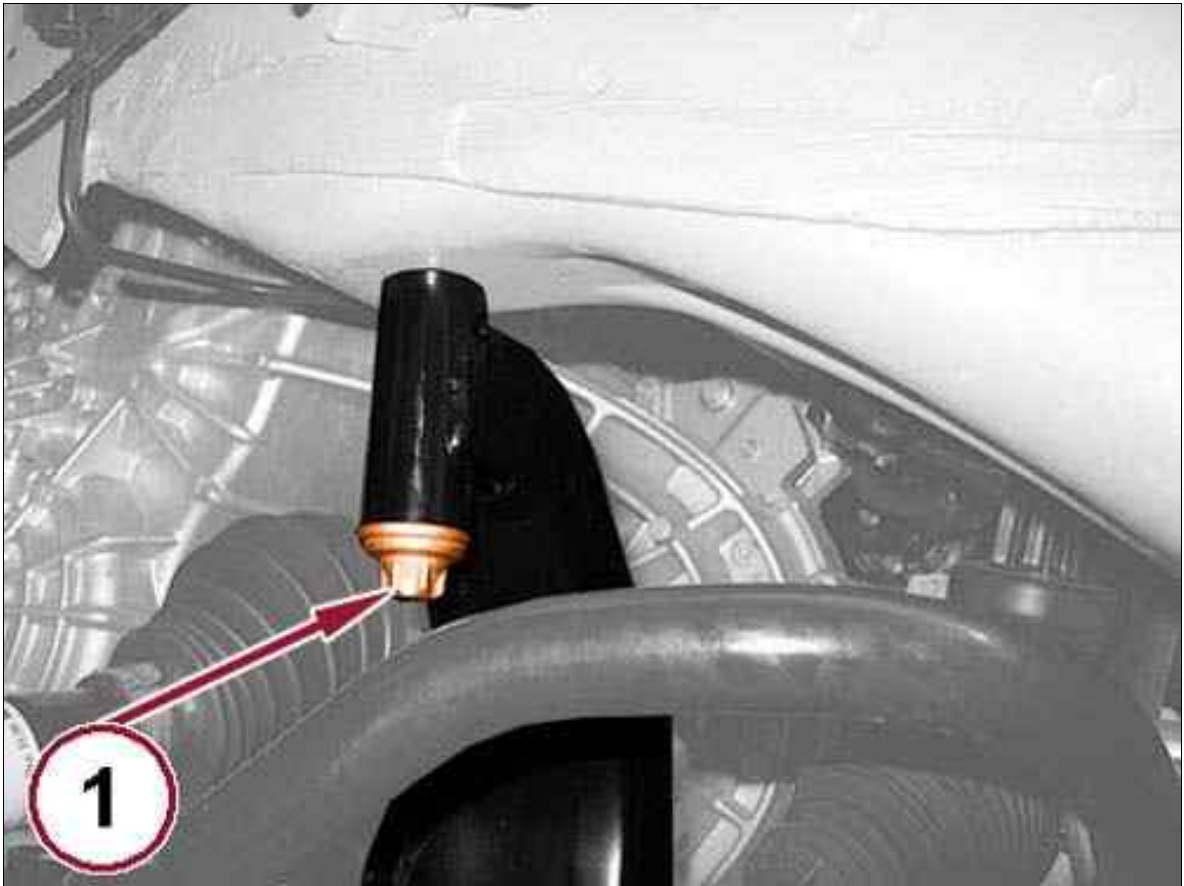
Courtesy of CHRYSLER GROUP, LLC

 NOTE:

The following step requires the use of universal tool #2000043000, body centering conical/round pin #2000043300, crossmember centering pin/bracket #2000043500 and crossmember centering pin #2000043600.

26. Using a suitable hydraulic lift, support the front suspension crossmember with the gear (1a), (1b), (1c) and (1d) as shown in the illustration.

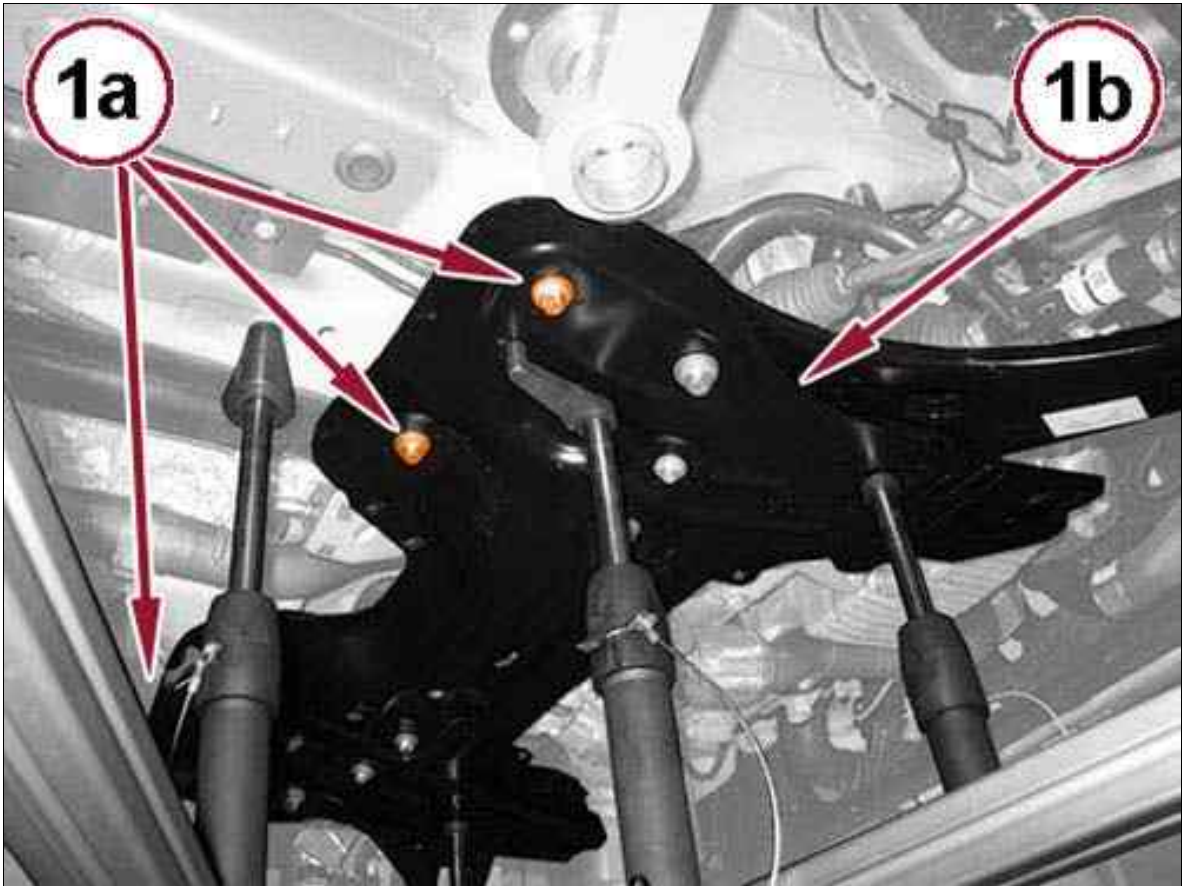
Fig 18: Front Suspension Crossmember Bolt



Courtesy of CHRYSLER GROUP, LLC

27. Remove the bolts (1) attaching the front suspension crossmember to the left and right side panels.

Fig 19: Front Suspension Crossmember & Bolts

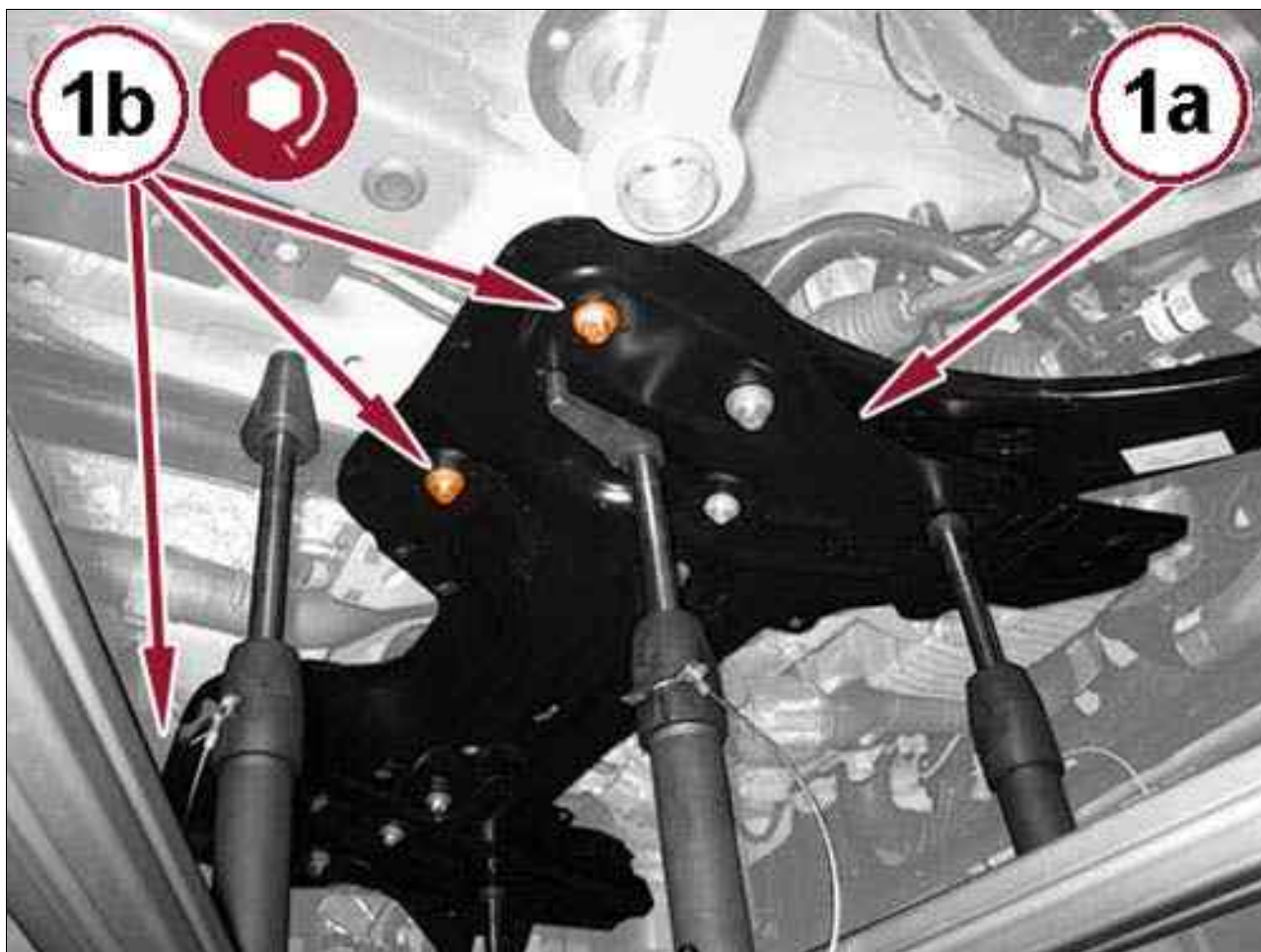


Courtesy of CHRYSLER GROUP, LLC

28. Remove the bolts (1a) and remove the front suspension crossmember (1b).
29. Remove the front exhaust pipe.
30. Remove the bolt and remove the lower reaction rod to the suspension crossmember.
31. Remove the screws and bolts previously loosened and remove control arms, left and right.
32. Remove the screws previously loosened and remove the stabilizer bar.
33. Unscrew the bolts previously loose and remove the steering box.

**FRAME > CROSSMEMBER, FRONT SUSPENSION > REMOVAL AND INSTALLATION >
2.4L MULTIAIR2, 1.4L TURBO MULTIAIR > INSTALLATION**

Fig 1: Front Suspension Crossmember & Bolts



Courtesy of CHRYSLER GROUP, LLC

1. With the tools used during removal, install the crossmember (1a) and tighten the screws (1b) to the proper specification. Refer to SPECIFICATIONS .

Fig 2: Front Suspension Crossmember Bolt



Courtesy of CHRYSLER GROUP, LLC

2. Tighten the bolts attaching the crossmember to the left and right side panels to the proper specification. Refer to SPECIFICATIONS .

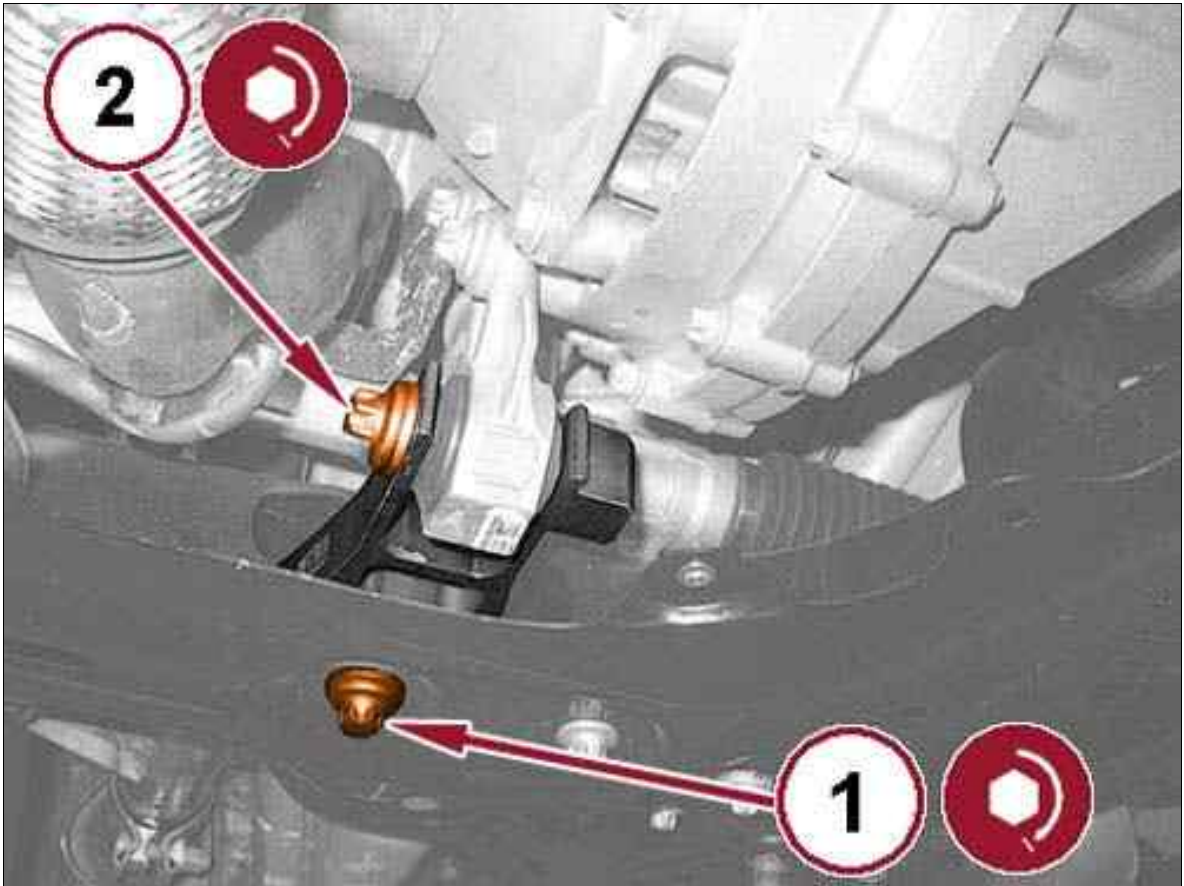
Fig 3: Supporting Lower Control Arm



Courtesy of CHRYSLER GROUP, LLC

3. Remove the crossmember lifting devise.
4. Place a suitable hydraulic jack under the lower control arm as shown in FIG.

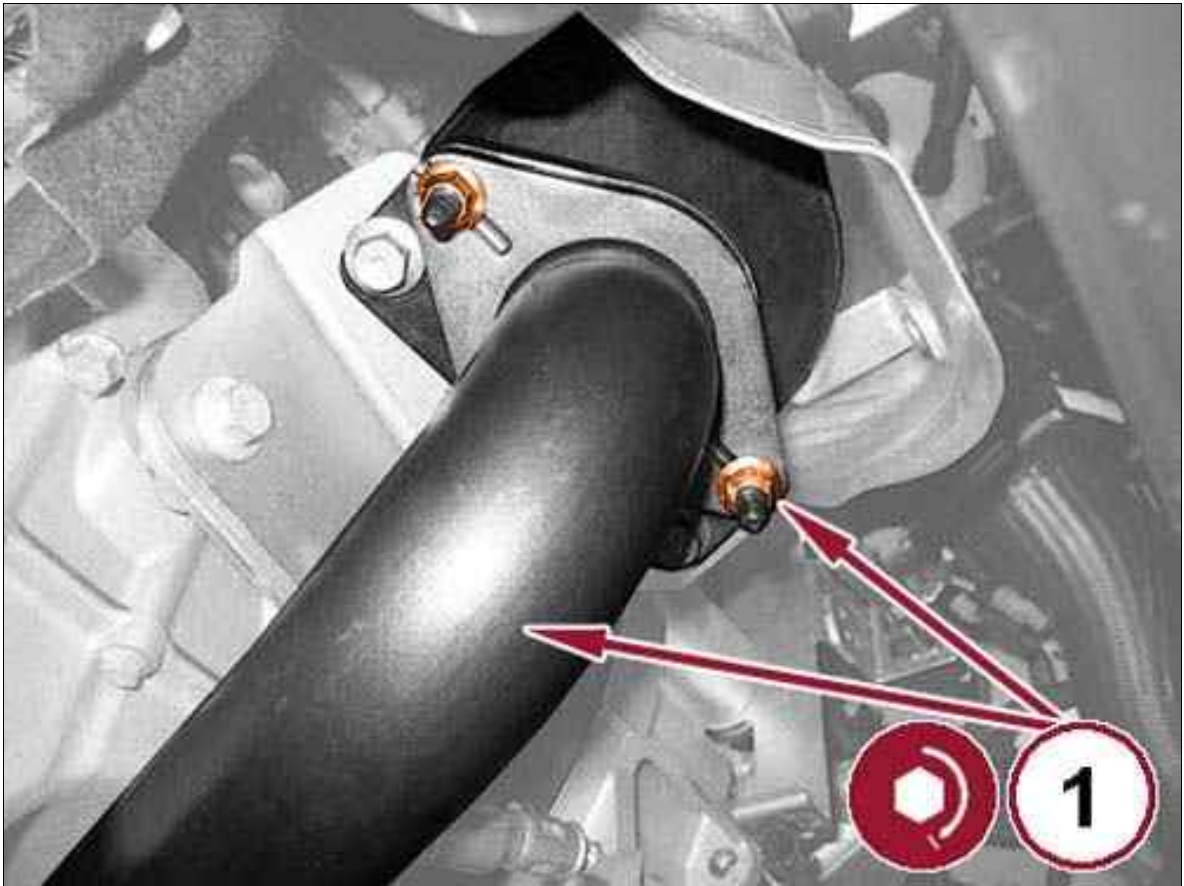
Fig 4: Lower Reaction Rod Bolts



Courtesy of CHRYSLER GROUP, LLC

5. Tighten the lower control arm to the suspension bolts to the proper specification. Refer to FRONT, SPECIFICATIONS .
6. Tighten the stabilizer bar to the suspension bolts to the proper specification. Refer to FRONT, SPECIFICATIONS .
7. Tighten the steering gear to the suspension bolts to the proper specification. Refer to SPECIFICATIONS .
8. Tighten the reaction rod bolt to the crossmember to the proper specification. Refer to SPECIFICATIONS .
9. Tighten the reaction rod bolt to the transmission bracket to the proper specification. Refer to SPECIFICATIONS .

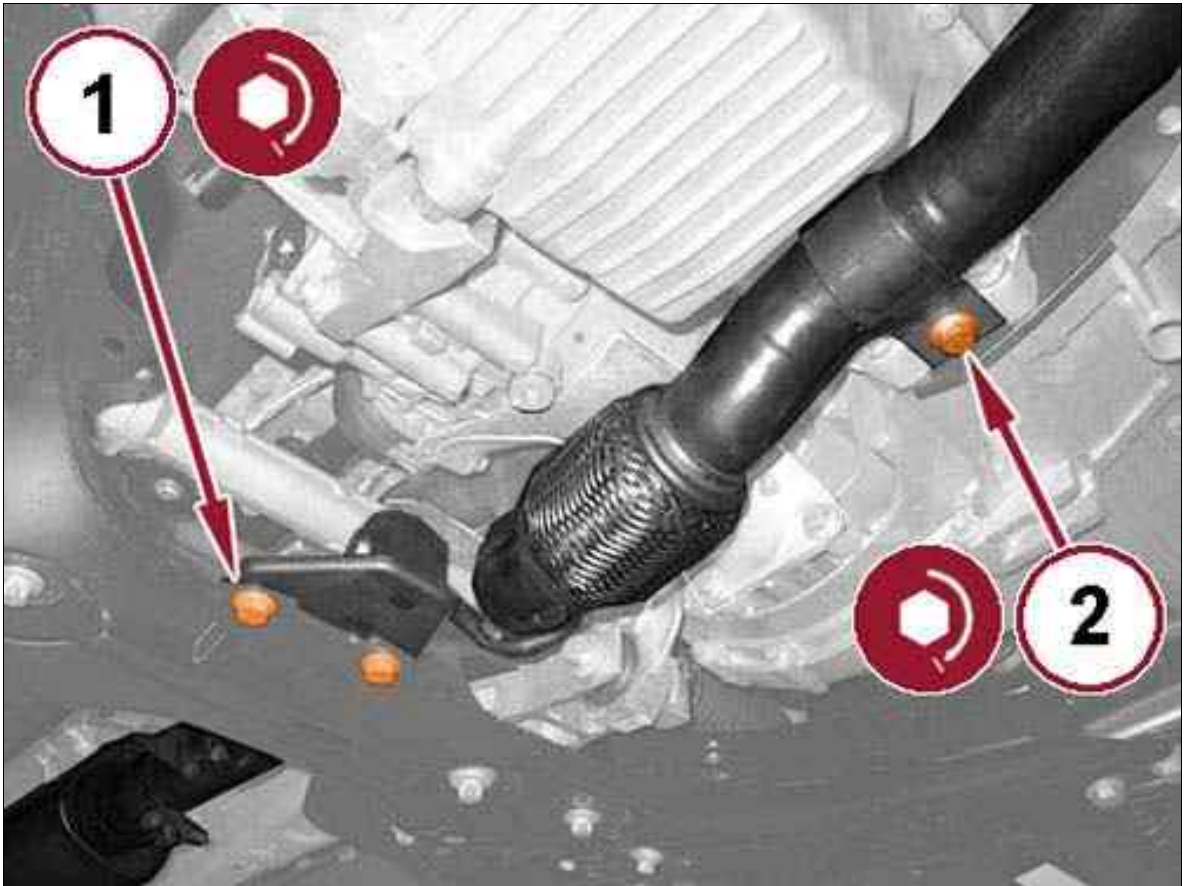
Fig 5: Discharge Pipe & Nut



Courtesy of CHRYSLER GROUP, LLC

10. Connect the exhaust pipe complete with new gasket to the catalytic converter and tighten the new nuts (1) to the proper specification. Refer to SPECIFICATIONS .

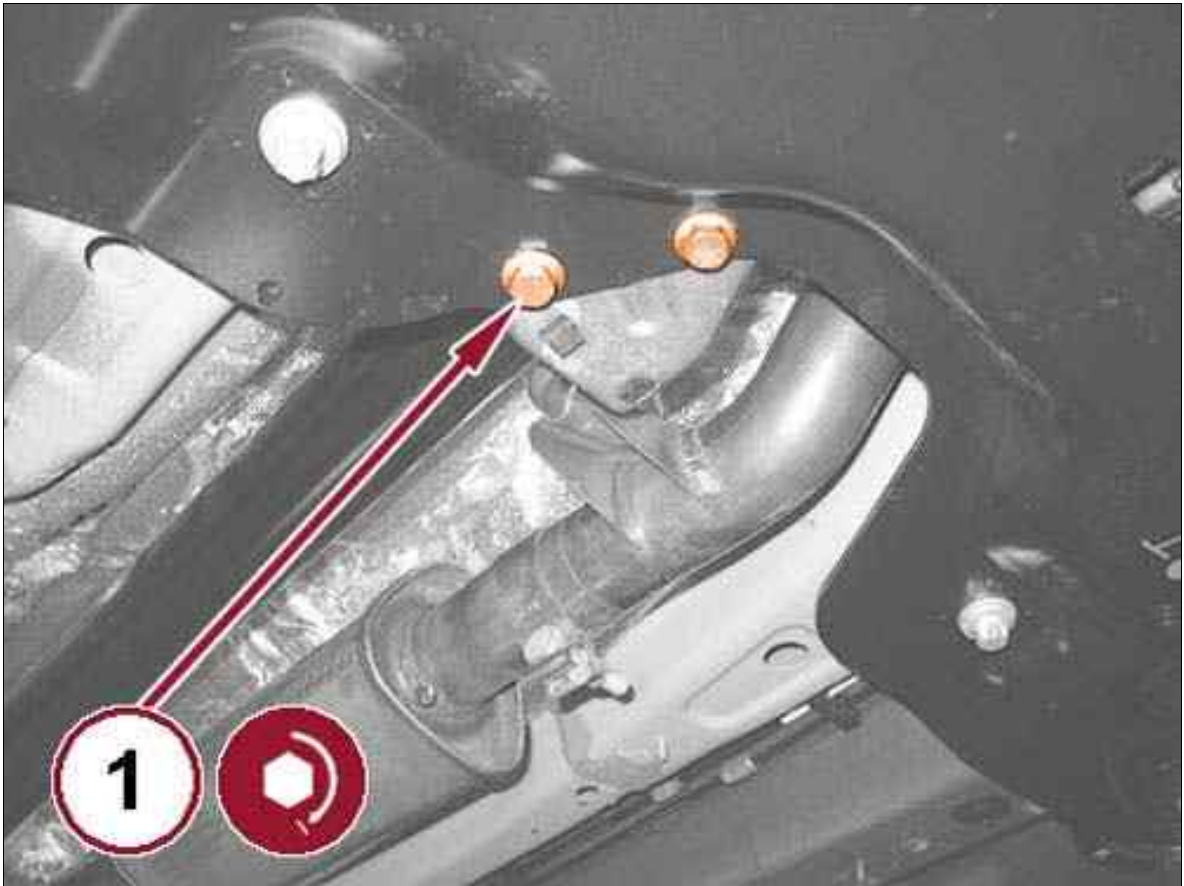
Fig 6: Support Bracket Bolts



Courtesy of CHRYSLER GROUP, LLC

11. Install the exhaust support bracket and install the bolts (1).
12. Tighten the bolts (1) to the proper specification. Refer to SPECIFICATIONS .
13. Install the support bolt (2) and tighten to the proper specification. Refer to SPECIFICATIONS .

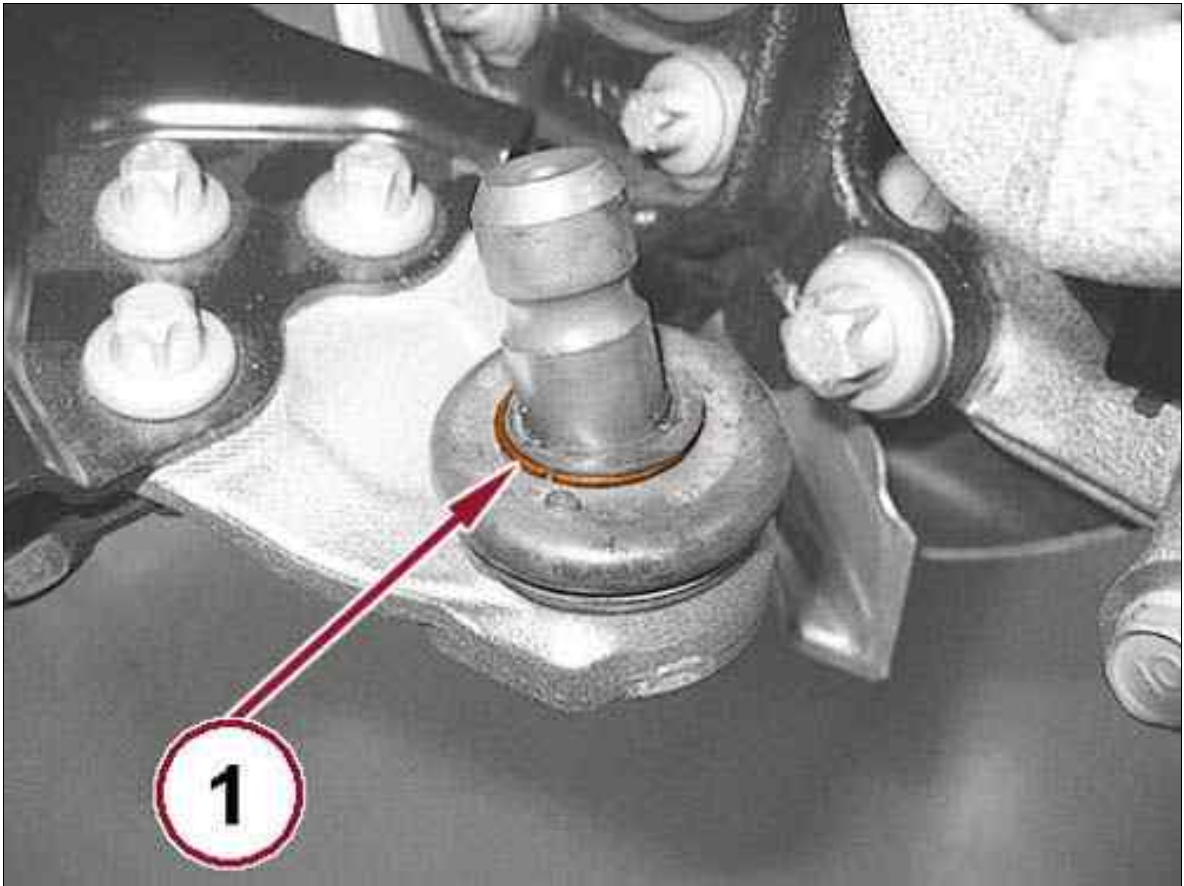
Fig 7: Exhaust Pipe Support Bracket Bolt



Courtesy of CHRYSLER GROUP, LLC

14. Install the exhaust support bracket bolts (1) and tighten to the proper specification. Refer to SPECIFICATIONS .

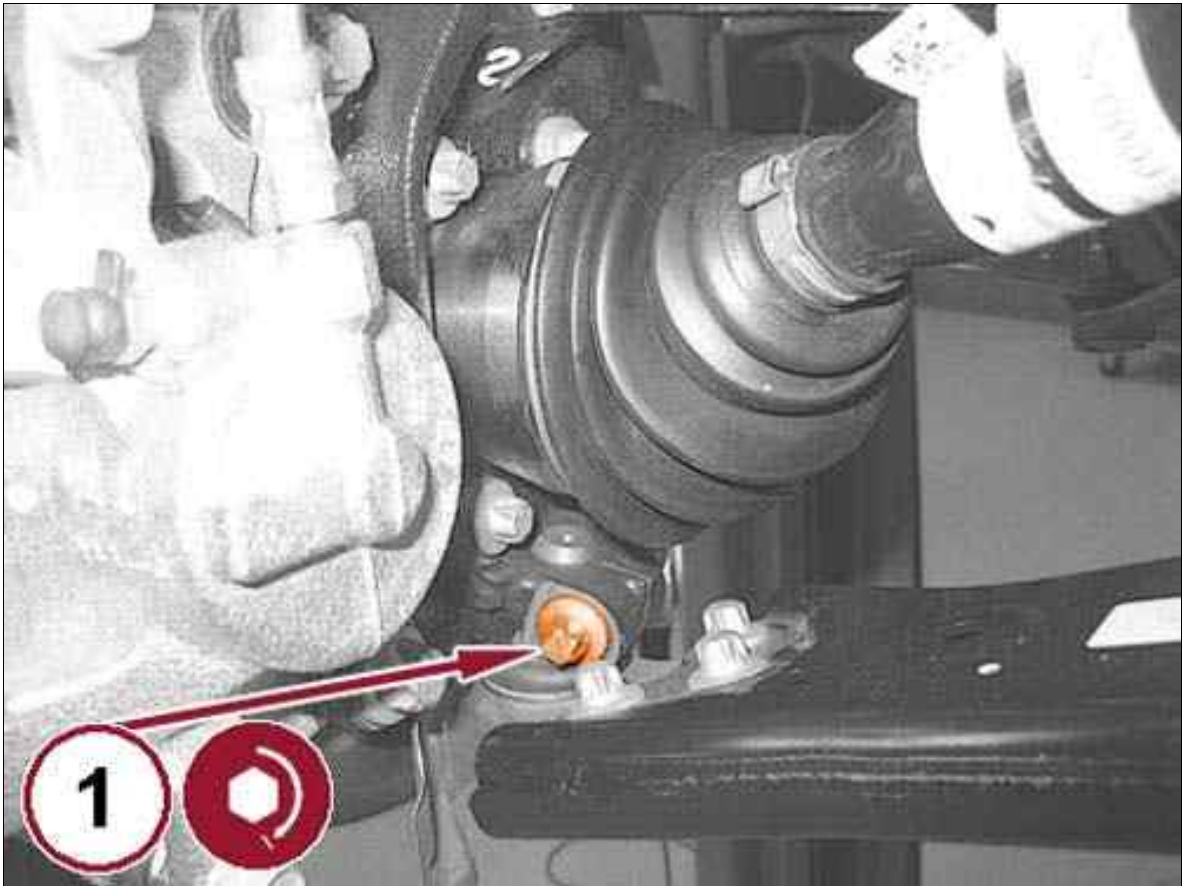
Fig 8: Lower Ball Joint Boot



Courtesy of CHRYSLER GROUP, LLC

15. Check the integrity of the lower ball joint boot (1).

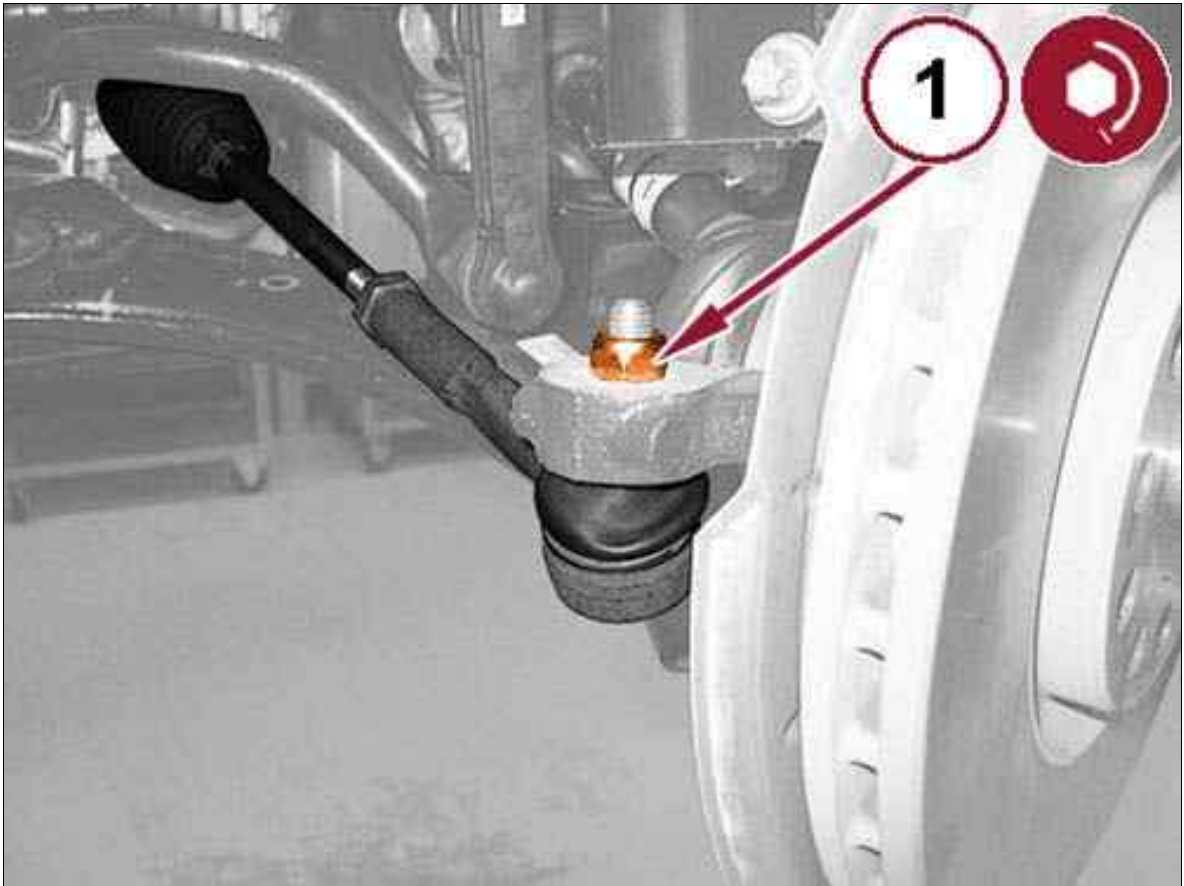
Fig 9: Wheel Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

16. Attach the lower control arms to the steering knuckles and tighten the bolts (1) to the proper specification. Refer to FRONT, SPECIFICATIONS .

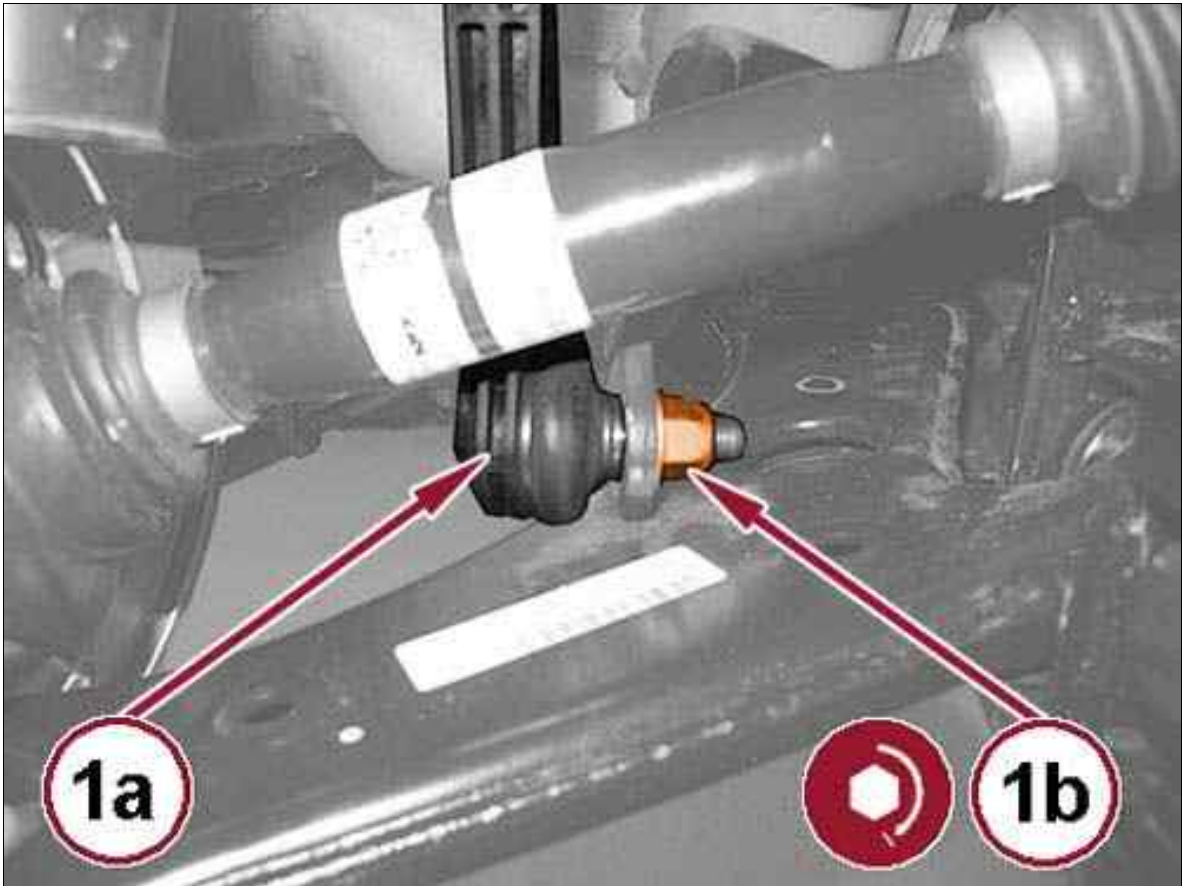
Fig 10: Outer Tie Rod End-To-Steering Knuckle Nut



Courtesy of CHRYSLER GROUP, LLC

17. Connect the outer tie rod ends to the steering knuckles and install new nuts (1).
18. Tighten the nuts to the proper specification. Refer to FRONT, SPECIFICATIONS .

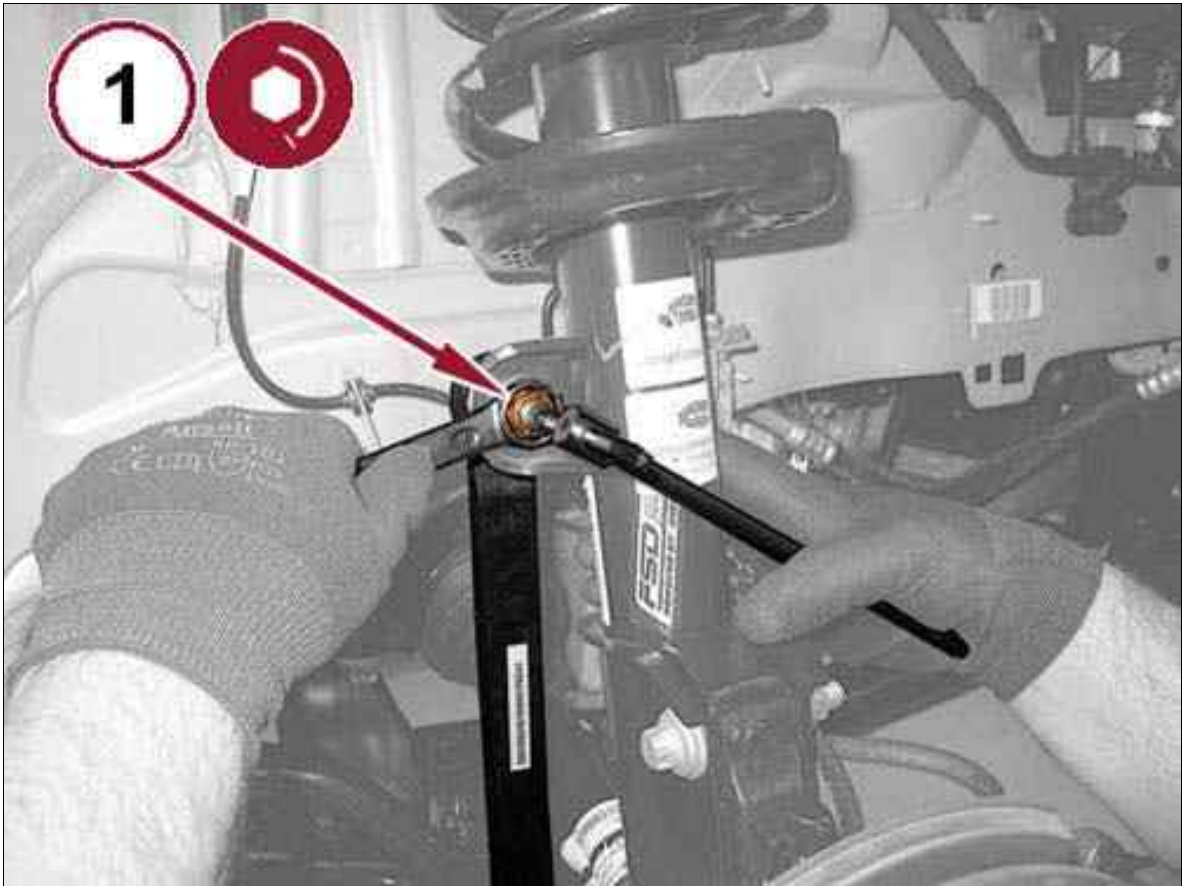
Fig 11: Stabilizer Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

19. Install the stabilizer links (1a) and install the nuts (1b).
20. Tighten the nuts to the proper specification. Refer to FRONT, SPECIFICATIONS .

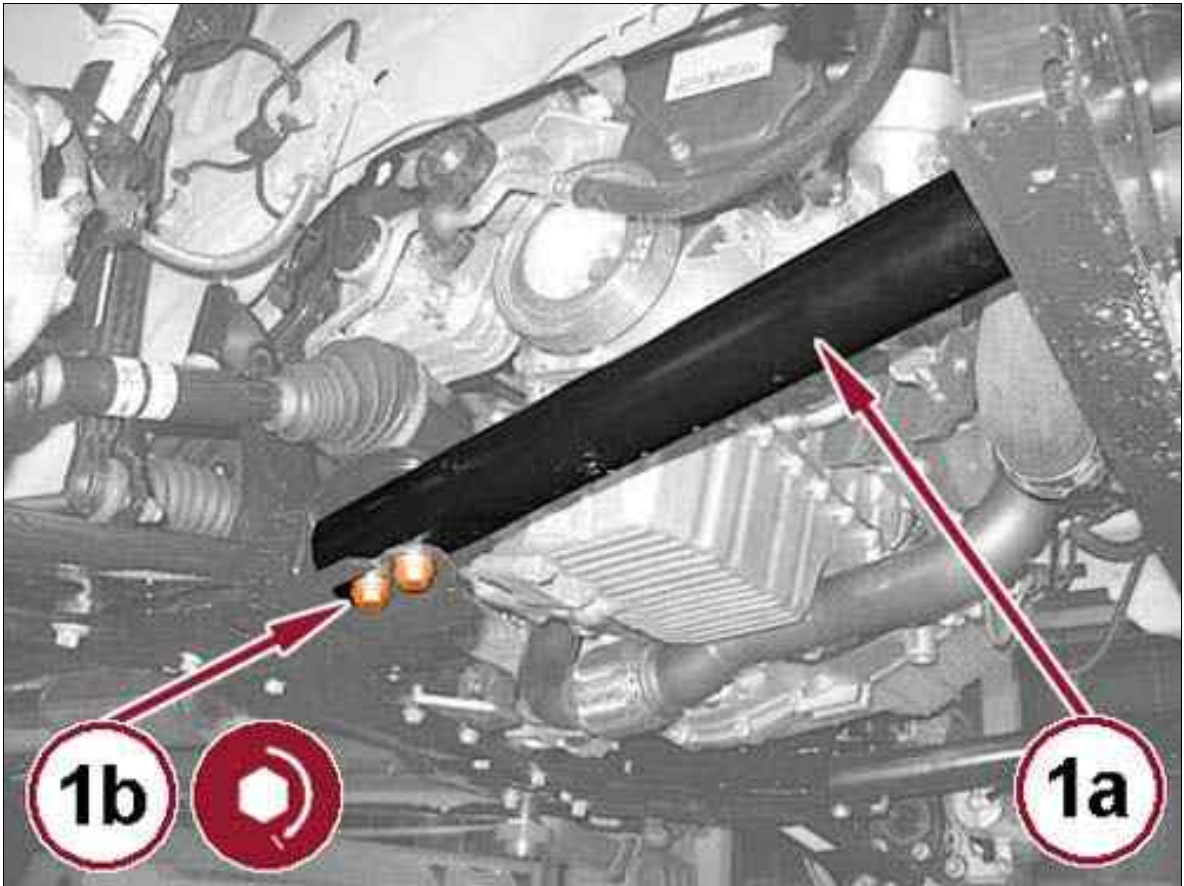
Fig 12: Stabilizer Bar Link Nut



Courtesy of CHRYSLER GROUP, LLC

21. Install the upper stabilizer nuts (1) and tighten to the proper specification. Refer to FRONT, SPECIFICATIONS .

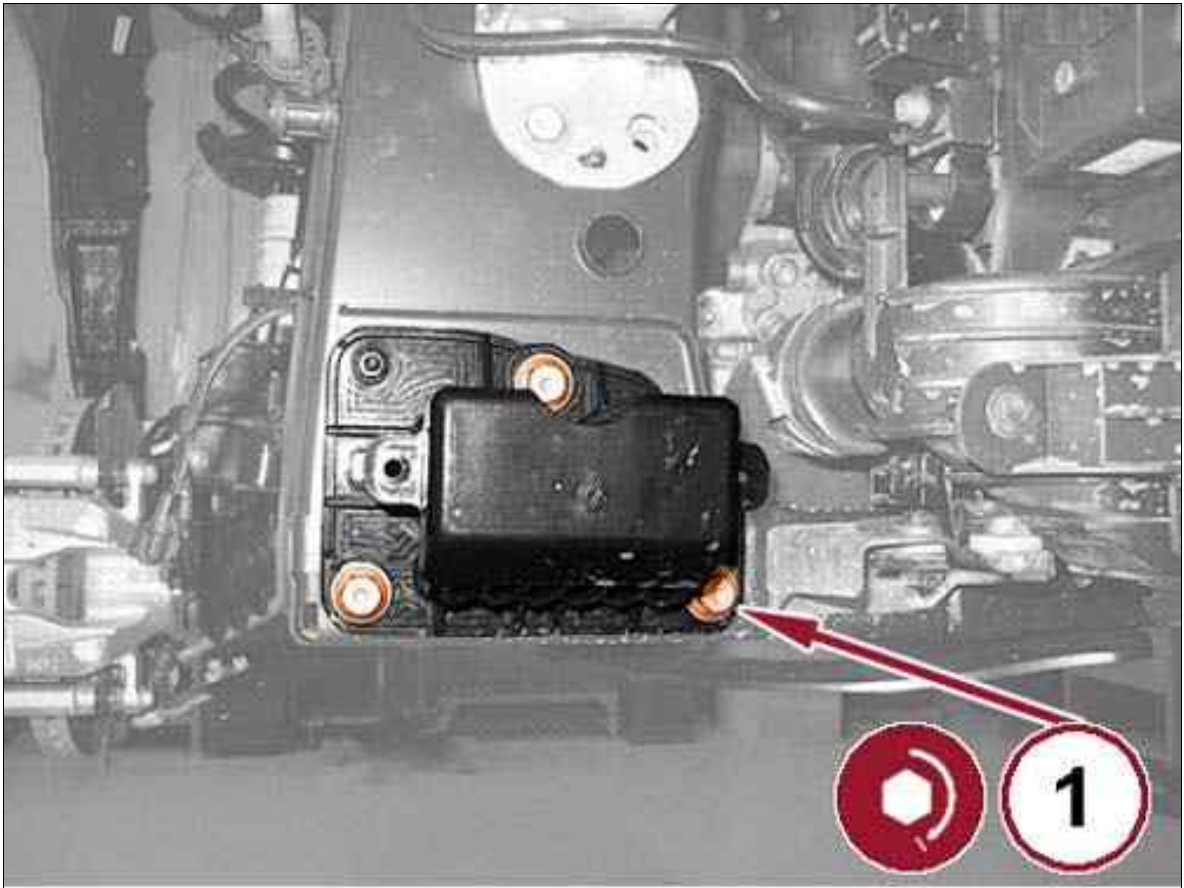
Fig 13: Lower Load Beam & Bolts



Courtesy of CHRYSLER GROUP, LLC

22. Install the lower load beams (1a) and install the bolts (1b).
23. Tighten the bolts to the proper specification. Refer to SPECIFICATIONS .

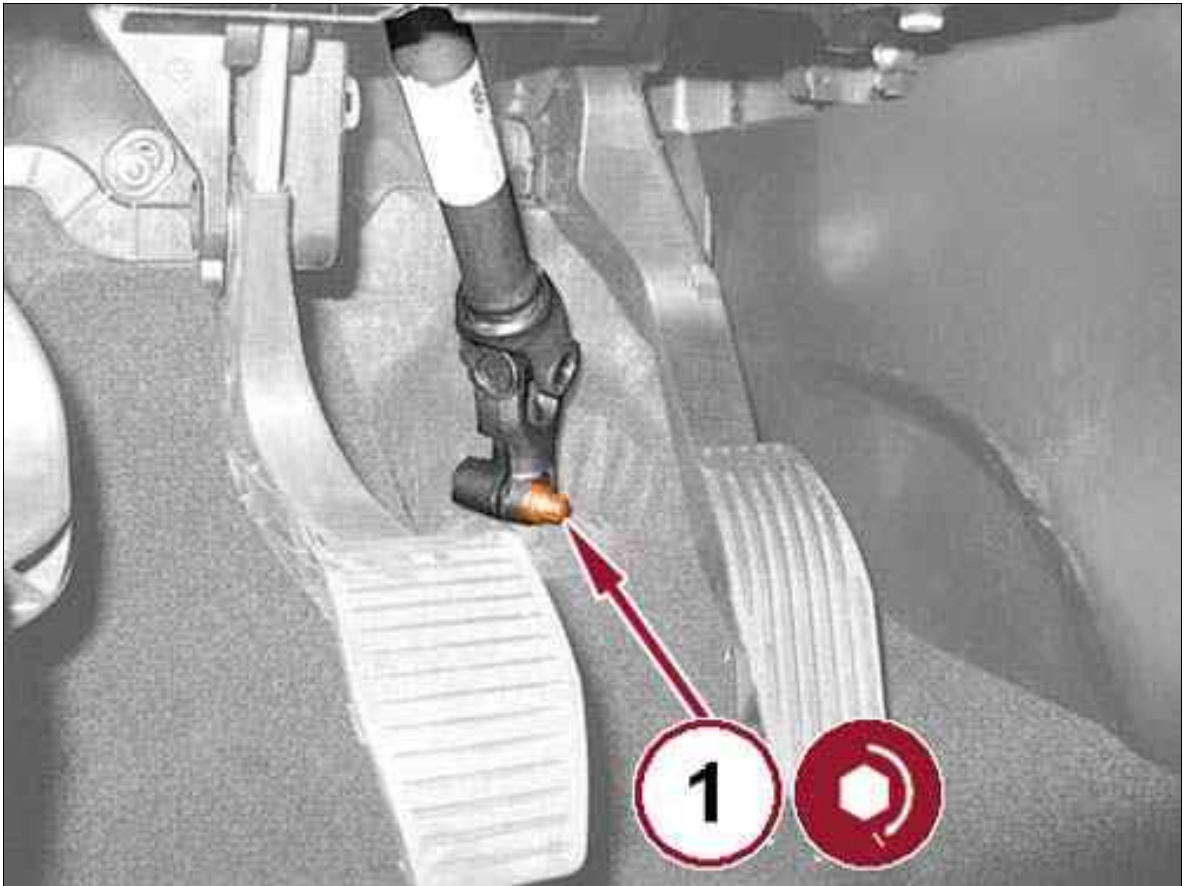
Fig 14: Bolt



Courtesy of CHRYSLER GROUP, LLC

24. Install the lower load beam extensions and install the bolts (1).
25. Tighten the bolts to the proper specification. Refer to SPECIFICATIONS .

Fig 15: Steering Column-To-Pinion Steering Box Screw

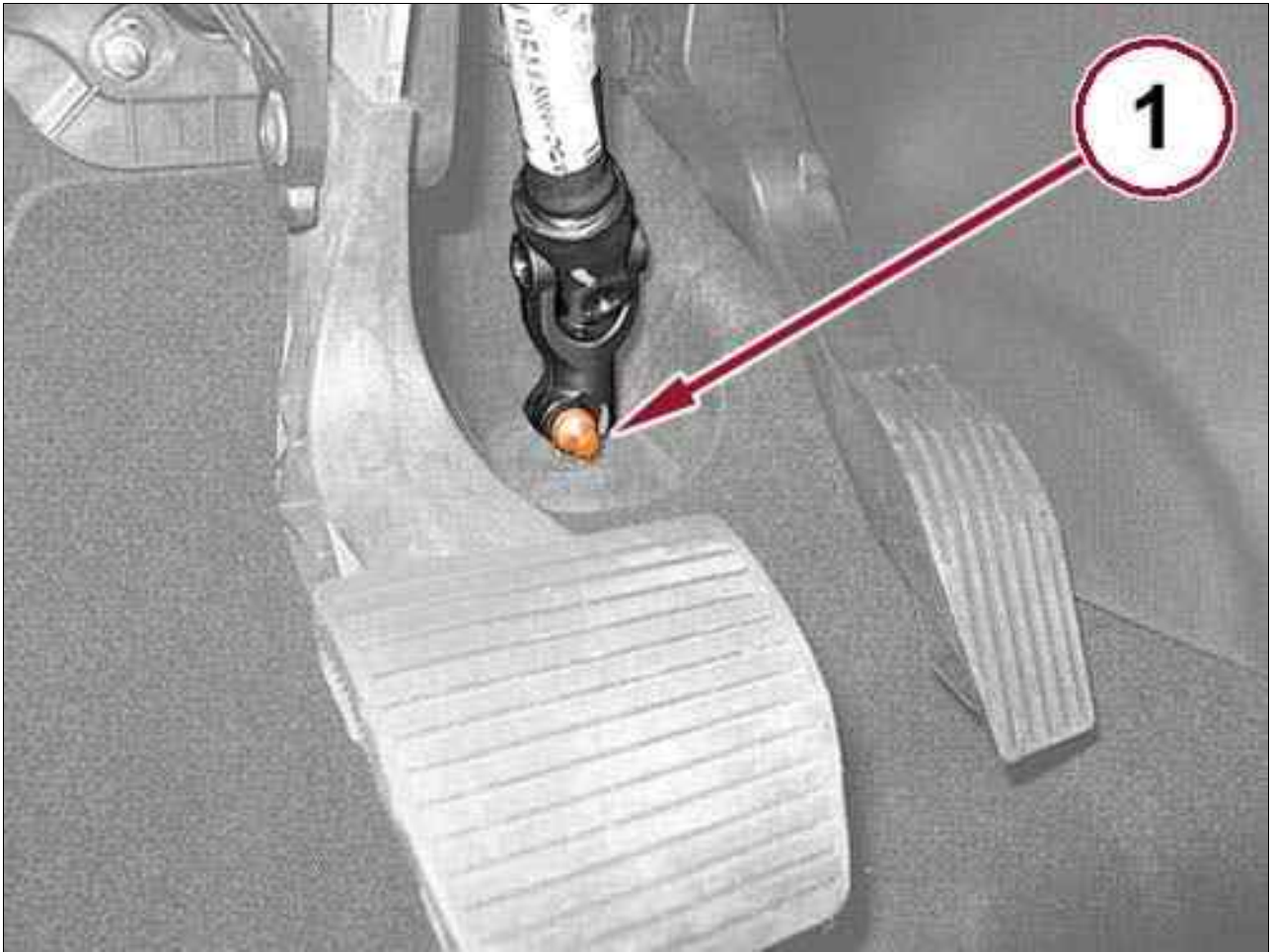


Courtesy of CHRYSLER GROUP, LLC

26. Install the steering shaft onto the steering gear and tighten the bolt (1) to the proper specification. Refer to SPECIFICATIONS .
27. Install the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
28. Install the front wheelhouse splash shields. Refer to SHIELD, SPLASH, FRONT WHEELHOUSE, REMOVAL AND INSTALLATION .
29. Install the belly pan. Refer to BELLY PAN, REMOVAL AND INSTALLATION .
30. Install the front wheels. Refer to REMOVAL AND INSTALLATION .
31. Check and adjust alignment. Refer to WHEEL ALIGNMENT, STANDARD PROCEDURE .

**FRAME > CROSSMEMBER, FRONT SUSPENSION > REMOVAL AND INSTALLATION >
2.0L TURBO DIESEL 170HP > REMOVAL**

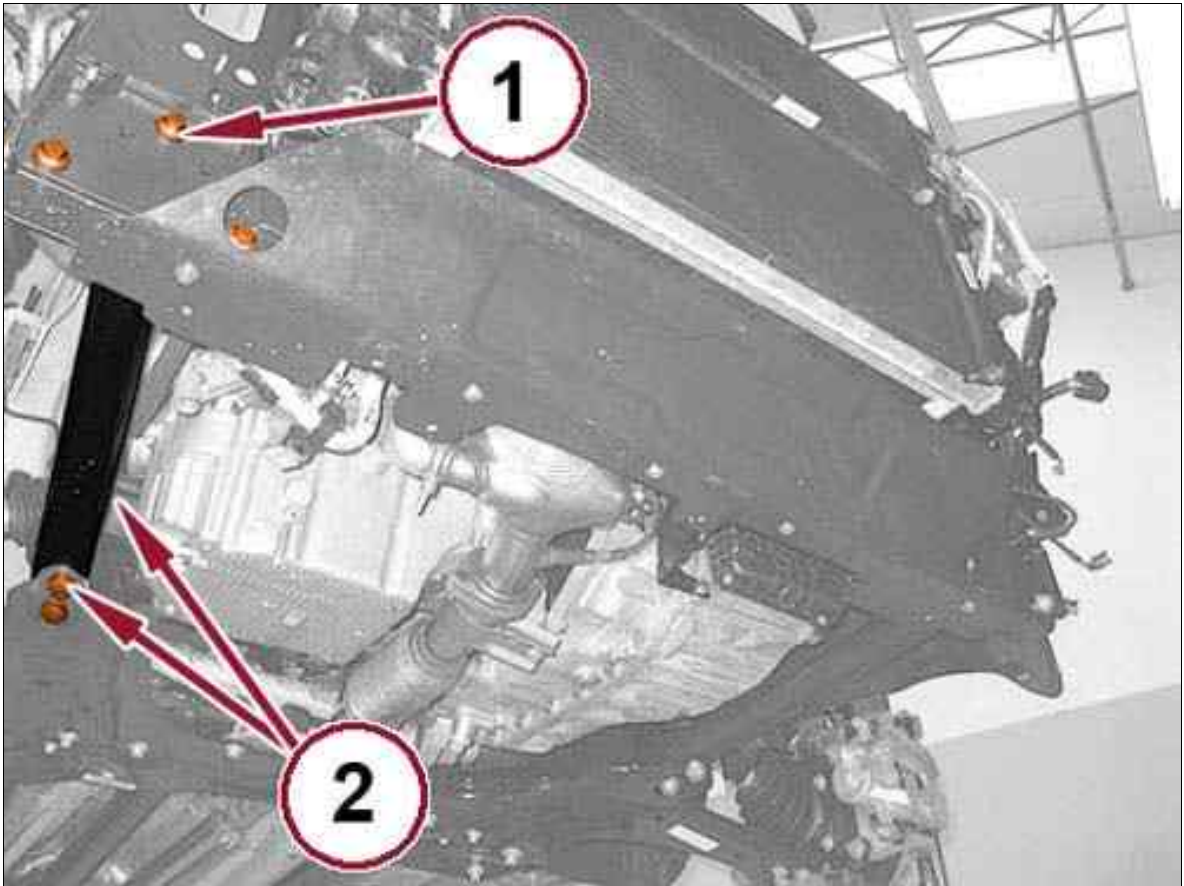
Fig 1: Steering Column-To-Pinion Steering Box Screw



Courtesy of CHRYSLER GROUP, LLC

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. Remove the front wheels. Refer to REMOVAL AND INSTALLATION .
3. Remove the belly pan. Refer to BELLY PAN, REMOVAL AND INSTALLATION .
4. Remove the front wheelhouse splash shields. Refer to SHIELD, SPLASH, FRONT WHEELHOUSE, REMOVAL AND INSTALLATION .
5. Remove the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
6. Remove the screw (1) securing the steering column to the pinion steering box.

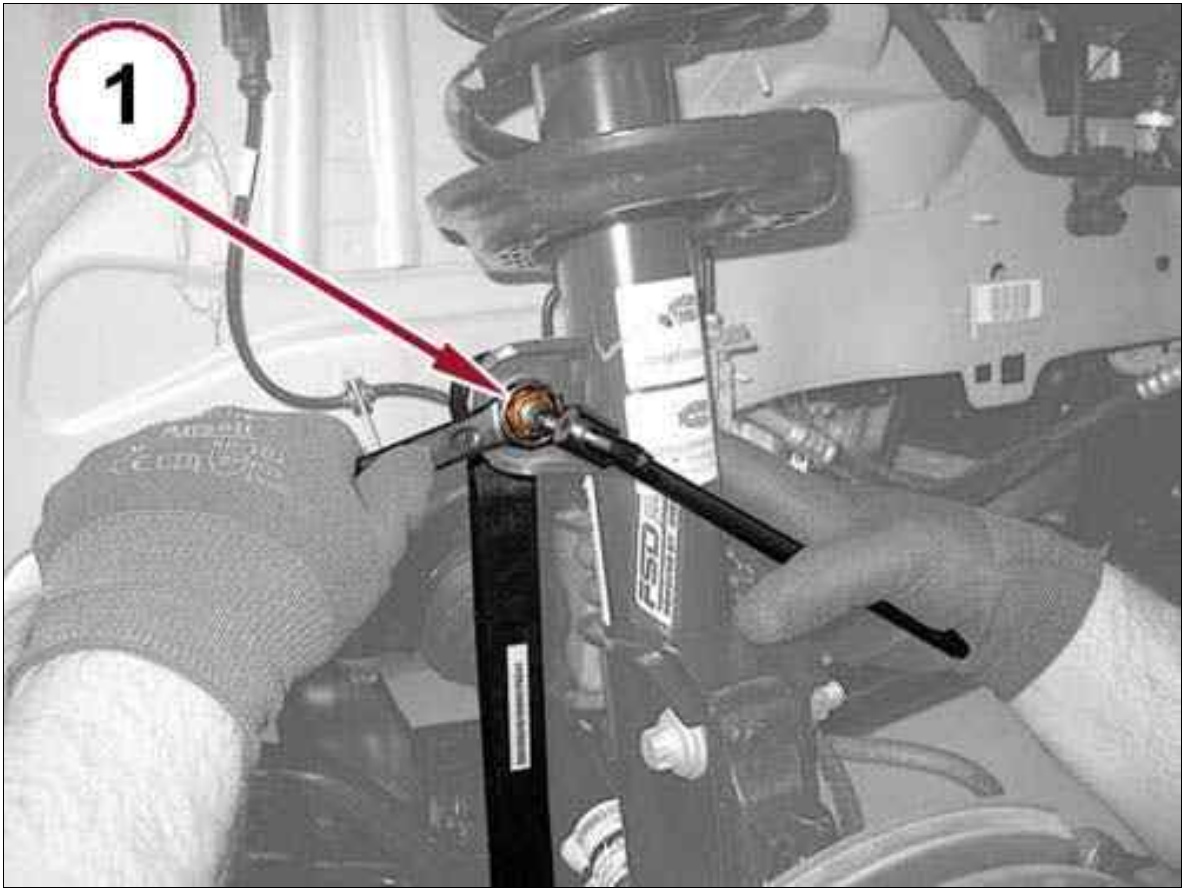
Fig 2: Load Beam & Bolts



Courtesy of CHRYSLER GROUP, LLC

7. Remove the bolts (1) and the load beam extensions.
8. Remove the bolts (2) and remove the lower load beams.

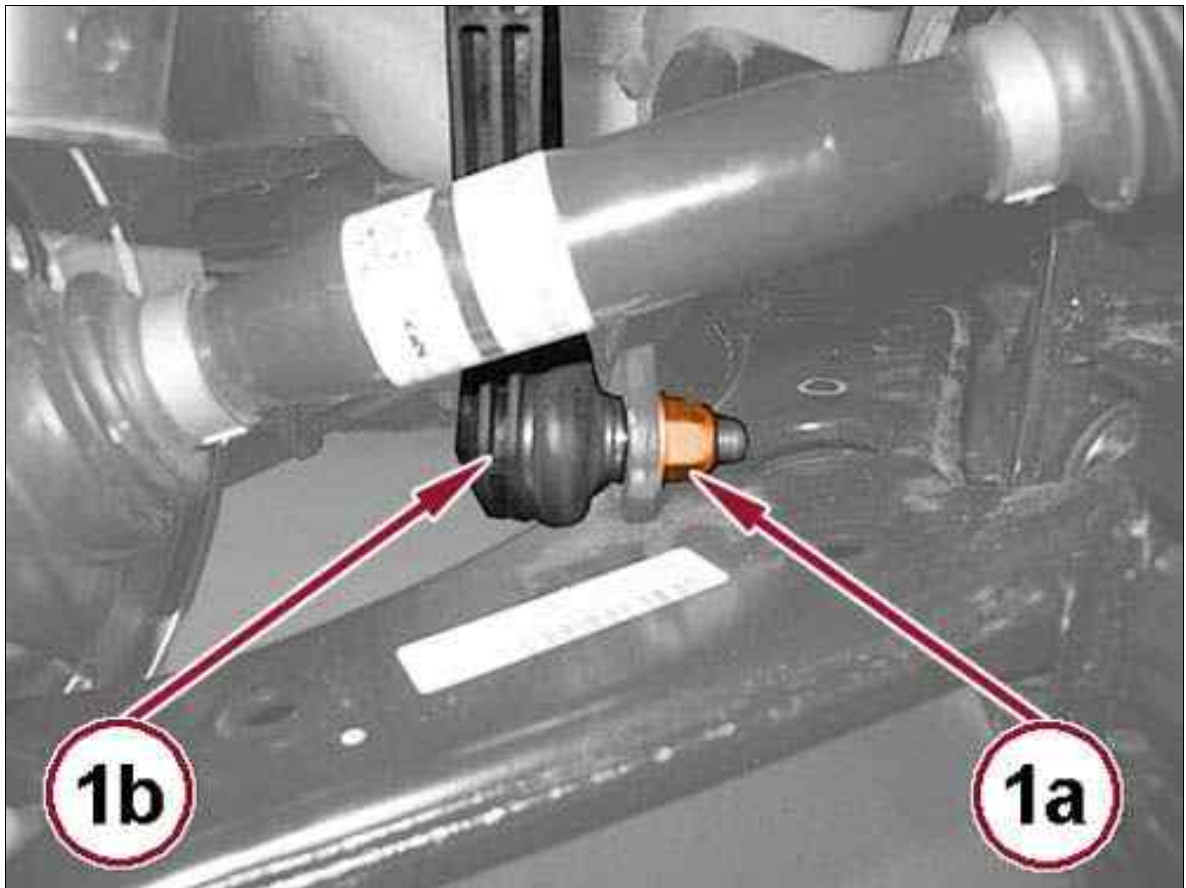
Fig 3: Stabilizer Bar Link Nut



Courtesy of CHRYSLER GROUP, LLC

9. Remove the stabilizer bar link nuts (1) at the front struts. Separate the stabilizer bar links from the front struts.

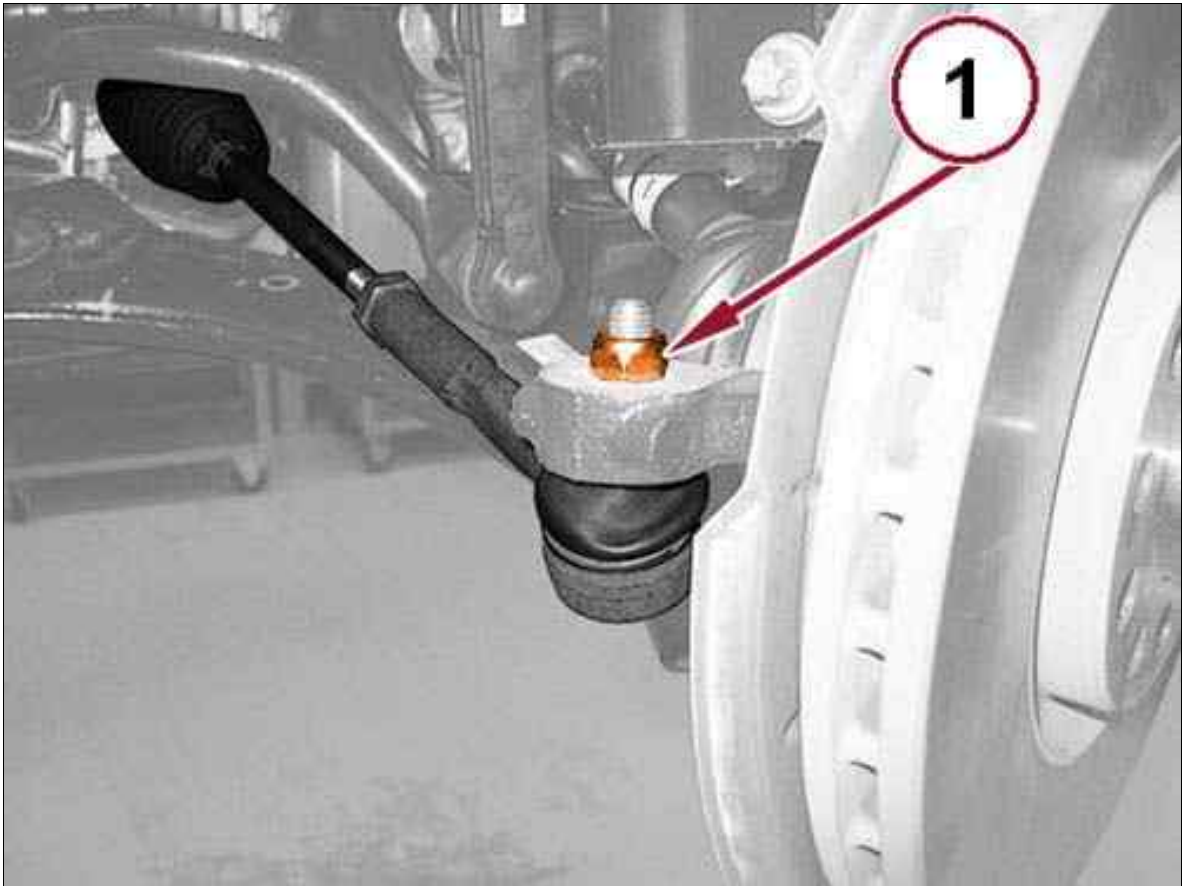
Fig 4: Stabilizer Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

10. Remove the stabilizer bar link nuts (1a) at the stabilizer bar. Separate the stabilizer bar links (1b) from the stabilizer bar.

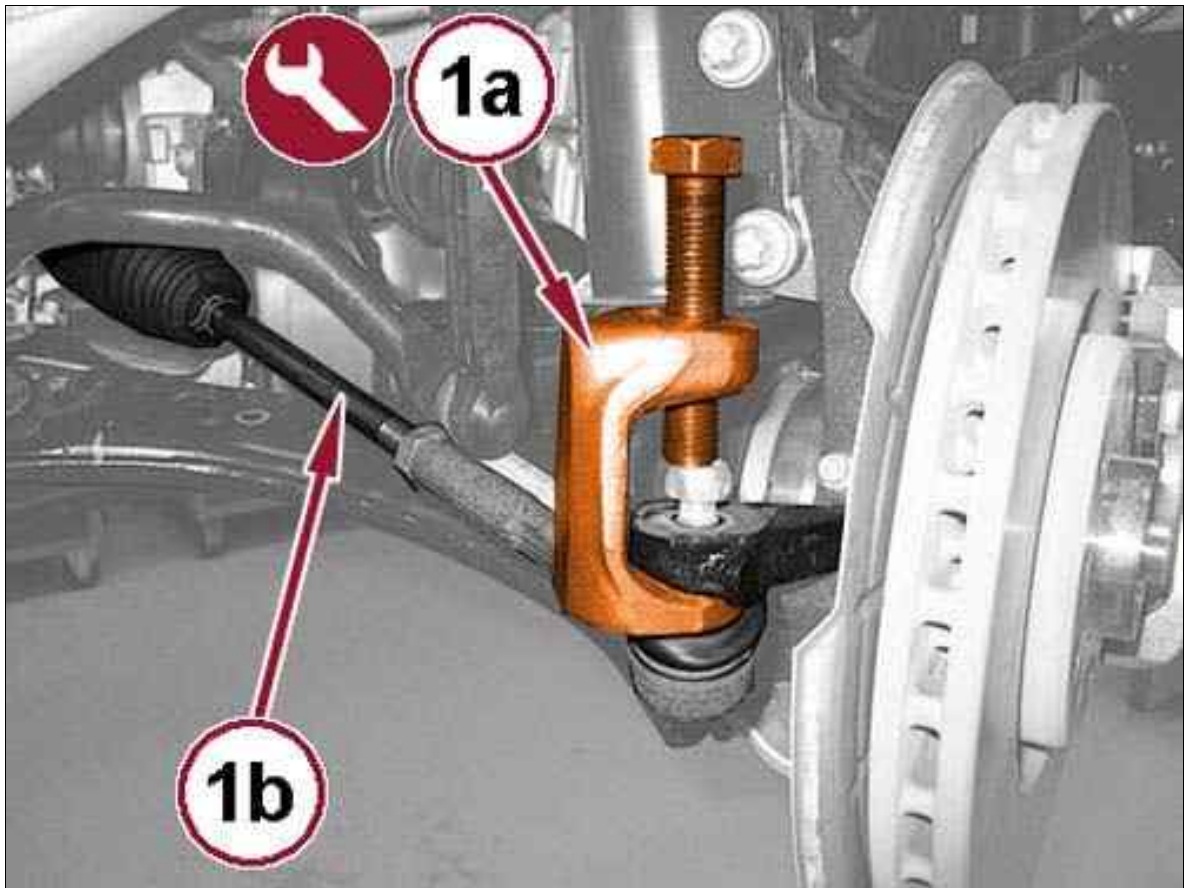
Fig 5: Tie Rod-To-Knuckles Nut



Courtesy of CHRYSLER GROUP, LLC

11. Remove the nuts (1) securing the tie rods to the knuckles.

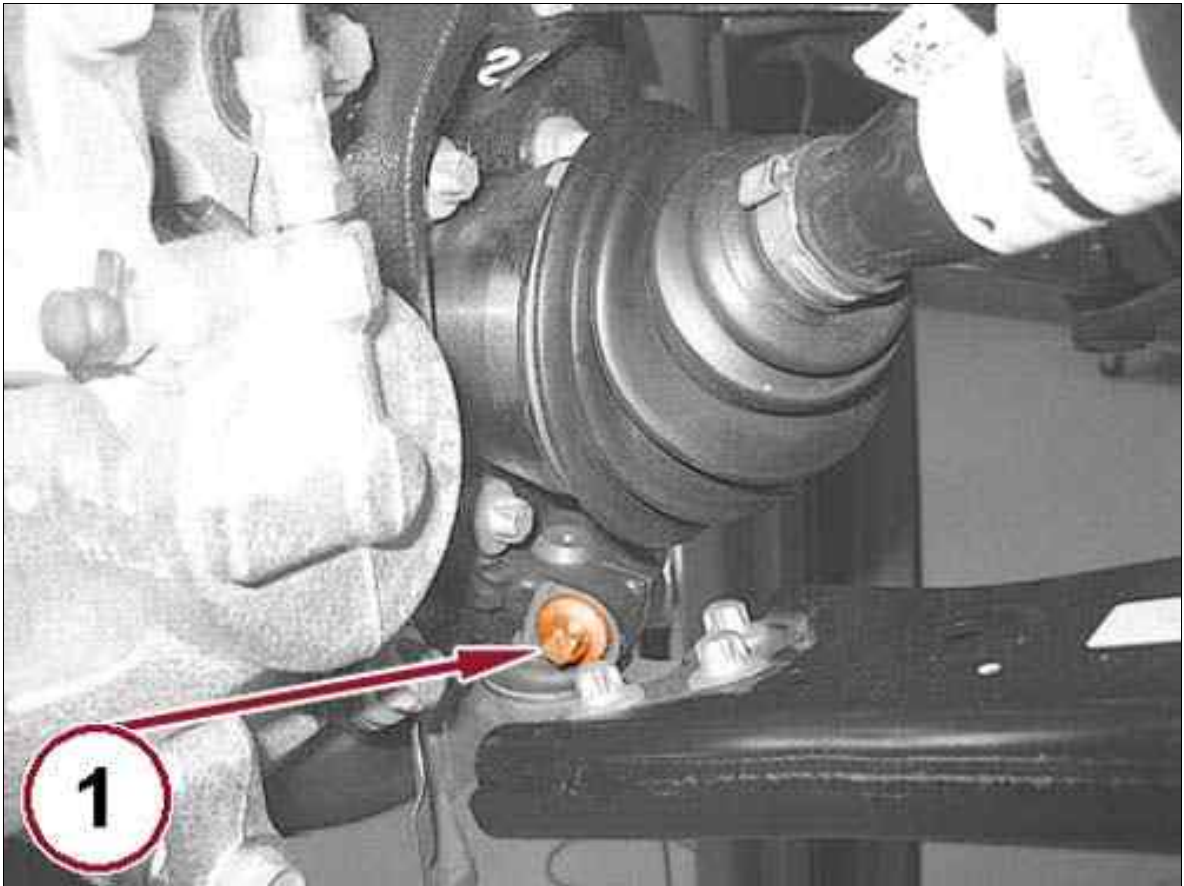
Fig 6: Special Tool & Tie Rod



Courtesy of CHRYSLER GROUP, LLC

12. Fit the special tool #1871000700 (1a) and release the tie rods (1b) from the knuckles.

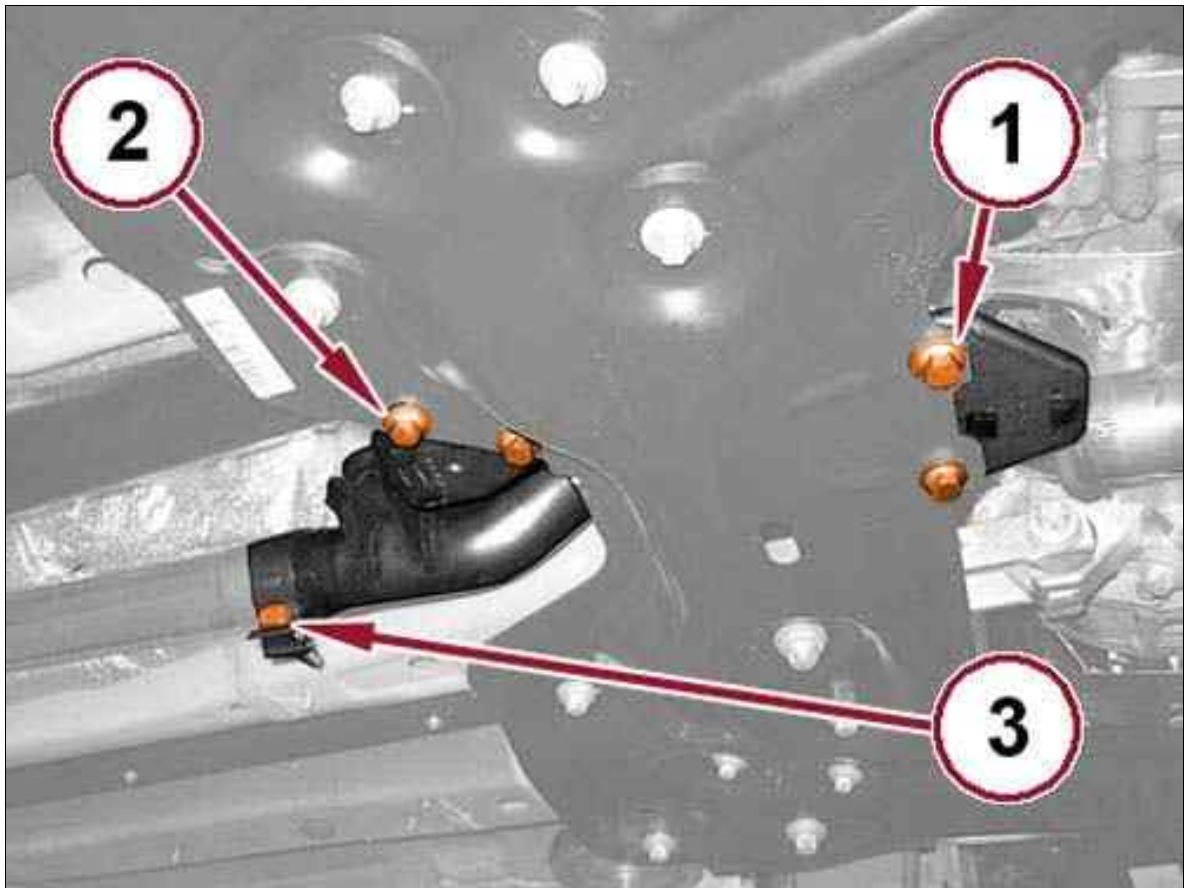
Fig 7: Wheel Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

13. Remove the bolts (1) at the wheel swing arms and separate the lower swing arms from the knuckles.

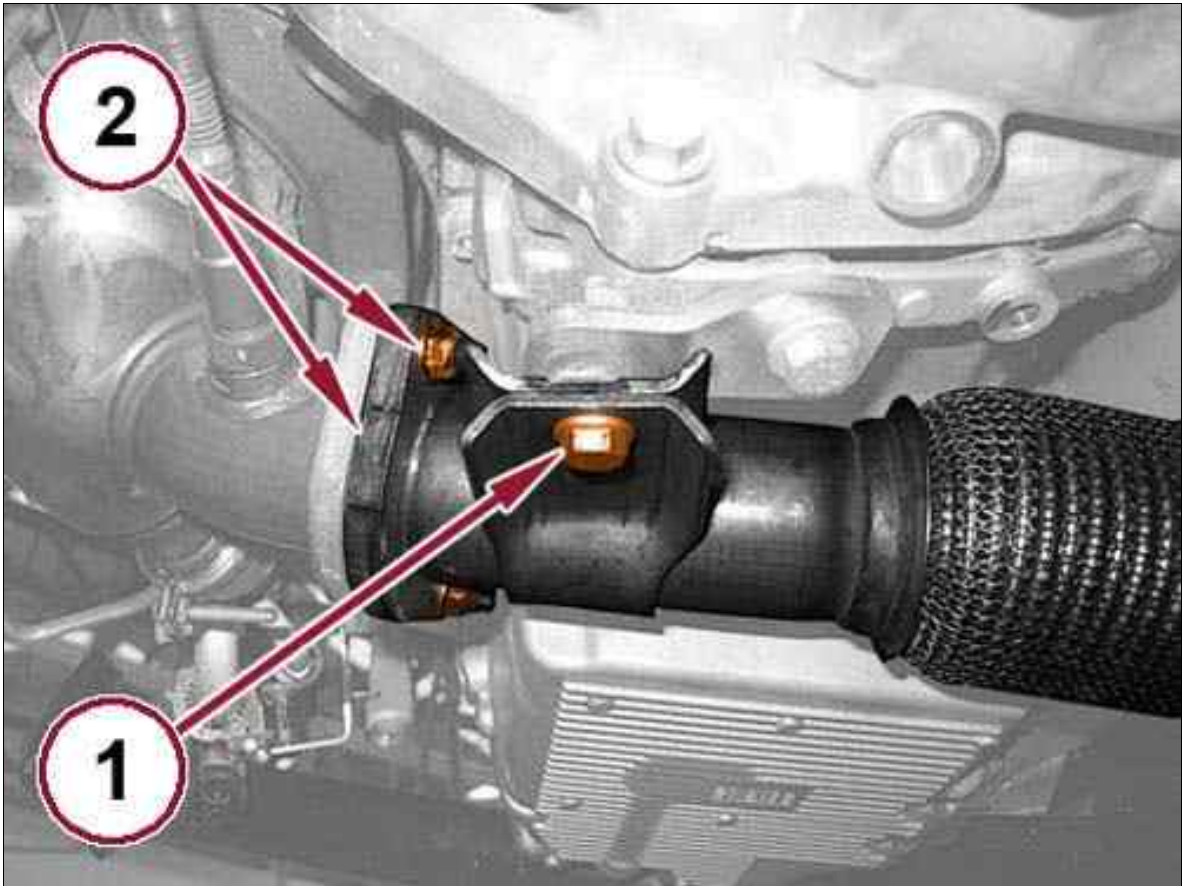
Fig 8: Brackets & Collar Bolts



Courtesy of CHRYSLER GROUP, LLC

14. Remove the front bracket bolts (1).
15. Remove the rear bracket bolts (2).
16. Loosen the collar bolt (3).

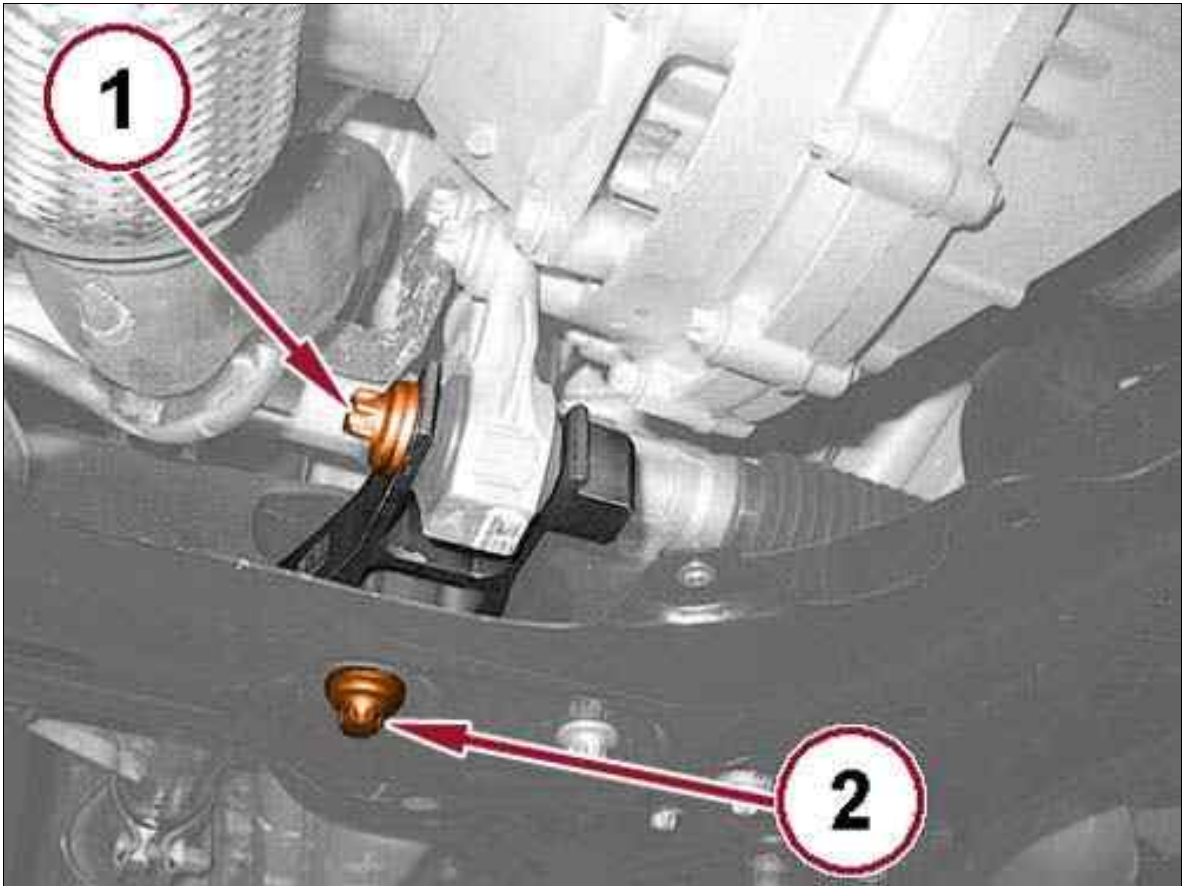
Fig 9: Discharge Pipe & Collar Bolts



Courtesy of CHRYSLER GROUP, LLC

17. Remove the discharge pipe support collar bolt (1).
18. Remove the nuts and separate the discharge pipe (2) from the catalytic converter and secure it to the side.

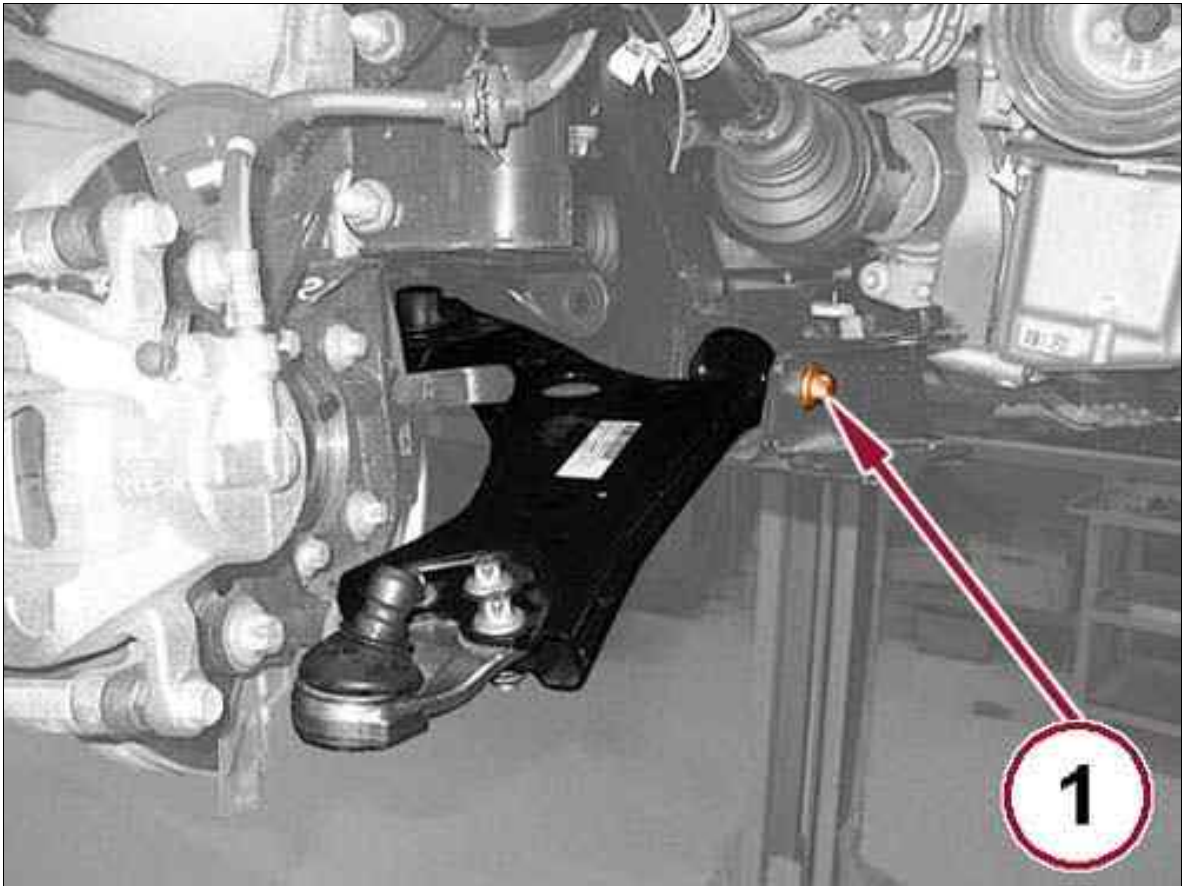
Fig 10: Lower Reaction Rod Bolts



Courtesy of CHRYSLER GROUP, LLC

19. Remove the bolt (1) securing the lower reaction rod to the engine.
20. Loosen the bolt (2) securing the lower reaction rod to the suspension crossmember.

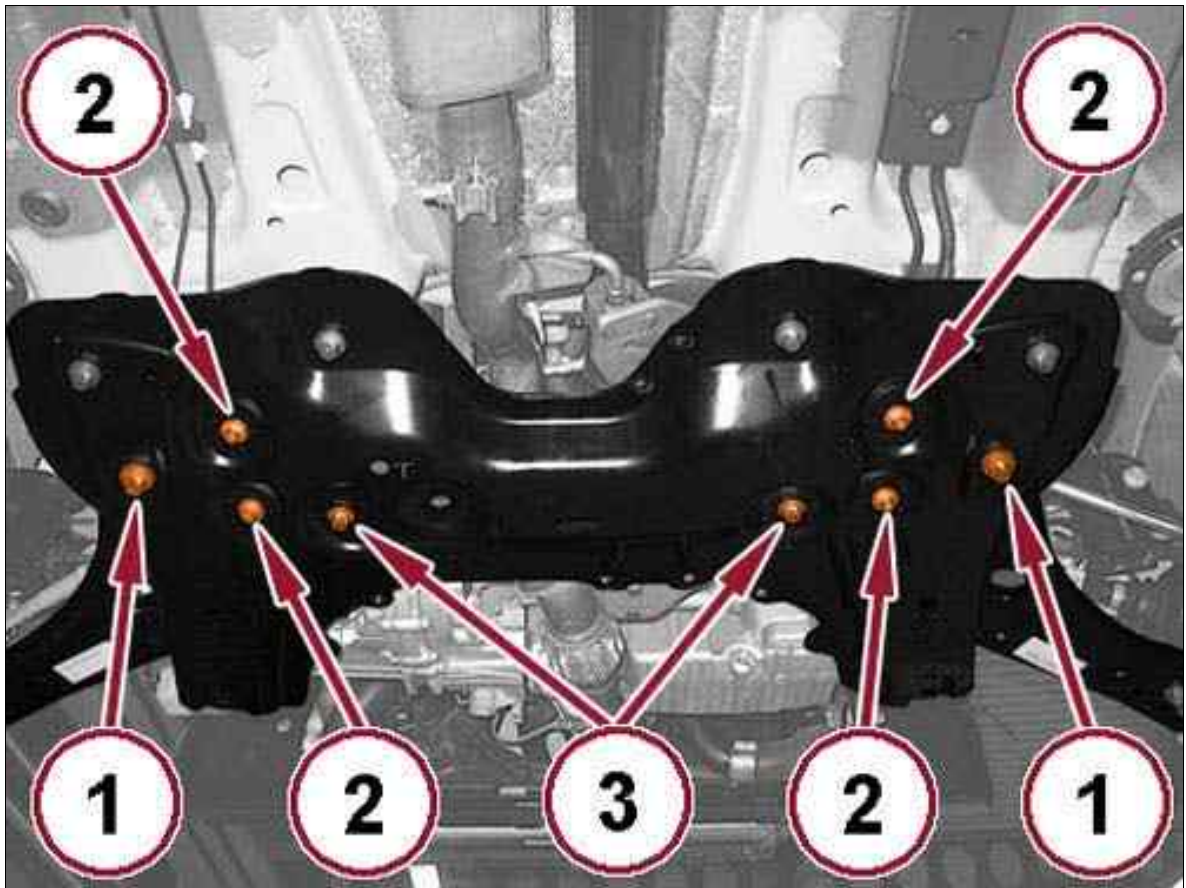
Fig 11: Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

21. Loosen the bolt securing the swing arm, left and right, to suspension crossmember.

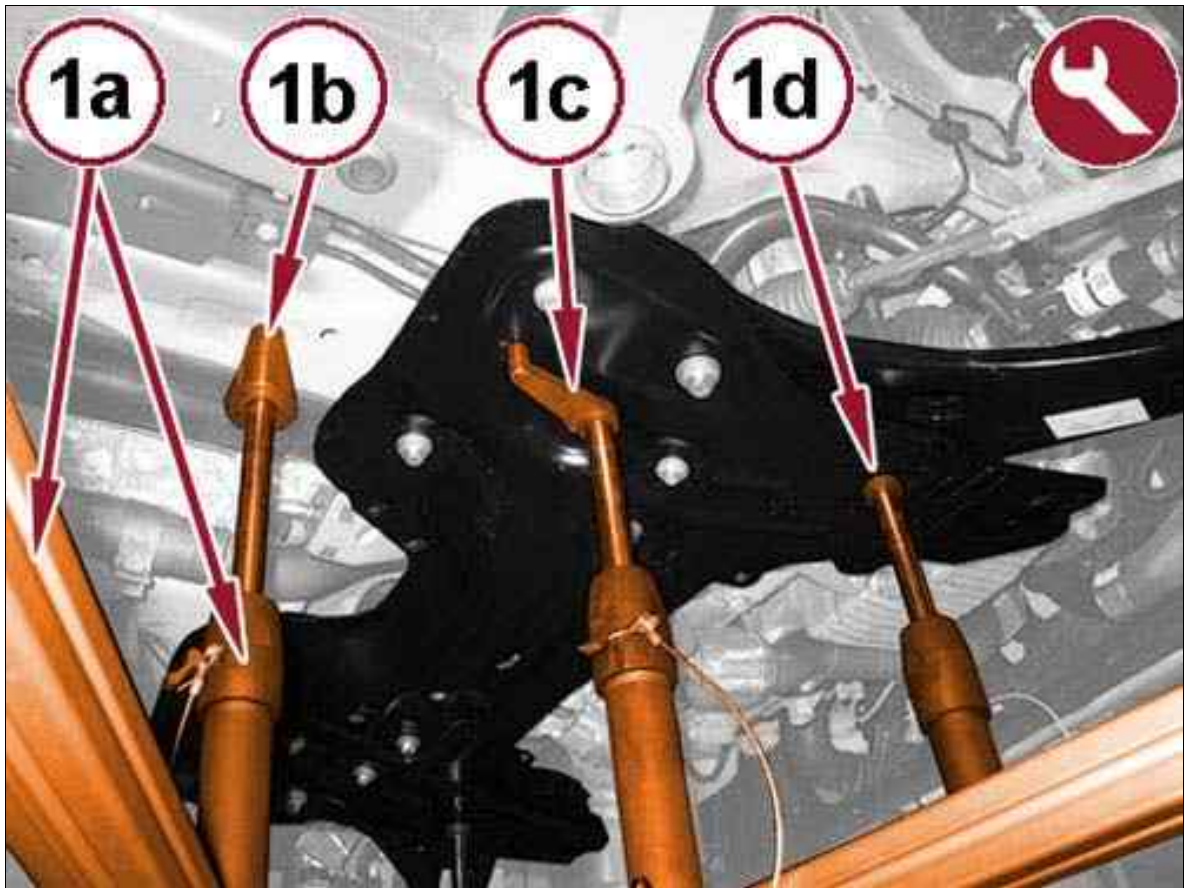
Fig 12: Bolts



Courtesy of CHRYSLER GROUP, LLC

- 22. Loosen the swing arm bolts (1).
- 23. Loosen the stabilizer bar bolts (2).
- 24. Loosen the steering gear bolts (3).

Fig 13: Supporting Front Suspension Crossmember



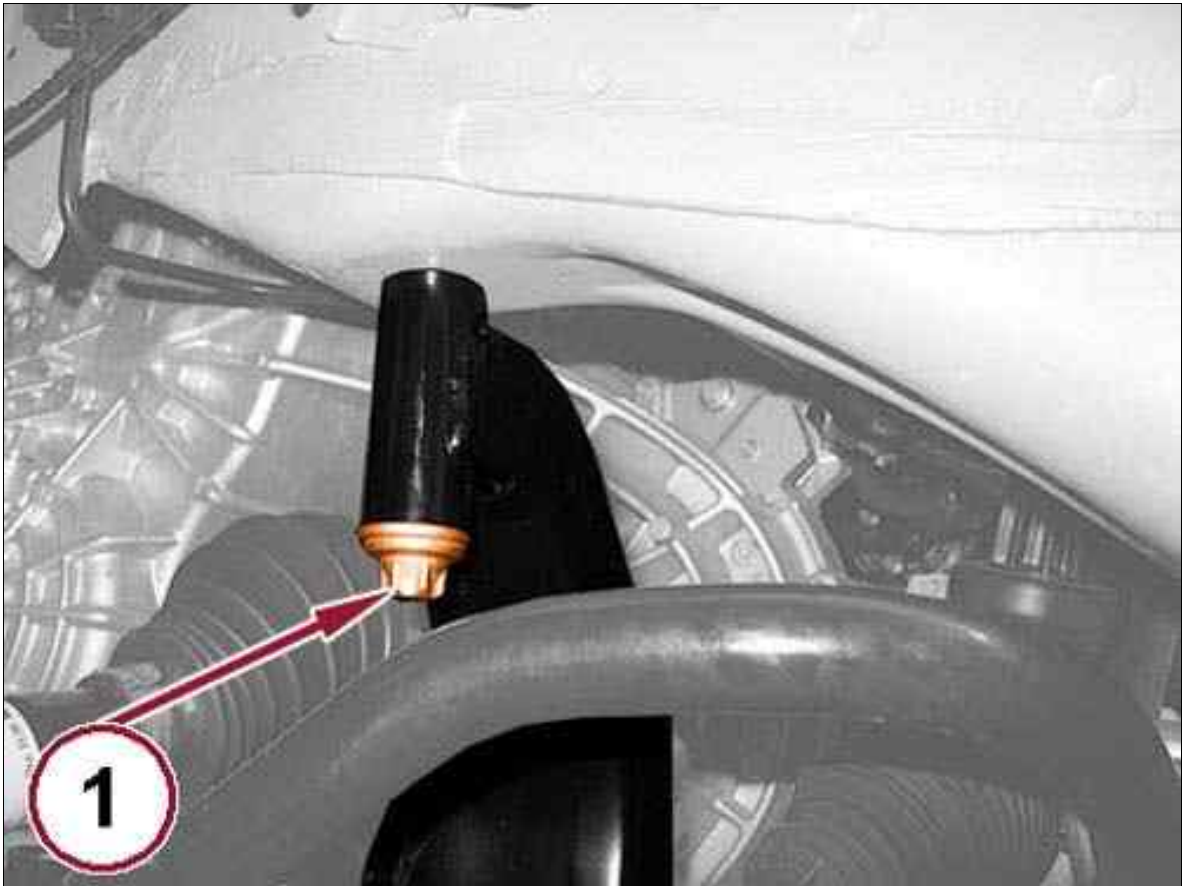
Courtesy of CHRYSLER GROUP, LLC

 NOTE:

The following step requires the use of universal tool #2000043000, body centering conical/round pin #2000043300, crossmember centering pin/bracket #2000043500 and crossmember centering pin #2000043600.

25. Using a suitable hydraulic lift, support the front suspension crossmember with the gear (1a), (1b), (1c) and (1d) as shown in the illustration.

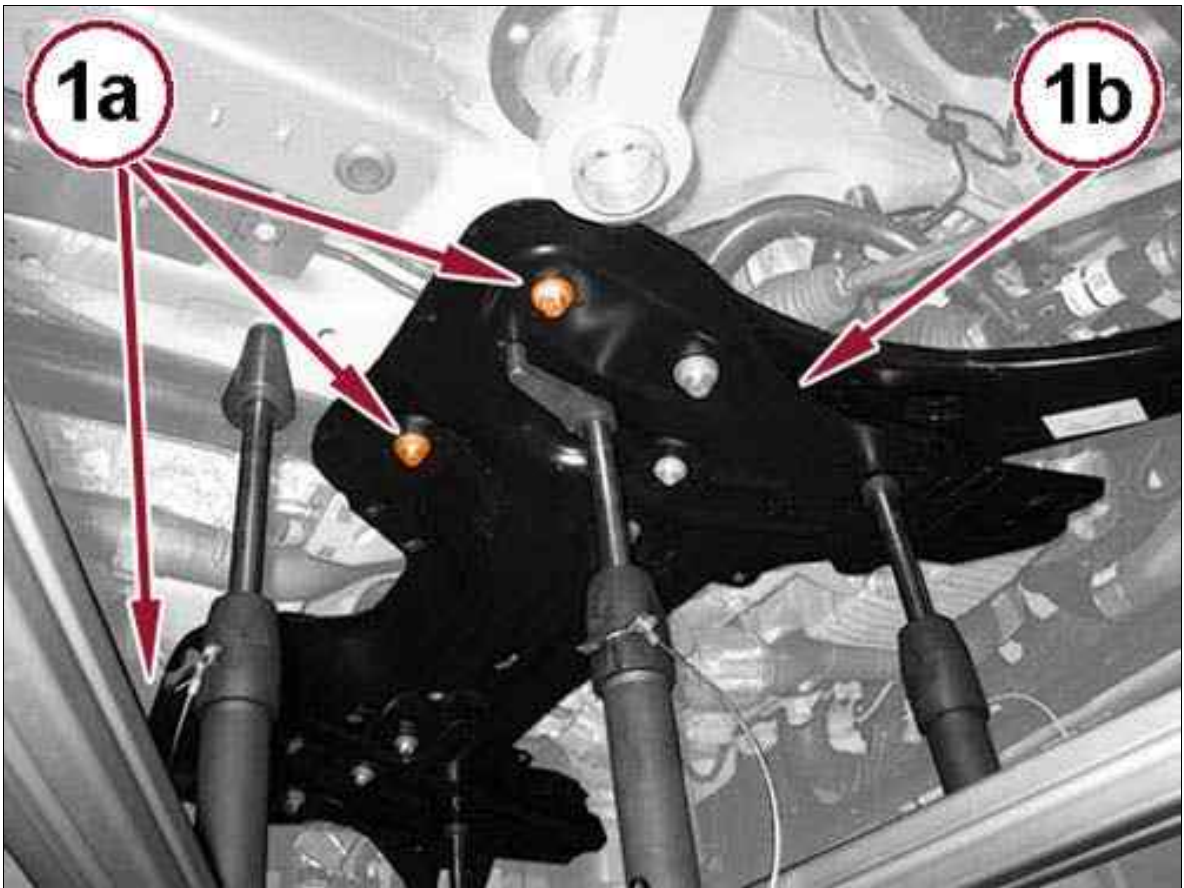
Fig 14: Front Suspension Crossmember Bolt



Courtesy of CHRYSLER GROUP, LLC

26. Remove the bolts (1) attaching the front suspension crossmember to the left and right side panels.

Fig 15: Front Suspension Crossmember & Bolts

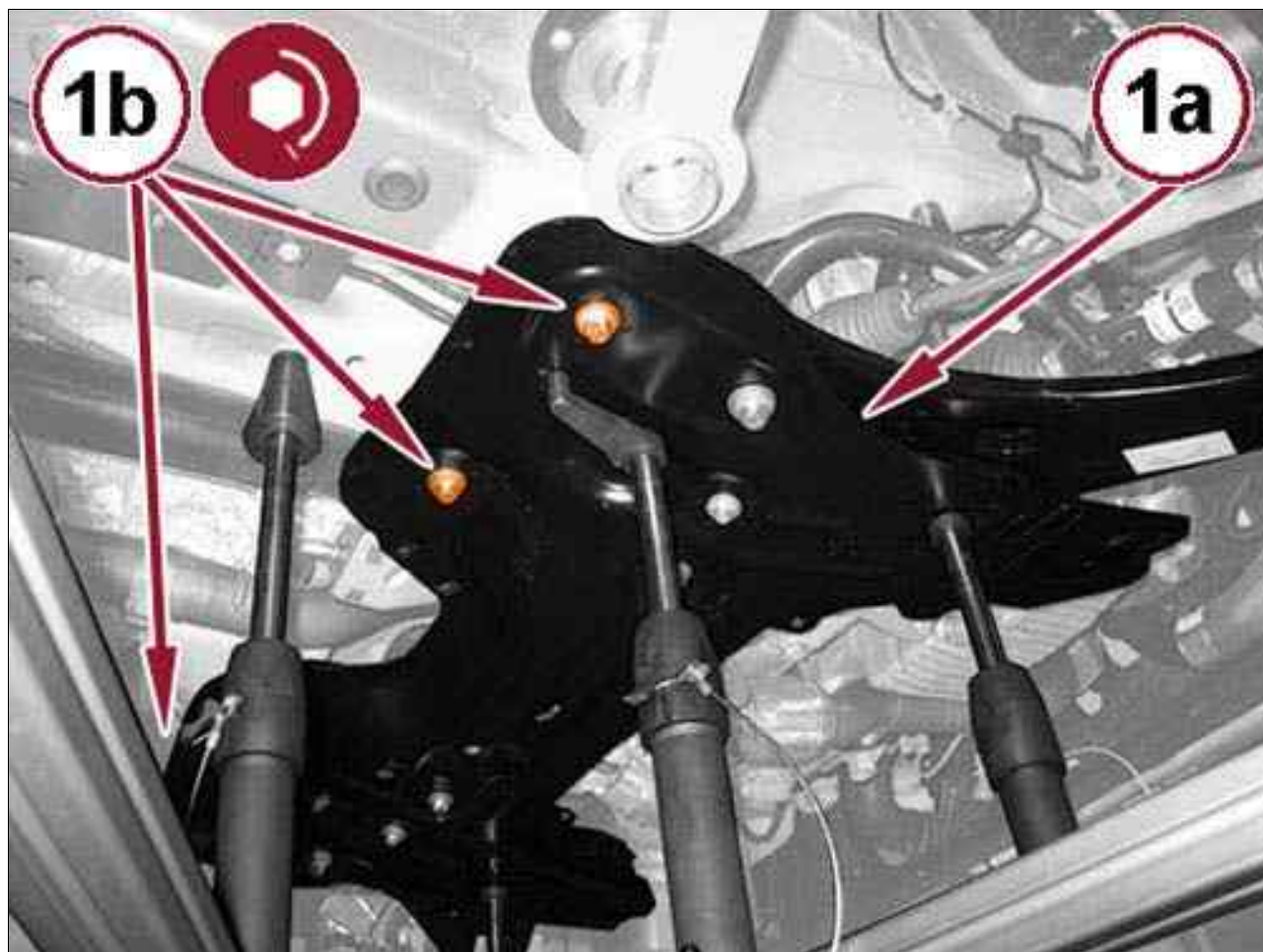


Courtesy of CHRYSLER GROUP, LLC

27. Remove the bolts (1a) and remove the front suspension crossmember (1b).
28. Remove the front exhaust pipe.
29. Remove the bolt and remove the lower reaction rod to the suspension crossmember.
30. Remove the screws and bolts previously loosened and remove control arms, left and right.
31. Remove the screws previously loosened and remove the stabilizer bar.
32. Unscrew the bolts previously loose and remove the steering box.

**FRAME > CROSSMEMBER, FRONT SUSPENSION > REMOVAL AND INSTALLATION >
2.0L TURBO DIESEL 170HP > INSTALLATION**

Fig 1: Front Suspension Crossmember & Bolts



Courtesy of CHRYSLER GROUP, LLC

1. With the tools used during removal, install the crossmember (1a) and tighten the screws (1b) to the proper specification. Refer to SPECIFICATIONS .

Fig 2: Front Suspension Crossmember Bolt



Courtesy of CHRYSLER GROUP, LLC

2. Tighten the bolts attaching the crossmember to the left and right side panels to the proper specification. Refer to SPECIFICATIONS .

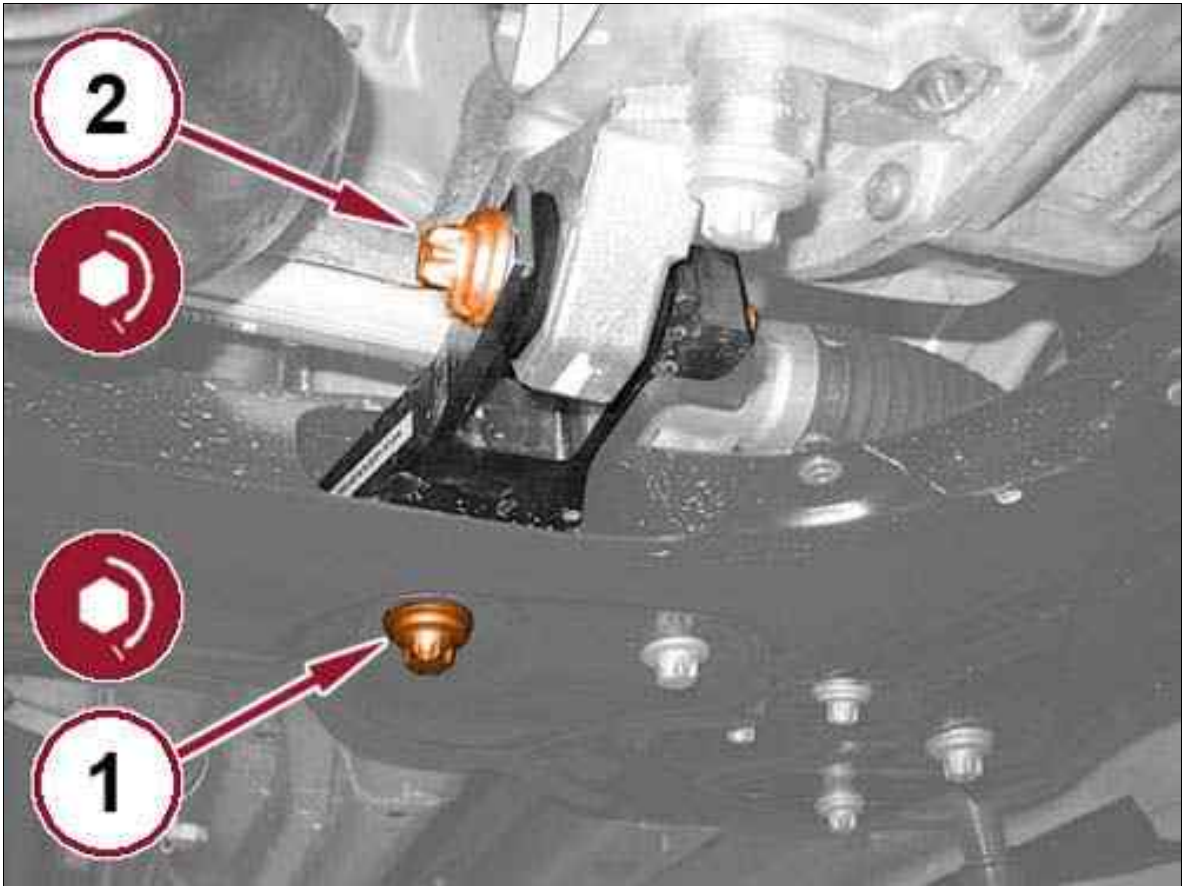
Fig 3: Supporting Lower Control Arm



Courtesy of CHRYSLER GROUP, LLC

3. Remove the crossmember lifting devise.
4. Place a suitable hydraulic jack under the lower control arm as shown in FIG.

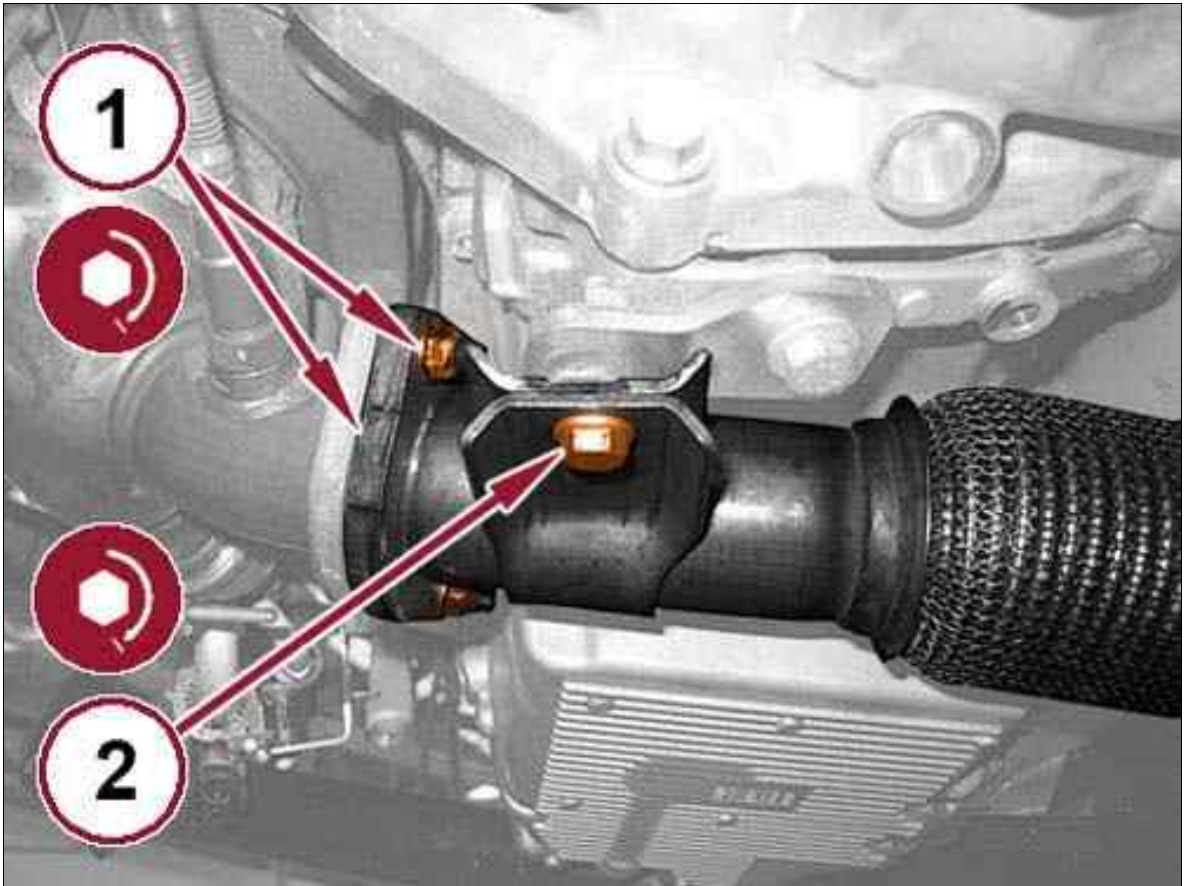
Fig 4: Reaction Rod Bolts



Courtesy of CHRYSLER GROUP, LLC

5. Tighten the reaction rod bolt to the crossmember to the proper specification. Refer to SPECIFICATIONS .
6. Tighten the reaction rod bolt to the transmission bracket to the proper specification. Refer to SPECIFICATIONS .

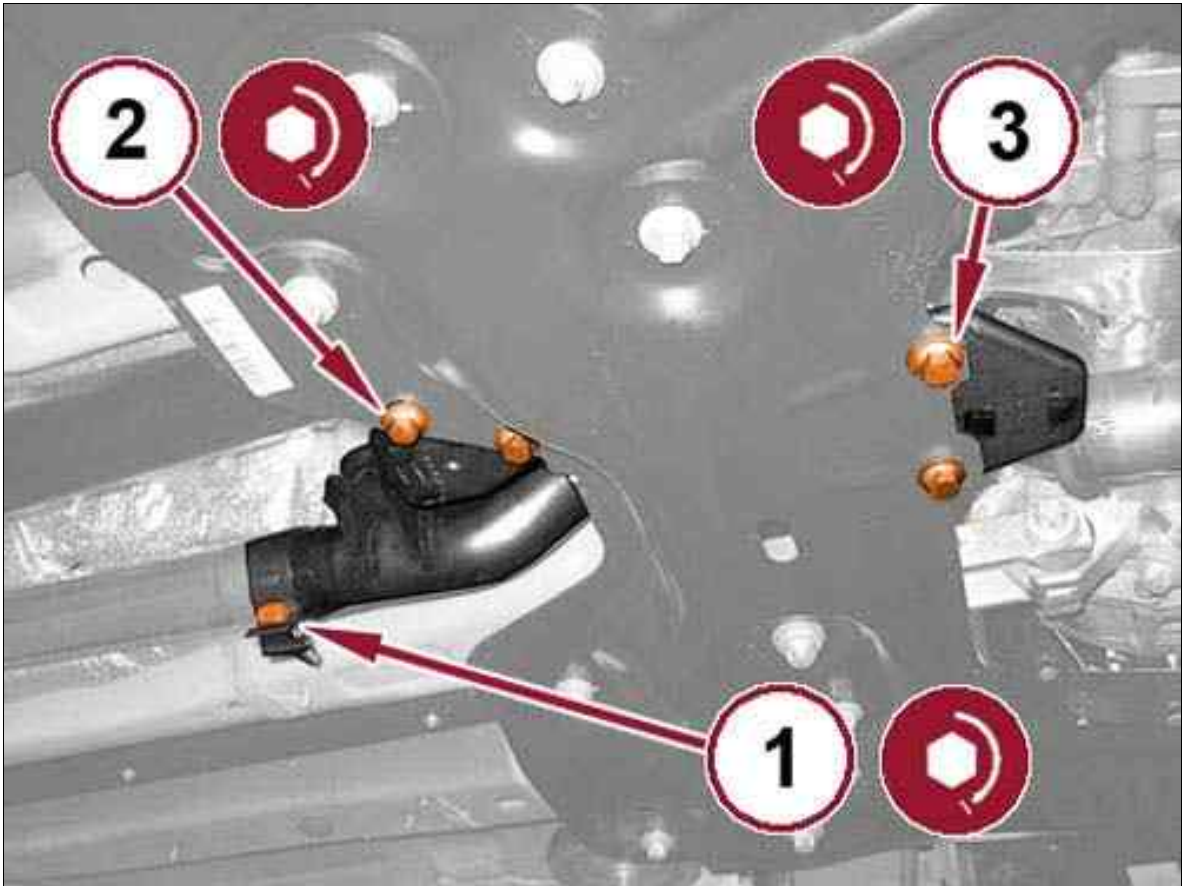
Fig 5: Exhaust Pipe & Bolt



Courtesy of CHRYSLER GROUP, LLC

7. Connect the exhaust pipe (1) complete with new gasket to the catalytic converter and tighten the new nuts to the proper specification. Refer to SPECIFICATIONS .
8. Install the bolt (2) and tighten to the proper specification. Refer to SPECIFICATIONS .

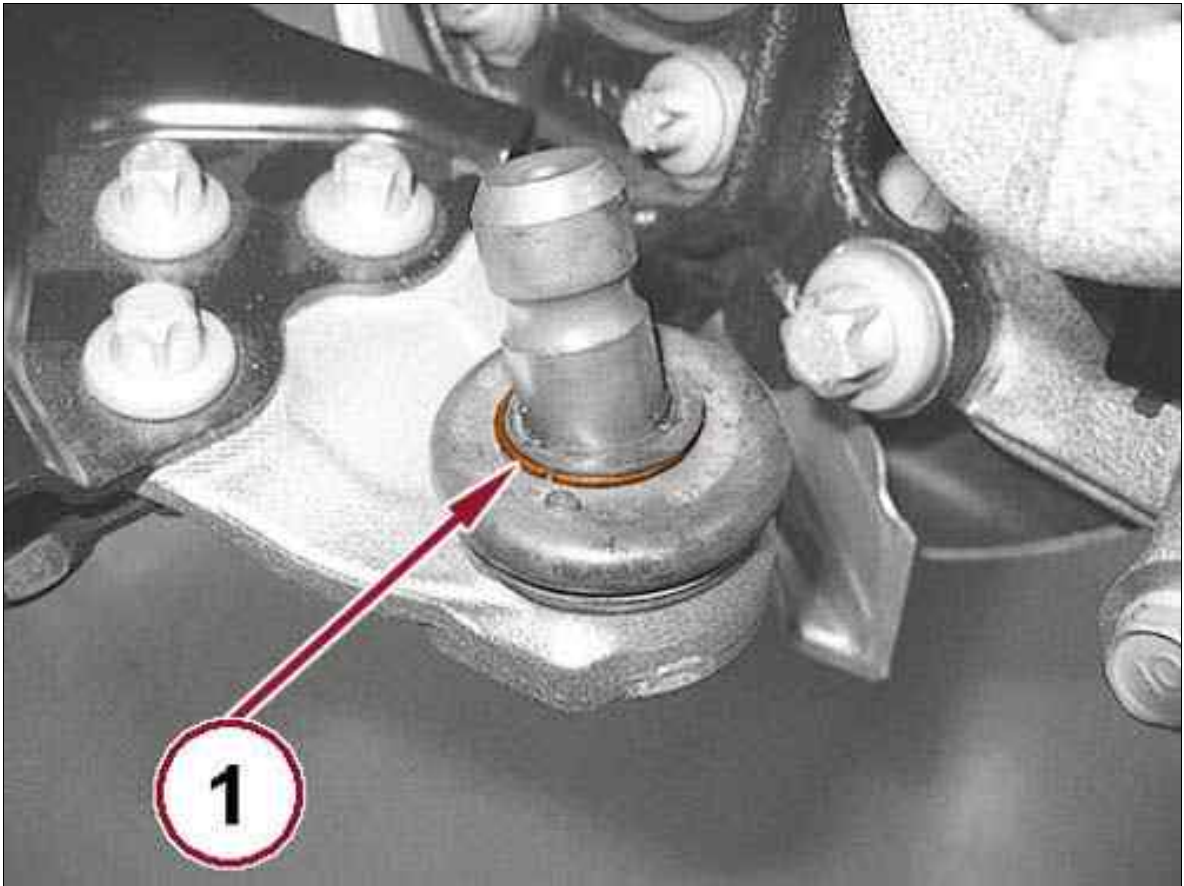
Fig 6: Collar & Support Bracket Bolts



Courtesy of CHRYSLER GROUP, LLC

9. Install the exhaust support brackets and install the bolts (2, 3).
10. Tighten the bolts (2, 3) to the proper specification. Refer to SPECIFICATIONS .
11. Install the collar bolt (1).

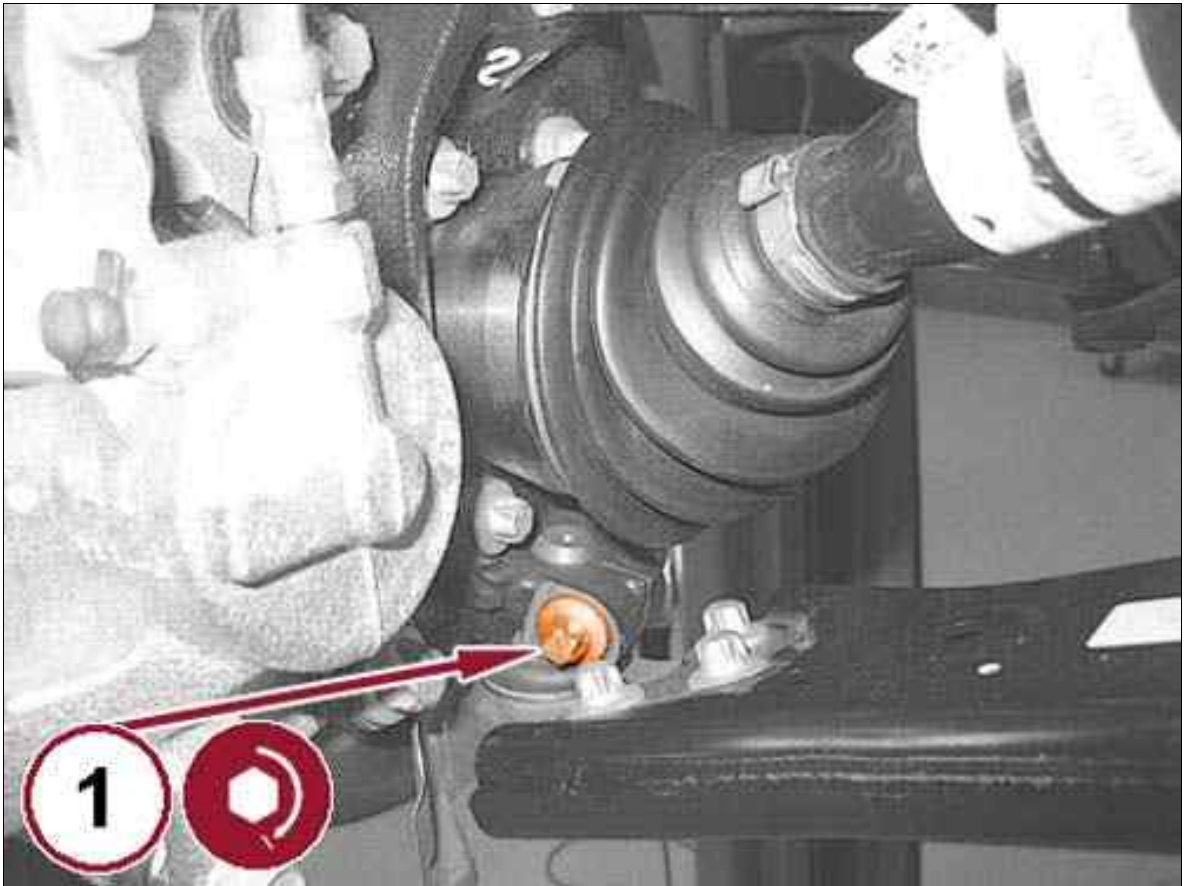
Fig 7: Lower Ball Joint Boot



Courtesy of CHRYSLER GROUP, LLC

12. Check the integrity of the lower ball joint boot (1).

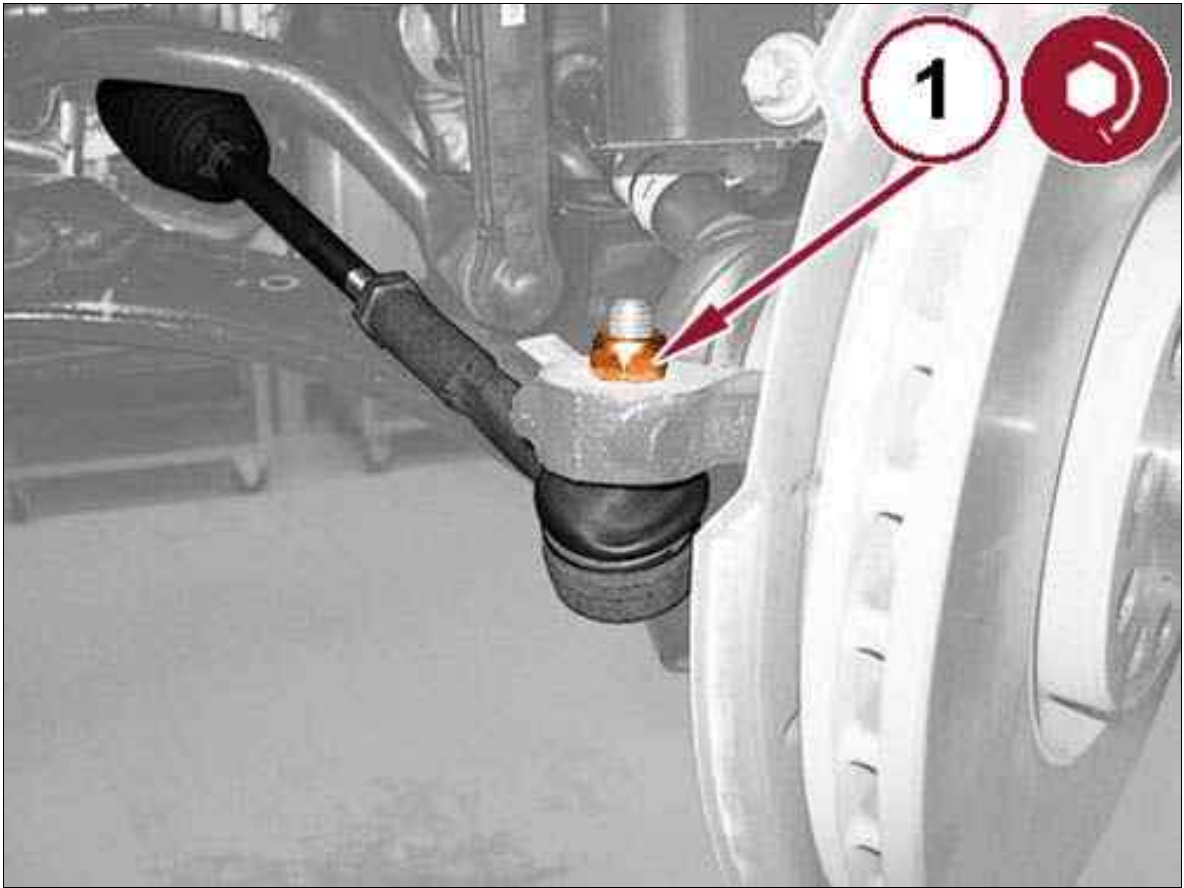
Fig 8: Wheel Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

13. Attach the lower control arms to the steering knuckles and tighten the bolts (1) to the proper specification. Refer to FRONT, SPECIFICATIONS .

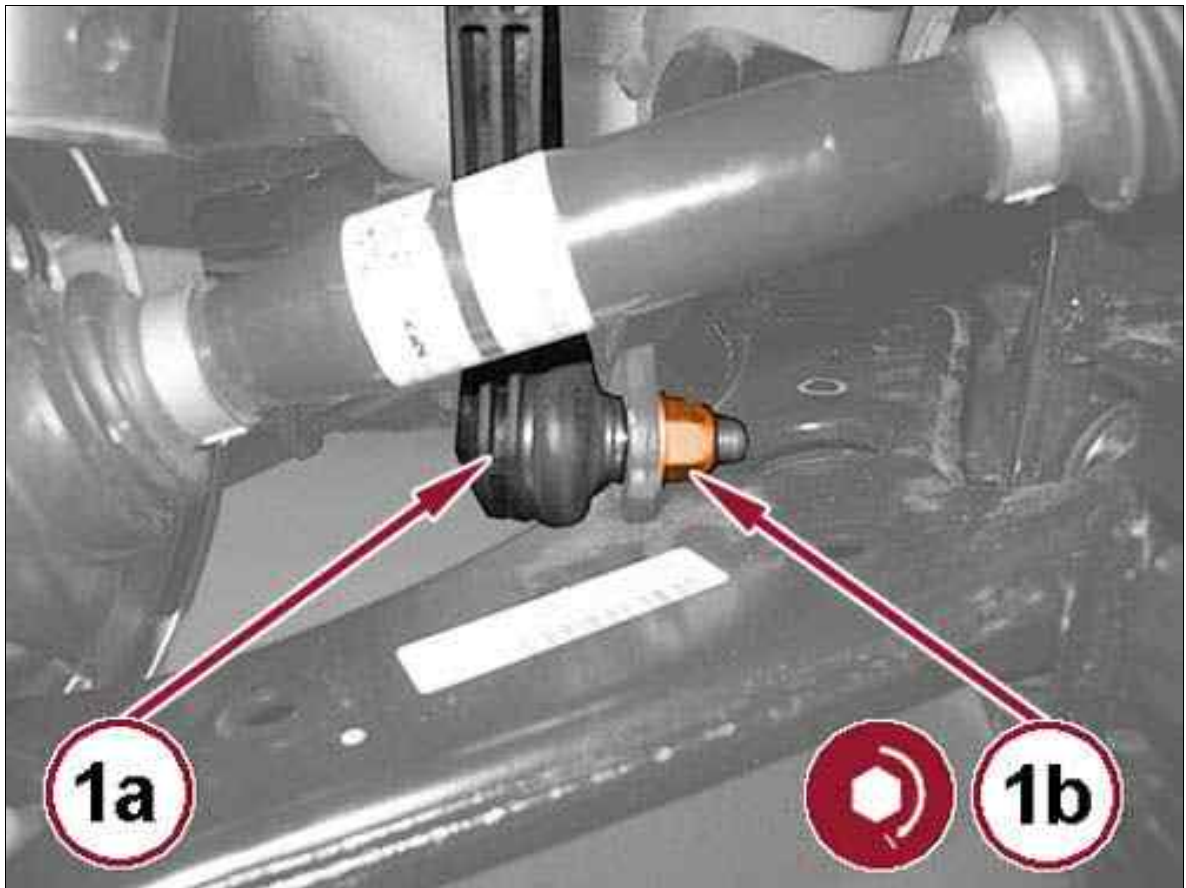
Fig 9: Outer Tie Rod End-To-Steering Knuckle Nut



Courtesy of CHRYSLER GROUP, LLC

14. Connect the outer tie rod ends to the steering knuckles and install new nuts (1).
15. Tighten the nuts to the proper specification. Refer to FRONT, SPECIFICATIONS .

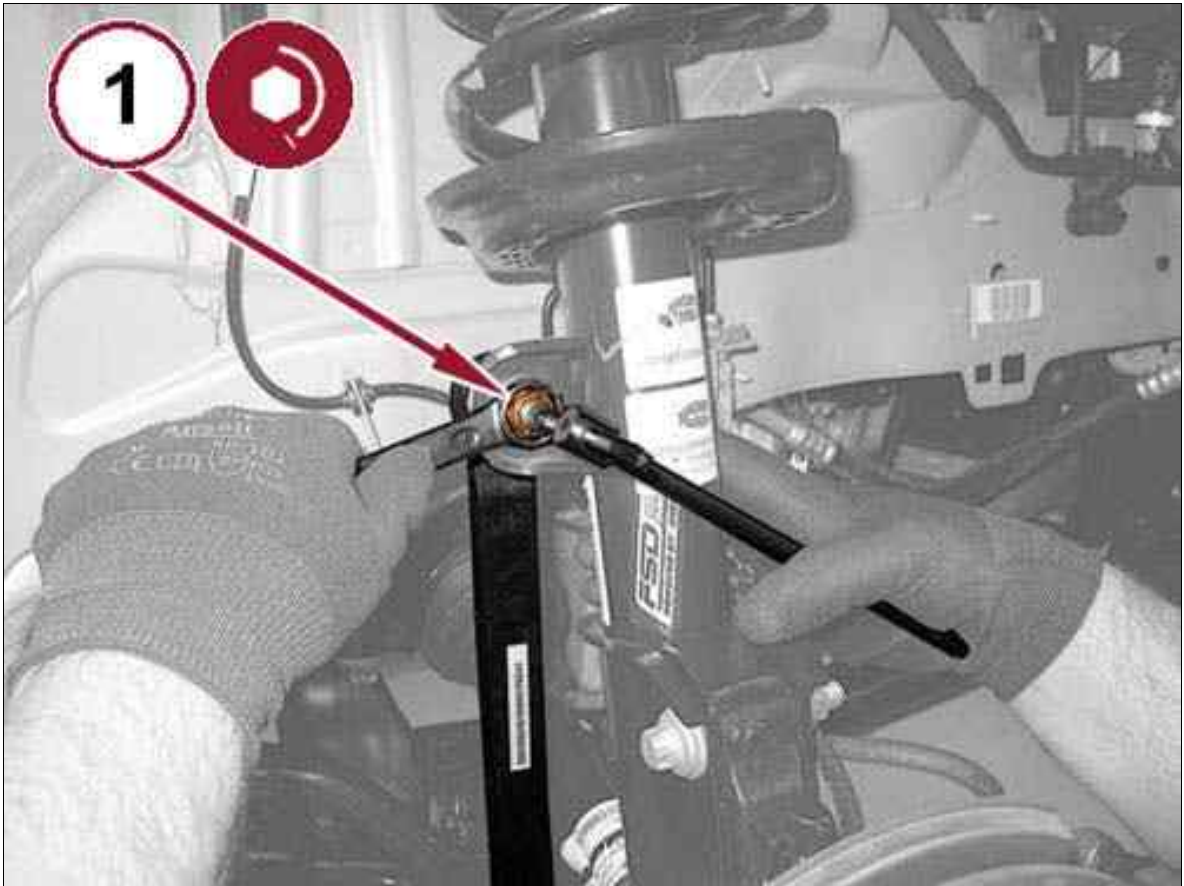
Fig 10: Stabilizer Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

16. Install the stabilizer links (1a) and install the nuts (1b).
17. Tighten the nuts to the proper specification. Refer to FRONT, SPECIFICATIONS .

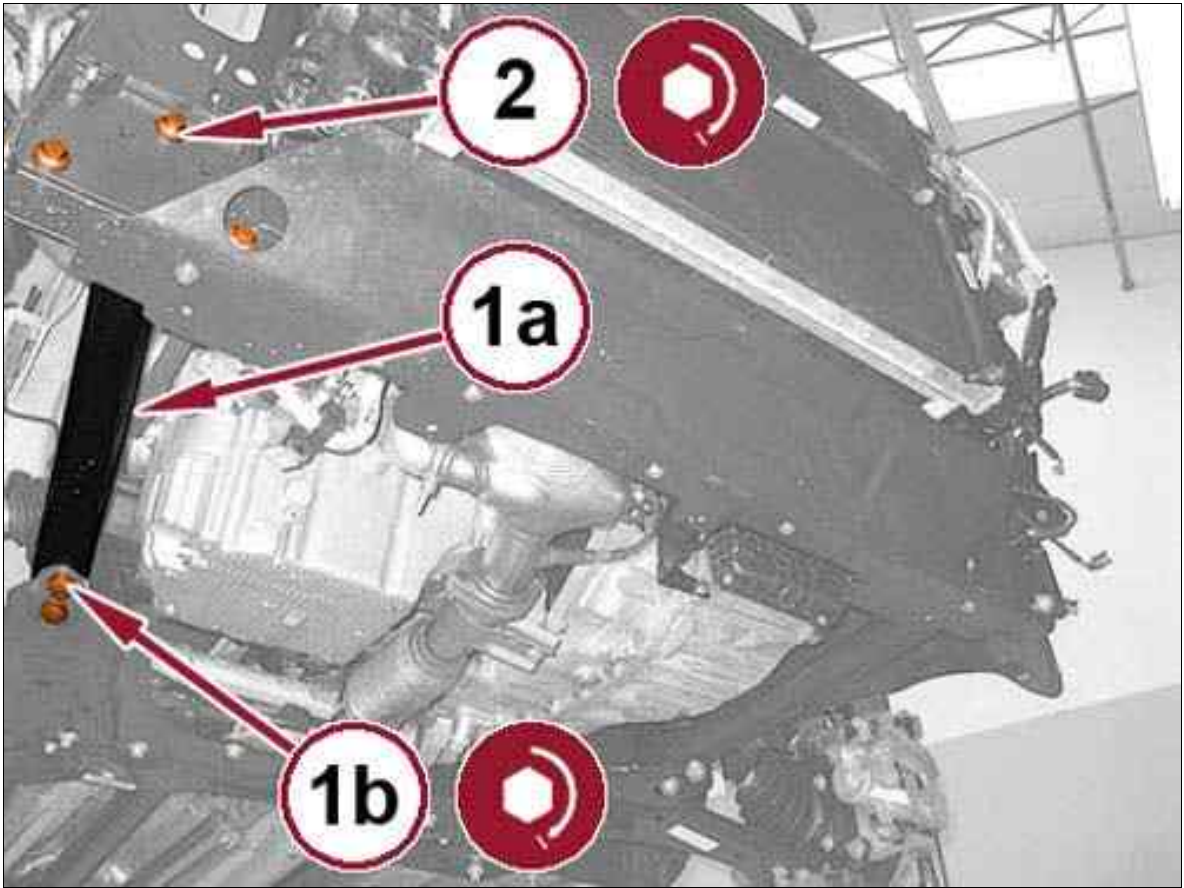
Fig 11: Stabilizer Bar Link Nut



Courtesy of CHRYSLER GROUP, LLC

18. Install the upper stabilizer nuts (1) and tighten to the proper specification. Refer to FRONT, SPECIFICATIONS .

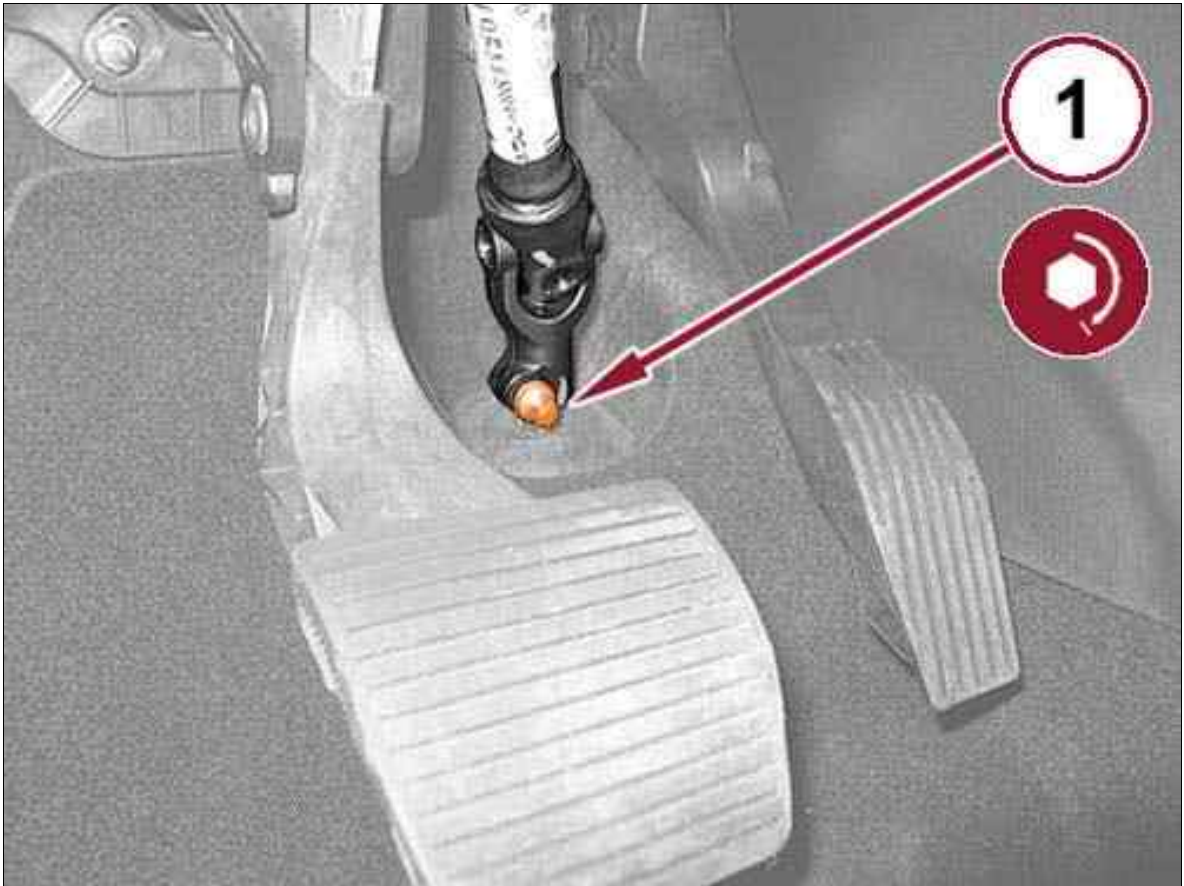
Fig 12: Load Beam & Bolts



Courtesy of CHRYSLER GROUP, LLC

19. Install the lower load beams (1a) and install the bolts (1b).
20. Tighten the bolts to the proper specification. Refer to SPECIFICATIONS .
21. Install the lower load beam extensions and install the bolts (2).
22. Tighten the bolts to the proper specification. Refer to SPECIFICATIONS .

Fig 13: Steering Column-To-Pinion Steering Box Screw

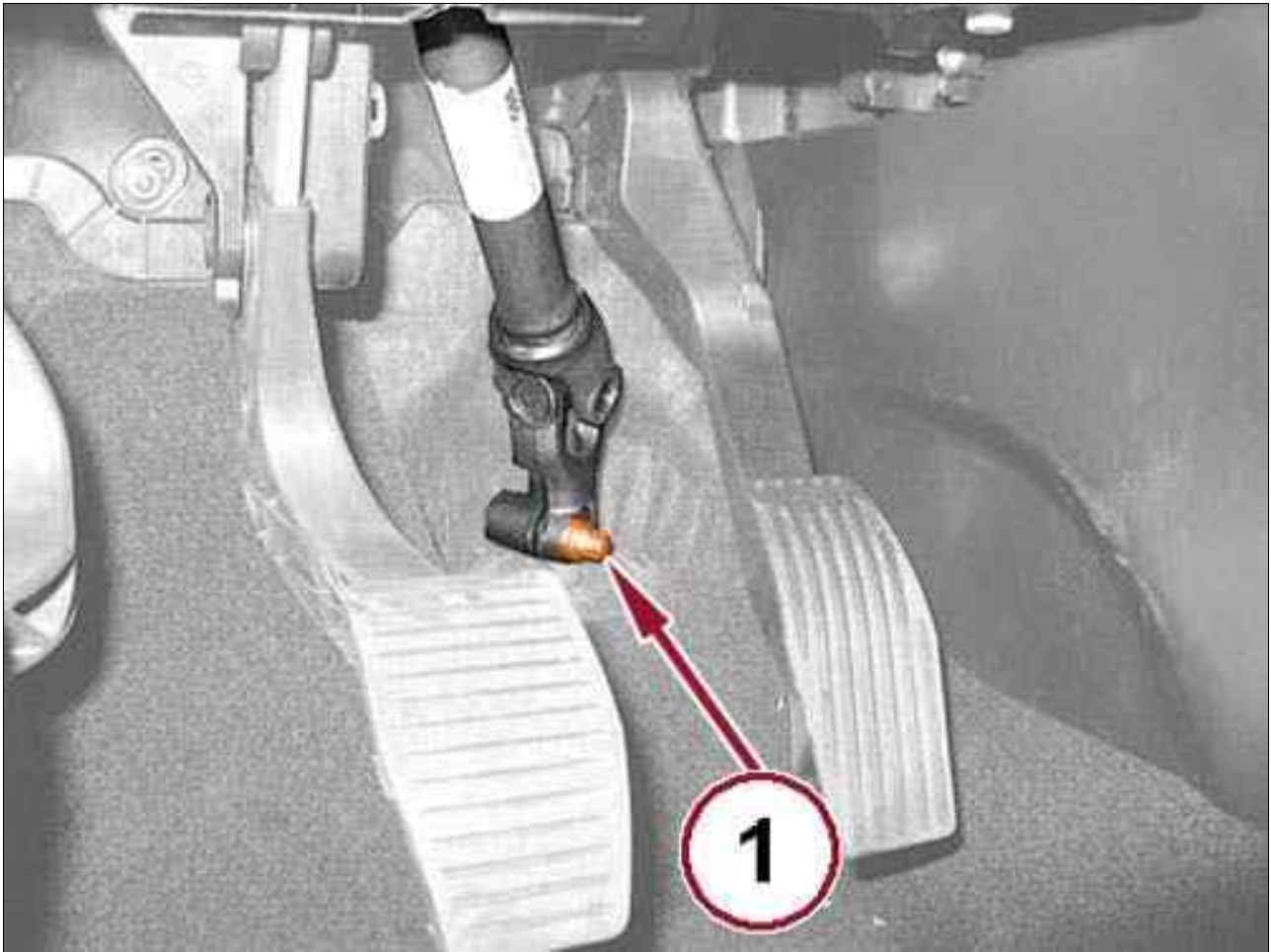


Courtesy of CHRYSLER GROUP, LLC

23. Install the steering shaft onto the steering gear and tighten the bolt (1) to the proper specification. Refer to SPECIFICATIONS .
24. Install the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
25. Install the front wheelhouse splash shields. Refer to SHIELD, SPLASH, FRONT WHEELHOUSE, REMOVAL AND INSTALLATION .
26. Install the belly pan. Refer to BELLY PAN, REMOVAL AND INSTALLATION .
27. Install the front wheels. Refer to REMOVAL AND INSTALLATION .
28. Check and adjust alignment. Refer to WHEEL ALIGNMENT, STANDARD PROCEDURE .

**FRAME > CROSSMEMBER, FRONT SUSPENSION > REMOVAL AND INSTALLATION >
1.6L TURBO DIESEL > REMOVAL**

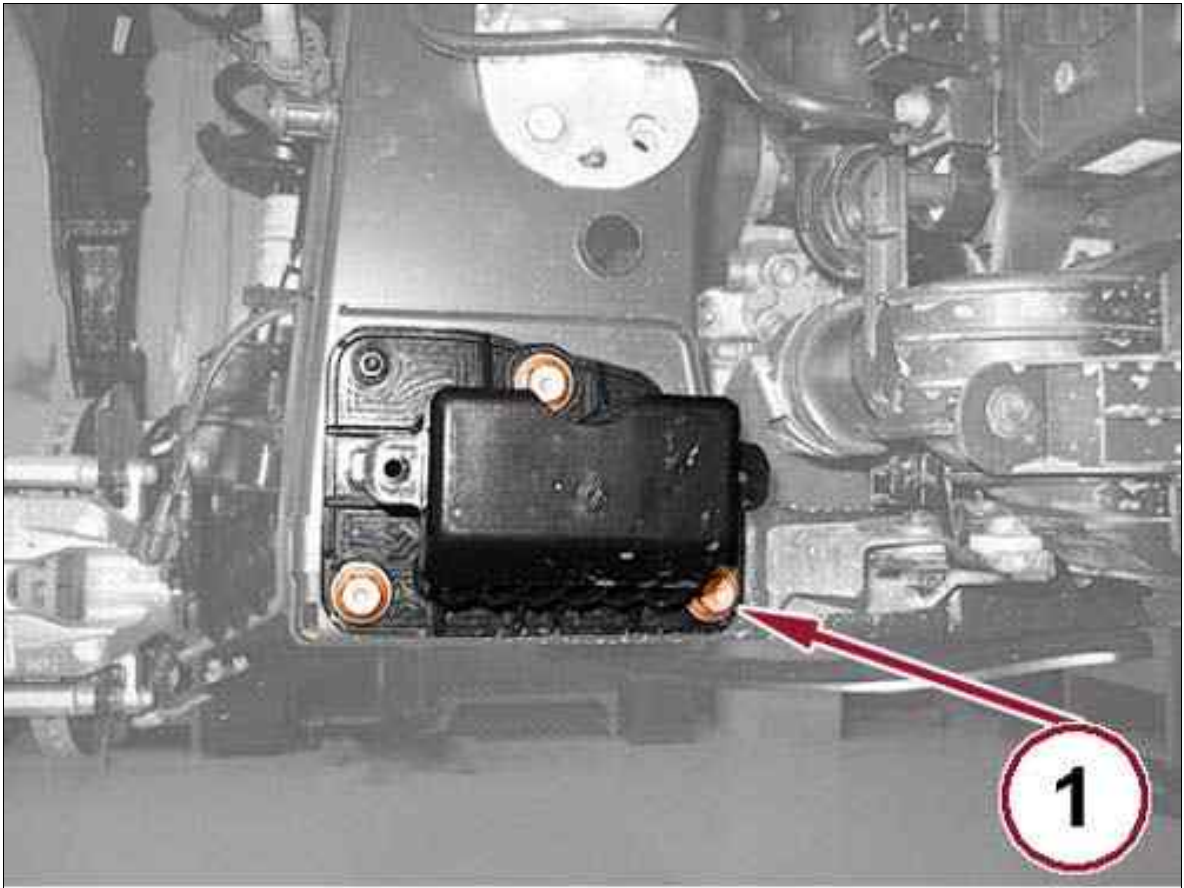
Fig 1: Steering Column-To-Pinion Steering Box Screw



Courtesy of CHRYSLER GROUP, LLC

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. Remove the front wheels. Refer to REMOVAL AND INSTALLATION .
3. Remove the belly pan. Refer to BELLY PAN, REMOVAL AND INSTALLATION .
4. Remove the front wheelhouse splash shields. Refer to SHIELD, SPLASH, FRONT WHEELHOUSE, REMOVAL AND INSTALLATION .
5. Remove the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
6. Remove the screw (1) securing the steering column to the pinion steering box.

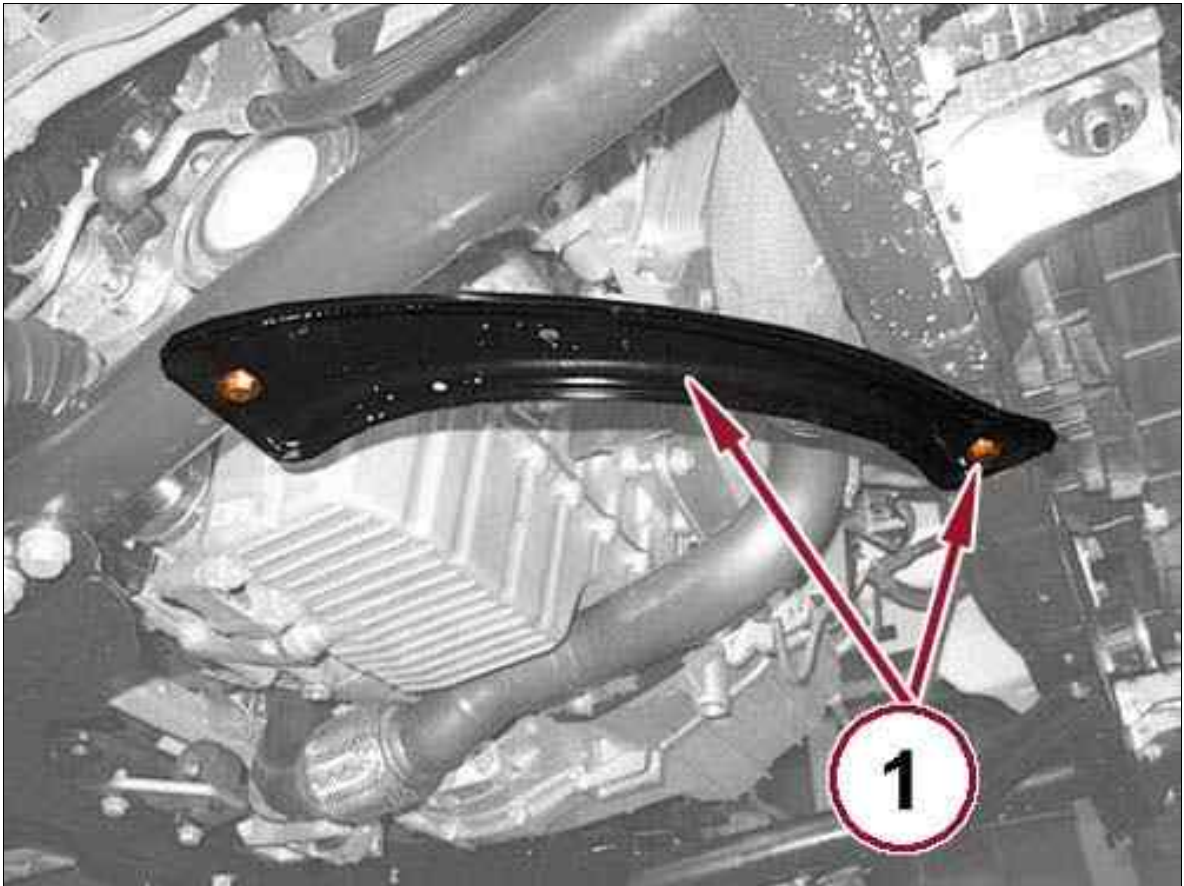
Fig 2: Bolt



Courtesy of CHRYSLER GROUP, LLC

7. Remove the bolts (1) and the load beam extensions.

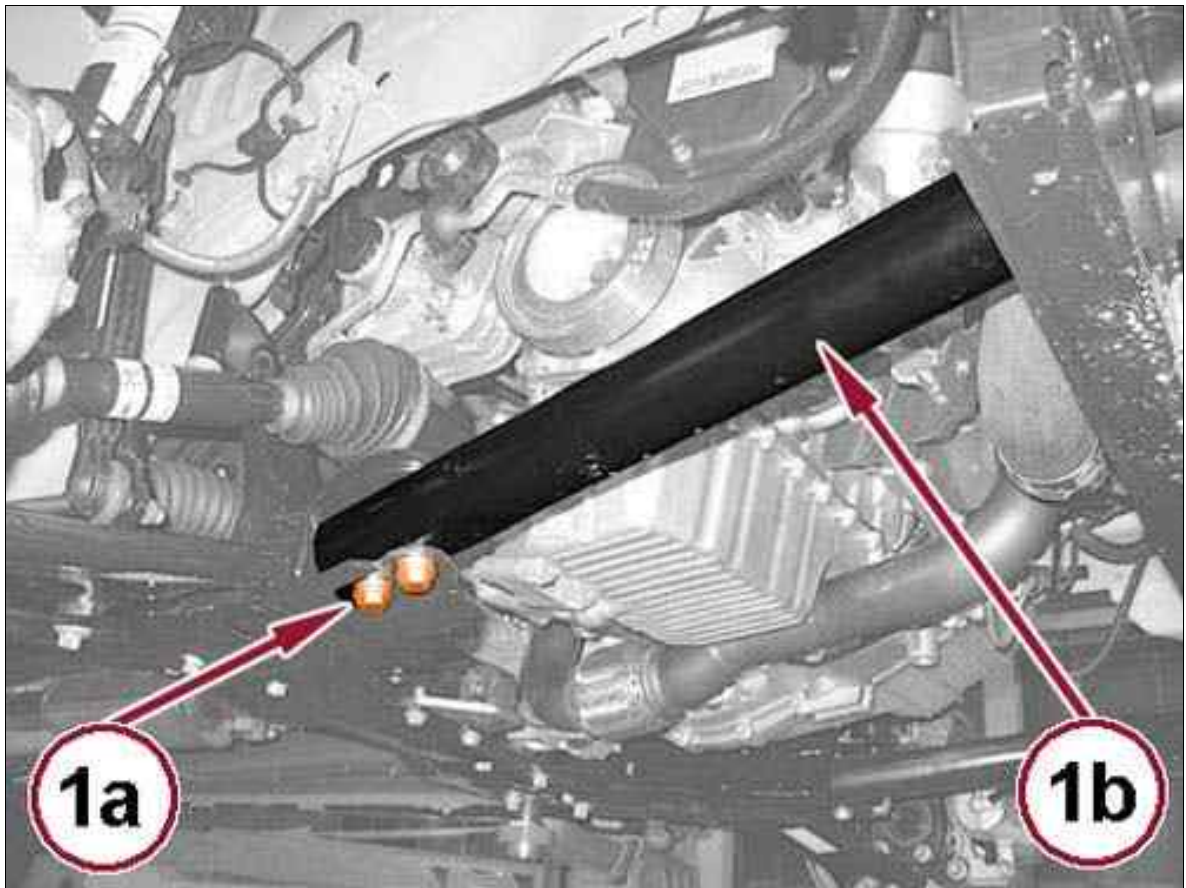
Fig 3: Reinforcement Bracket Bolt



Courtesy of CHRYSLER GROUP, LLC

8. Remove the bolts and remove the reinforcement bracket (1).

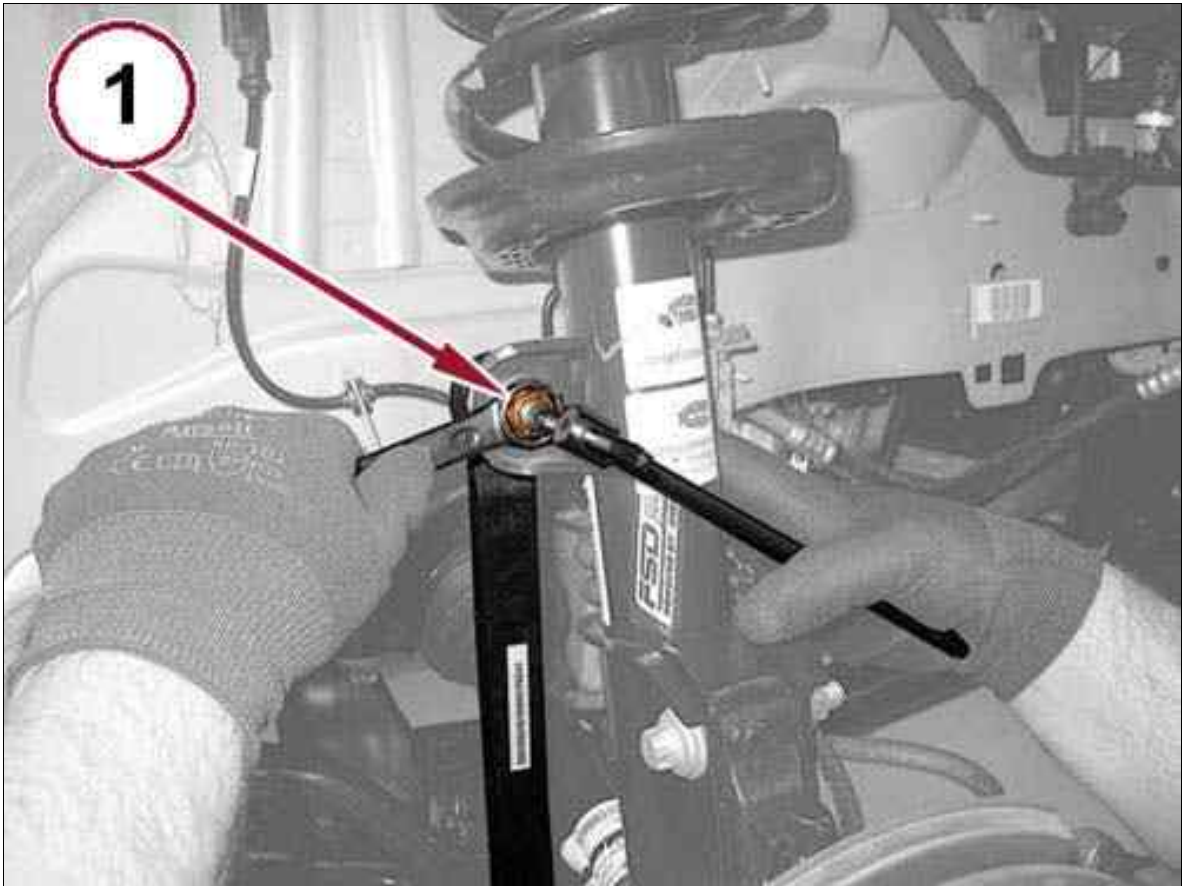
Fig 4: Lower Load Beam & Bolts



Courtesy of CHRYSLER GROUP, LLC

9. Remove the bolts (1a) and remove the lower load beams (1b).

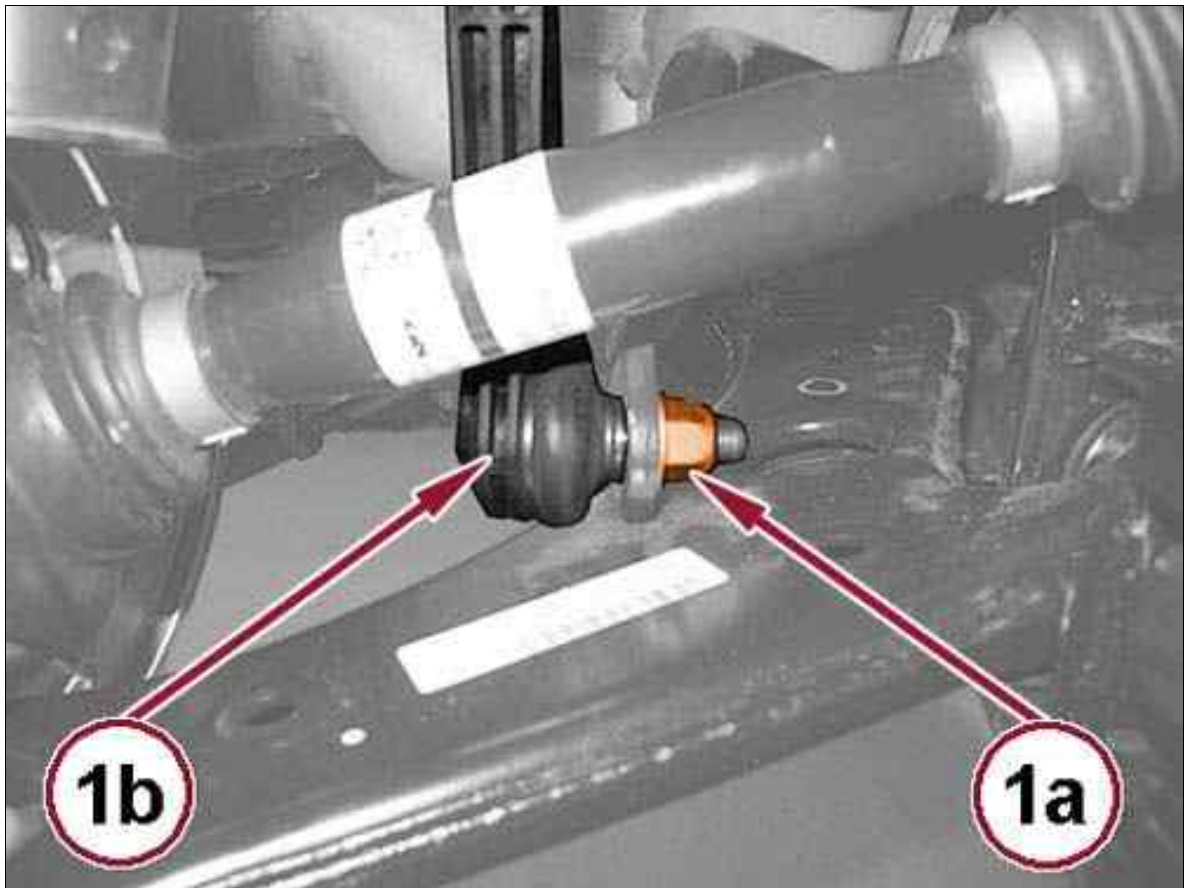
Fig 5: Stabilizer Bar Link Nut



Courtesy of CHRYSLER GROUP, LLC

10. Remove the stabilizer bar link nuts (1) at the front struts. Separate the stabilizer bar links from the front struts.

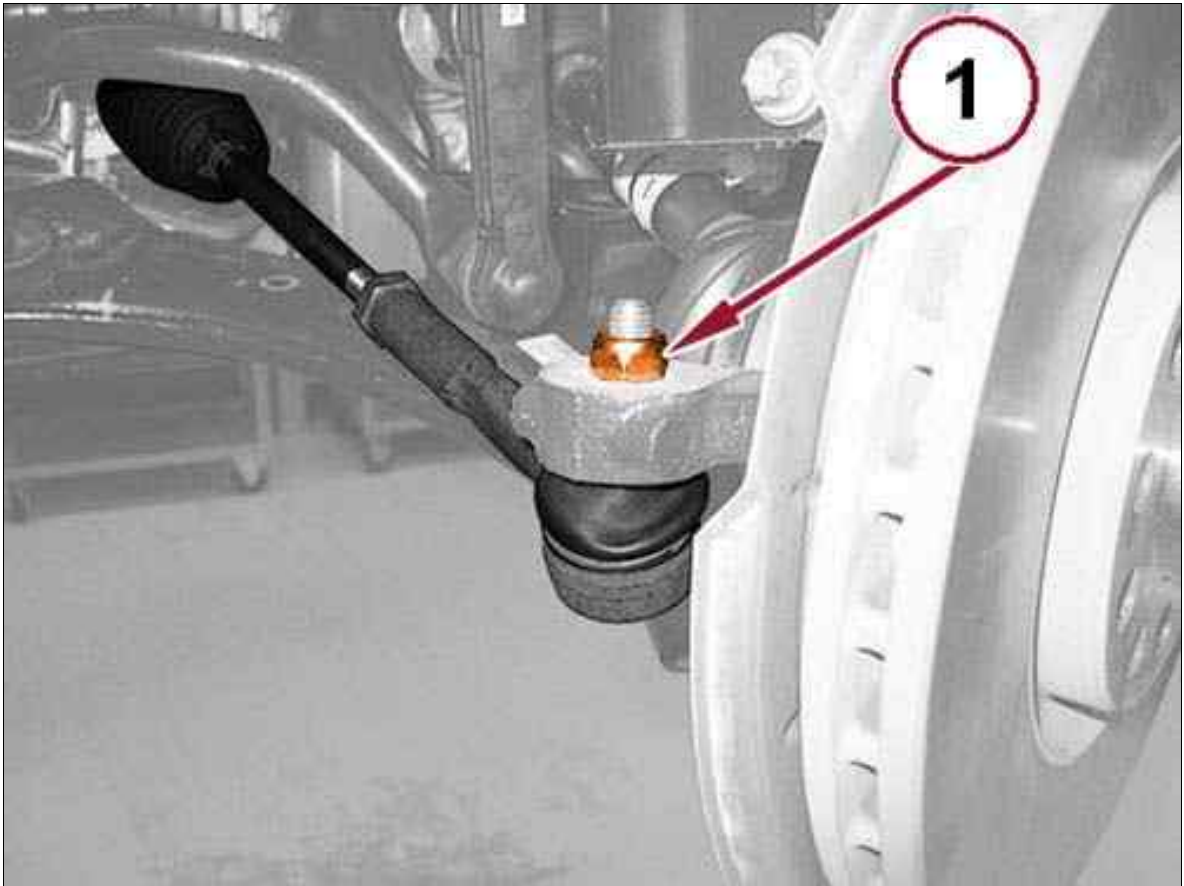
Fig 6: Stabilizer Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

11. Remove the stabilizer bar link nuts (1a) at the stabilizer bar. Separate the stabilizer bar links (1b) from the stabilizer bar.

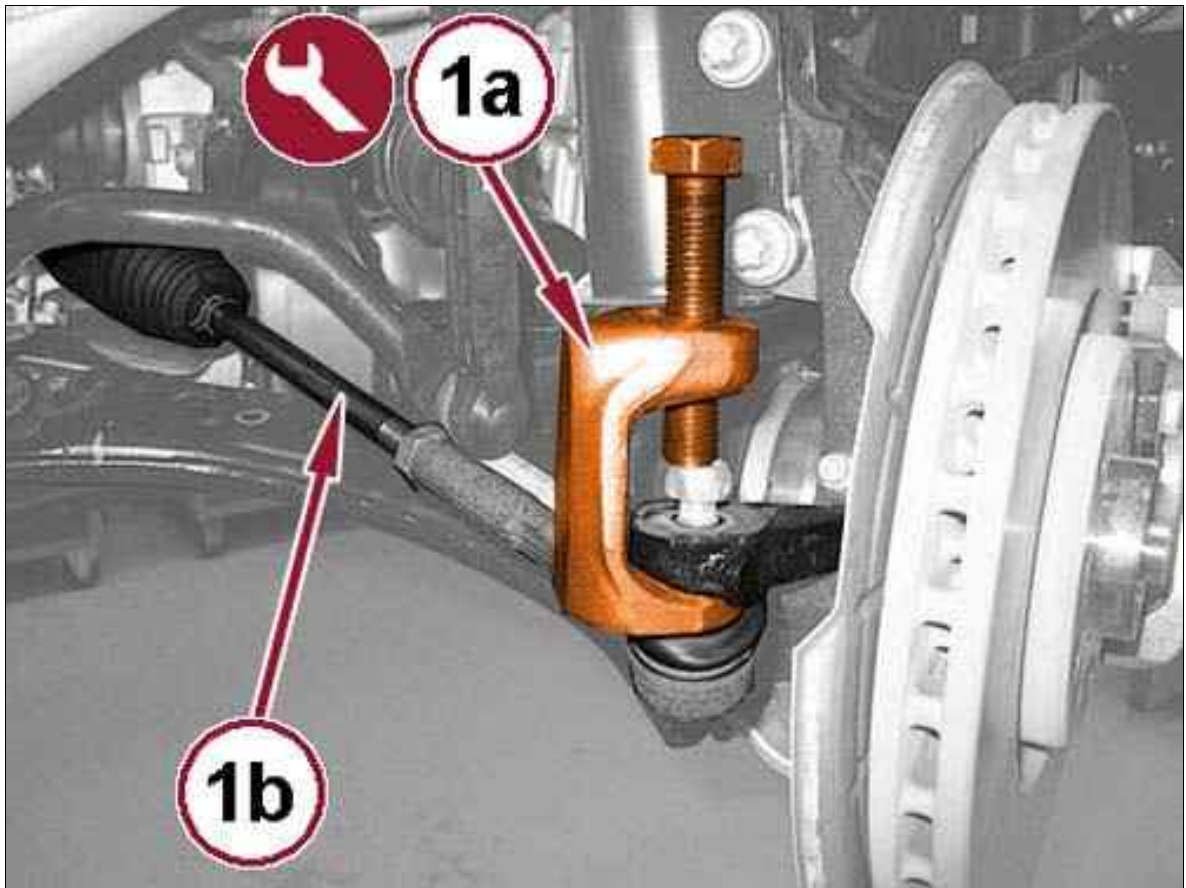
Fig 7: Tie Rod-To-Knuckles Nut



Courtesy of CHRYSLER GROUP, LLC

12. Remove the nuts (1) securing the tie rods to the knuckles.

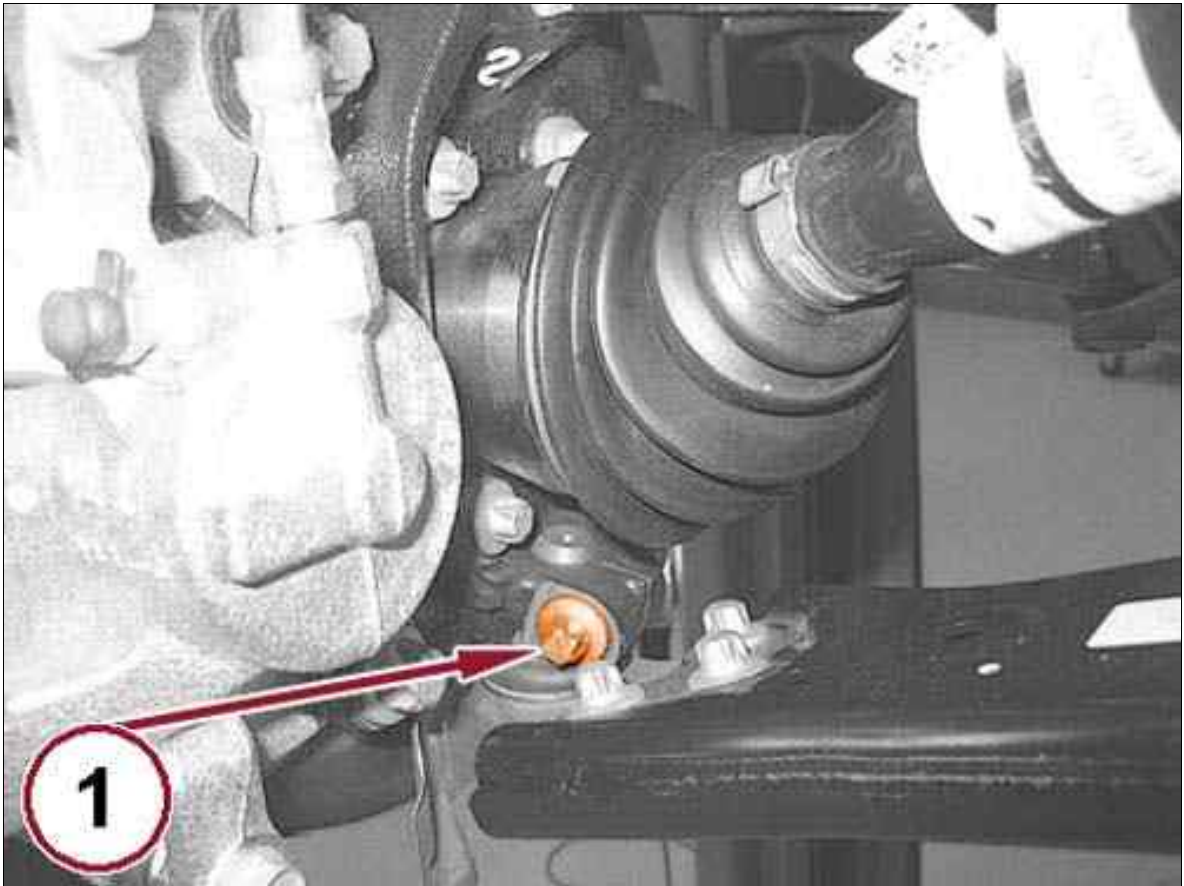
Fig 8: Special Tool & Tie Rod



Courtesy of CHRYSLER GROUP, LLC

13. Fit the special tool #1871000700 (1a) and release the tie rods (1b) from the knuckles.

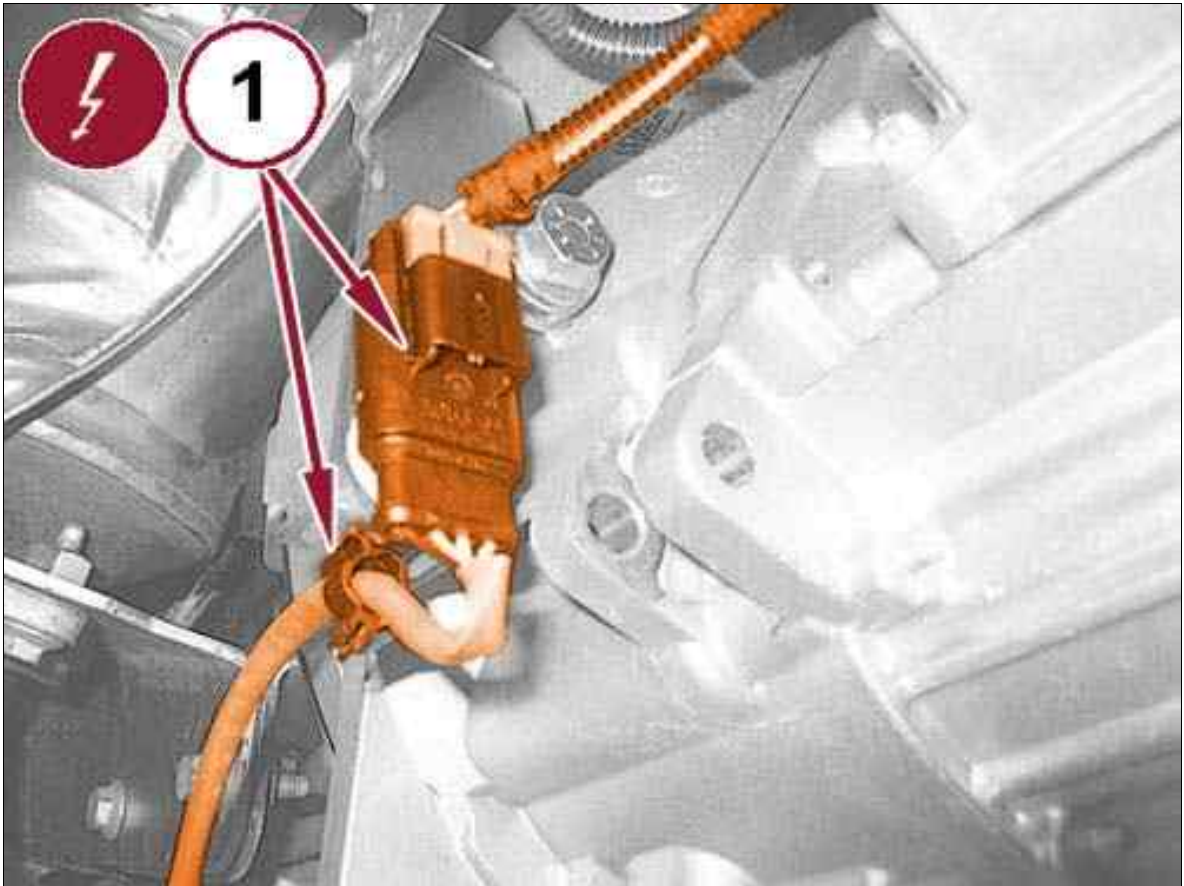
Fig 9: Wheel Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

14. Remove the bolts (1) at the wheel swing arms and separate the lower swing arms from the knuckles.

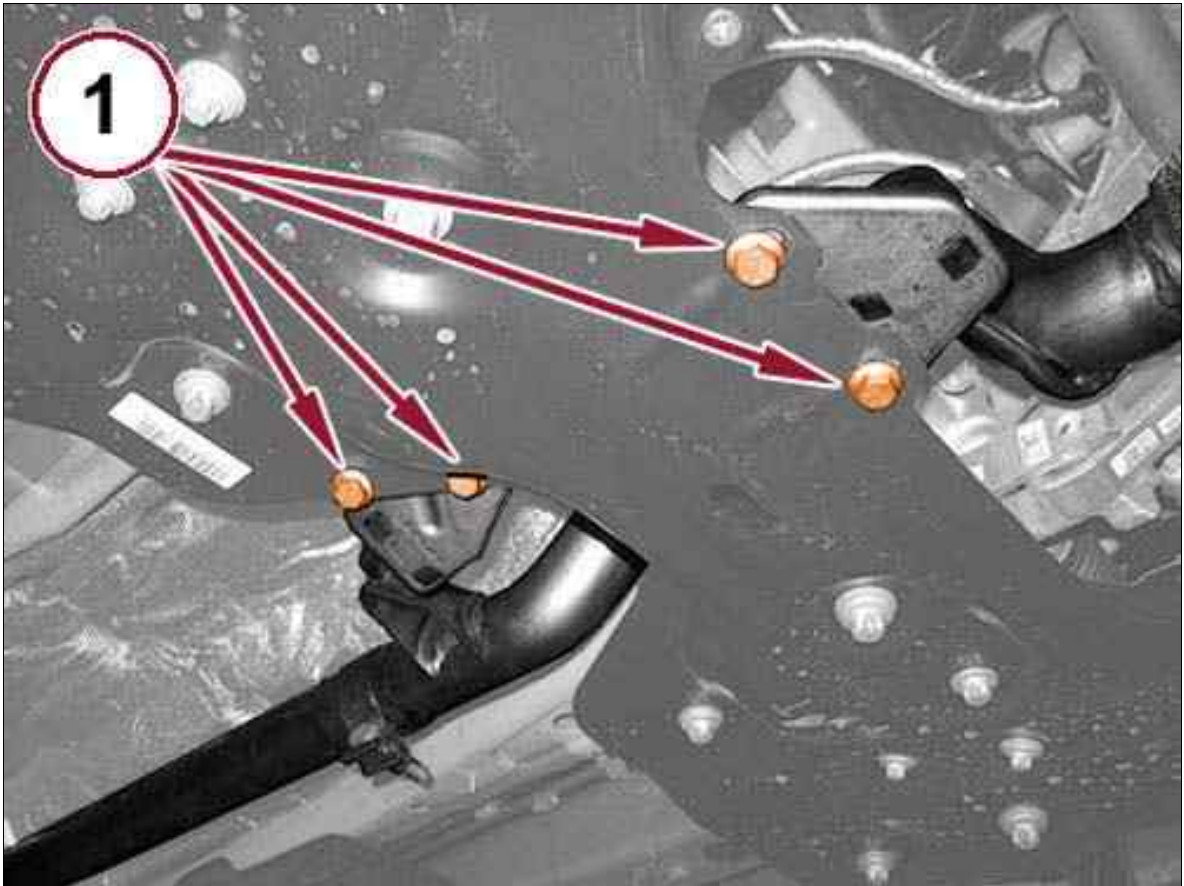
Fig 10: O2 Sensor Electrical Connection



Courtesy of CHRYSLER GROUP, LLC

15. Disconnect the O2 sensor electrical connection to the catalytic converter.

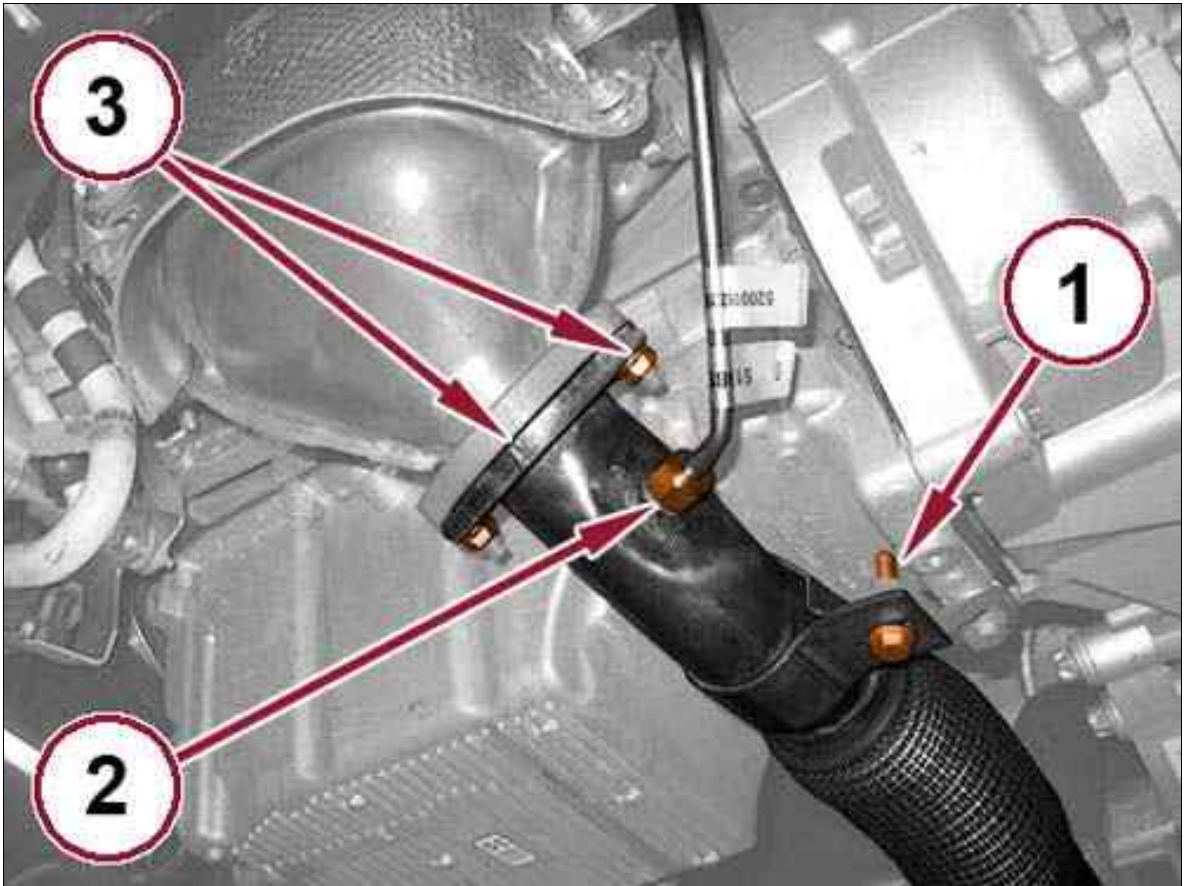
Fig 11: Exhaust Pipe Support Bracket-To-Suspension Crossmember Bolts



Courtesy of CHRYSLER GROUP, LLC

16. Remove the bolts (1) of the front bracket supporting the exhaust pipe.

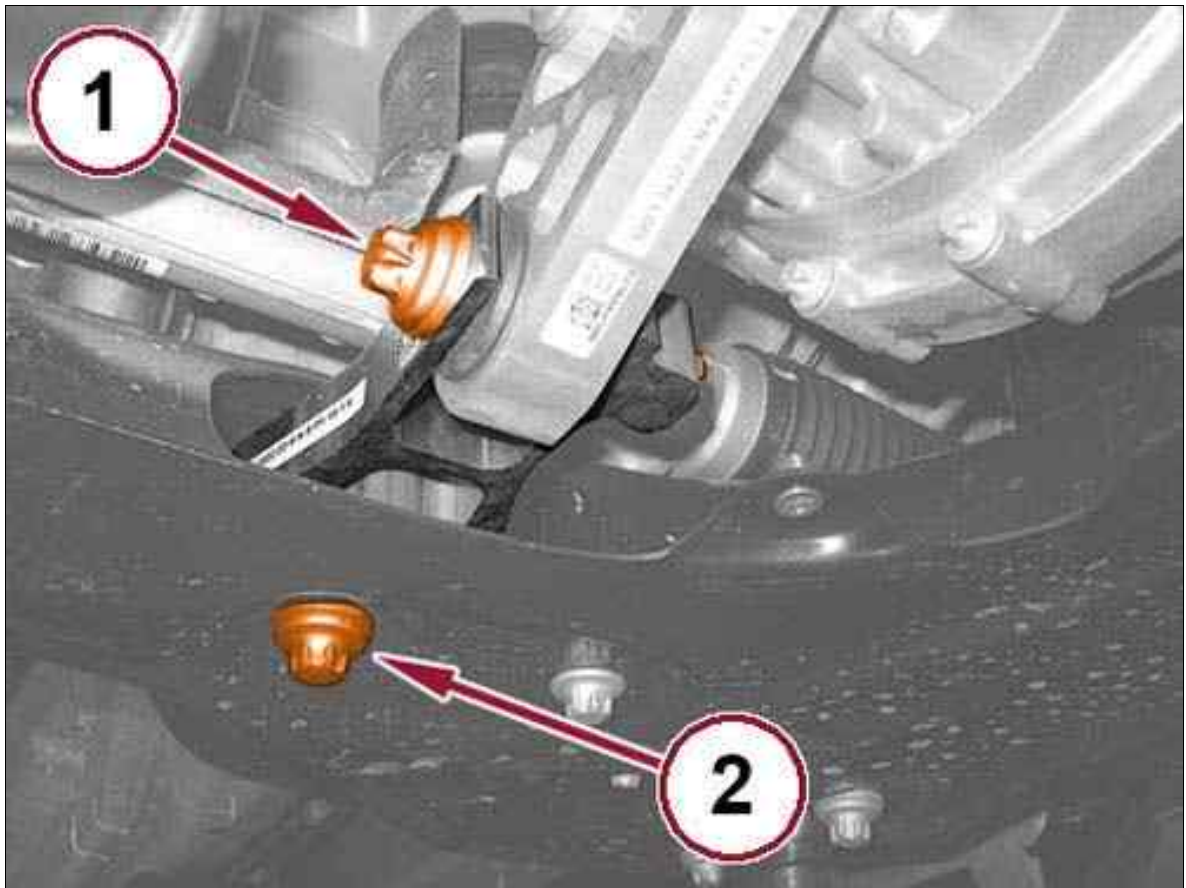
Fig 12: Connection, Bolt & Nuts



Courtesy of CHRYSLER GROUP, LLC

17. Remove the bolt (1) securing the exhaust pipe support bracket collar.
18. Unscrew the connection (2) and disconnect the exhaust gas downstream particulate filter (DPF) outlet pipe.
19. Unscrew the nuts (3) and disconnect the discharge pipe from the particulate filter (DPF).

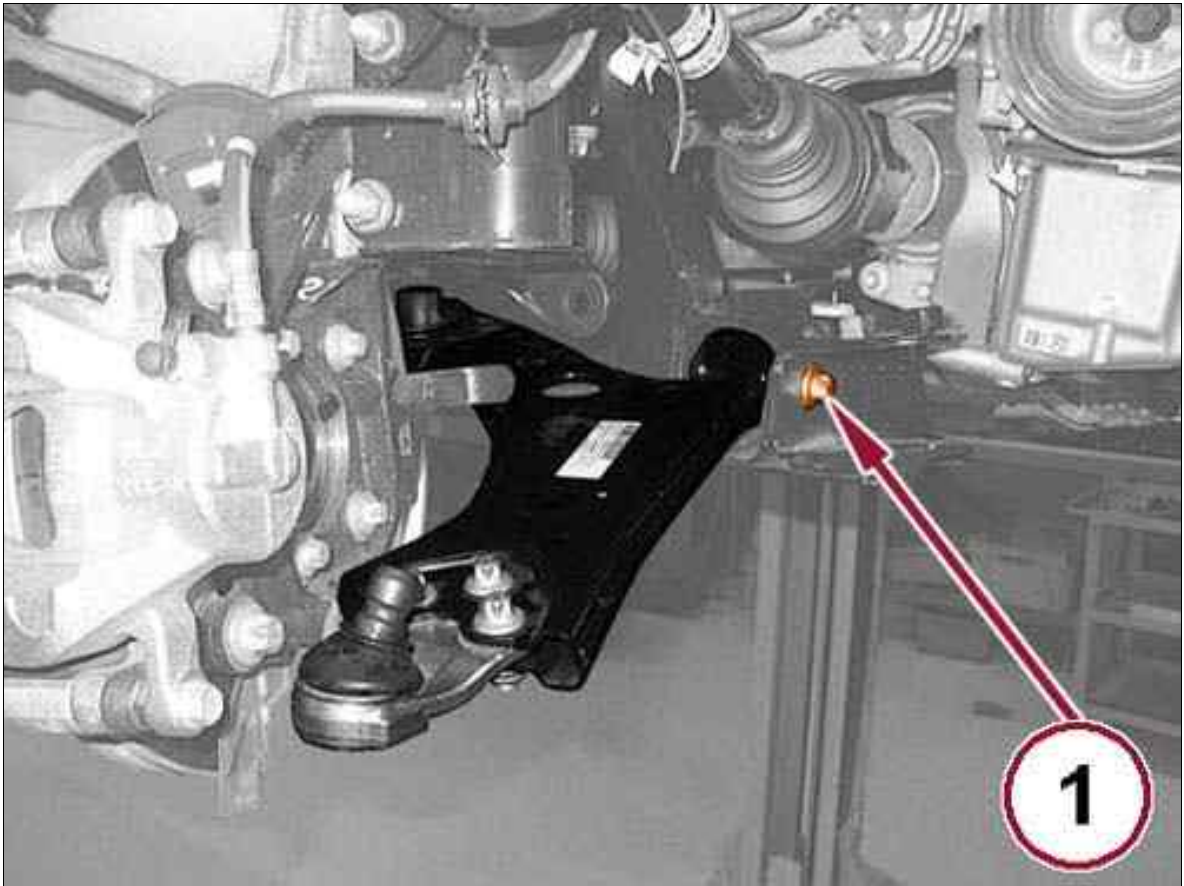
Fig 13: Lower Reaction Rod Bolts



Courtesy of CHRYSLER GROUP, LLC

20. Remove the bolt (1) securing the lower reaction rod to the engine.
21. Loosen the bolt (2) securing the lower reaction rod to the suspension crossmember.

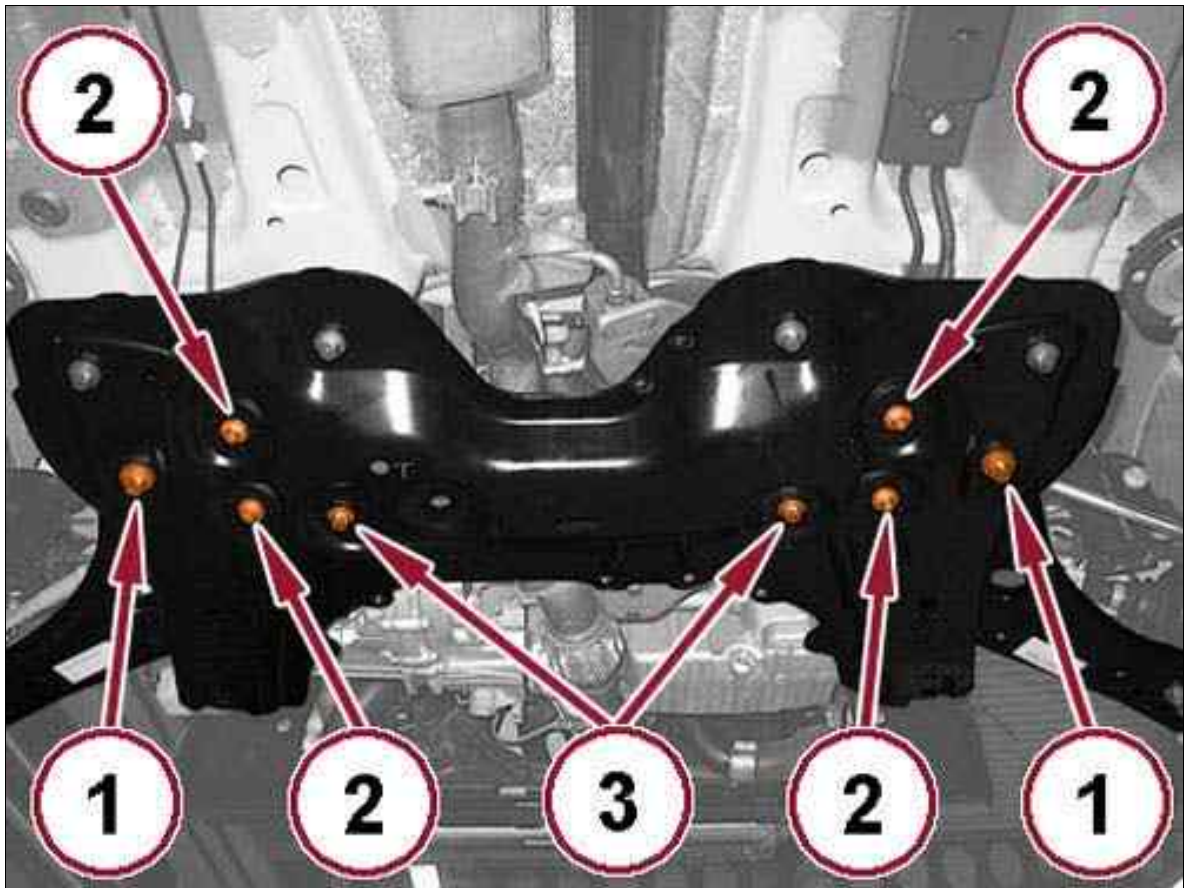
Fig 14: Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

22. Loosen the bolt securing the swing arm, left and right, to suspension crossmember.

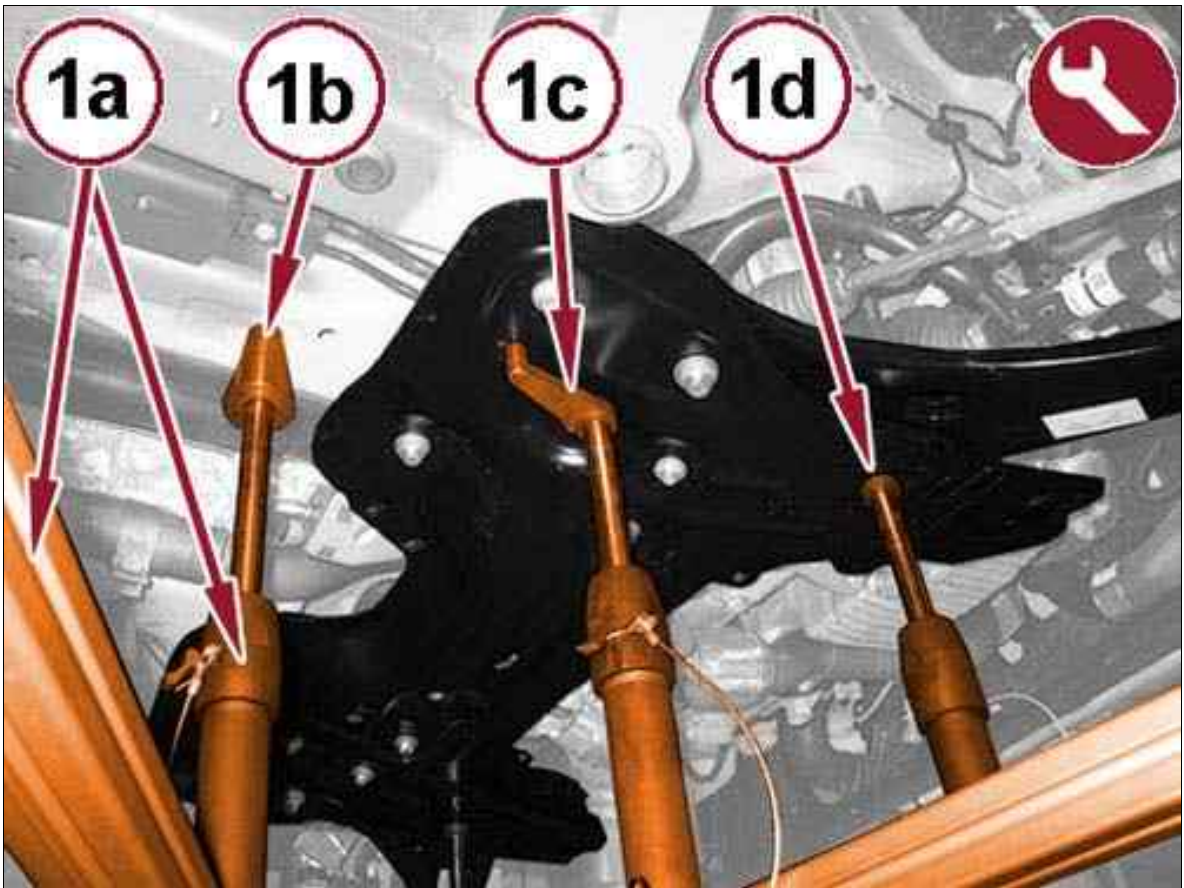
Fig 15: Bolts



Courtesy of CHRYSLER GROUP, LLC

- 23. Loosen the swing arm bolts (1).
- 24. Loosen the stabilizer bar bolts (2).
- 25. Loosen the steering gear bolts (3).

Fig 16: Supporting Front Suspension Crossmember



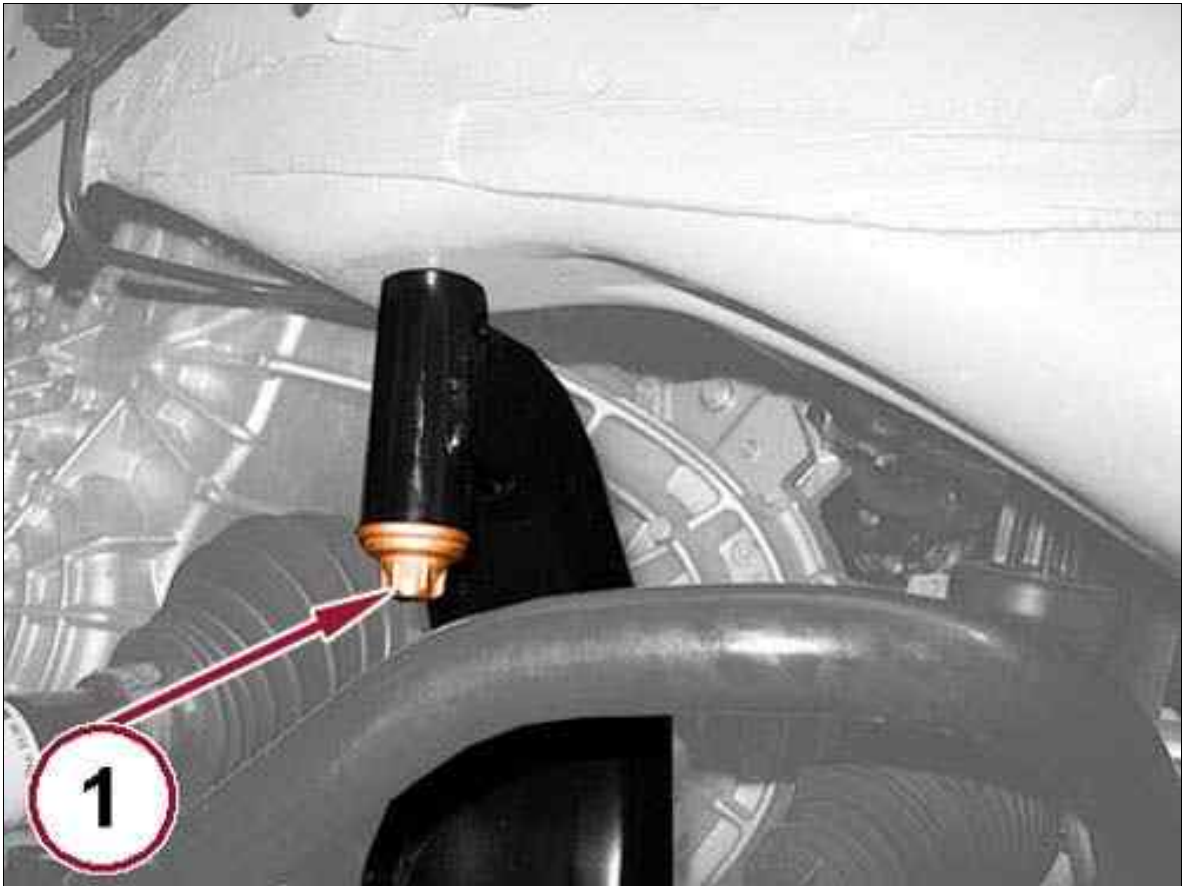
Courtesy of CHRYSLER GROUP, LLC

 NOTE:

The following step requires the use of universal tool #2000043000, body centering conical/round pin #2000043300, crossmember centering pin/bracket #2000043500 and crossmember centering pin #2000043600.

26. Using a suitable hydraulic lift, support the front suspension crossmember with the gear (1a), (1b), (1c) and (1d) as shown in the illustration.

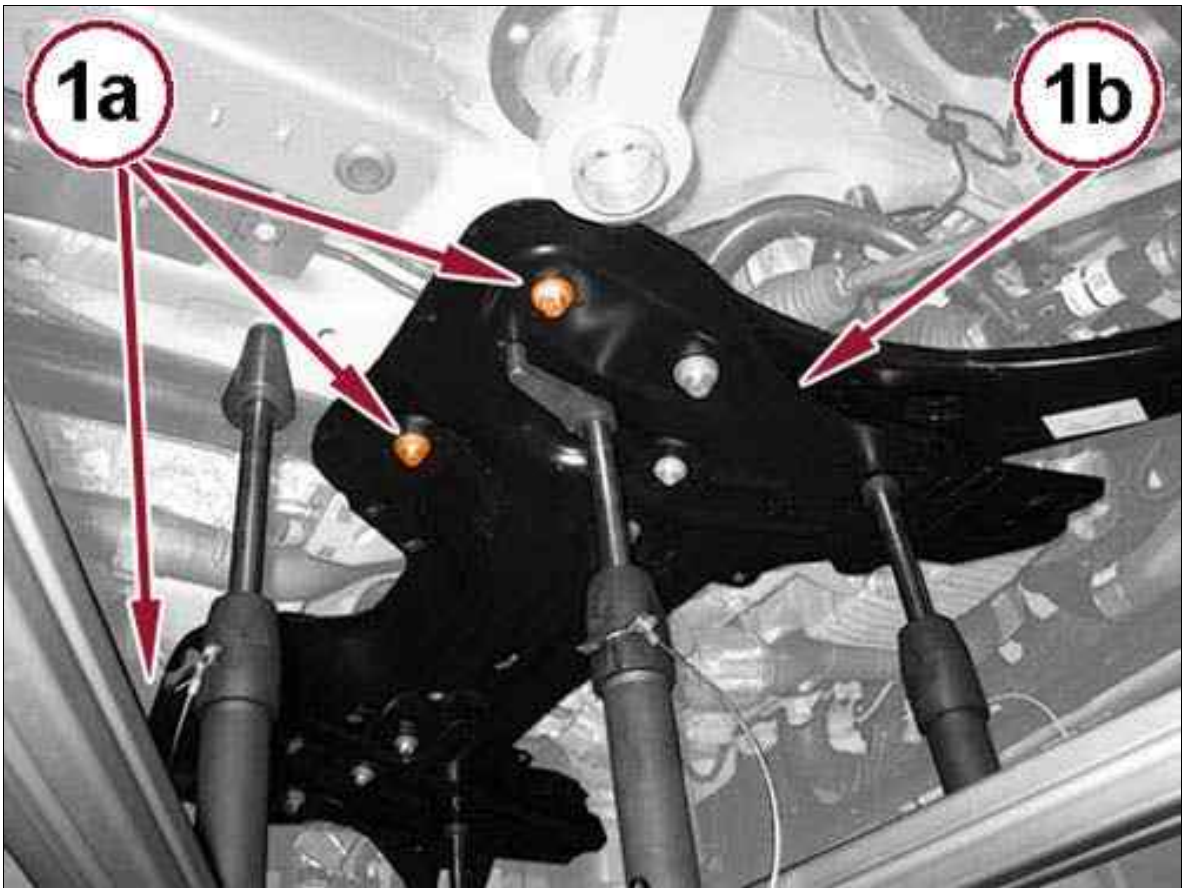
Fig 17: Front Suspension Crossmember Bolt



Courtesy of CHRYSLER GROUP, LLC

27. Remove the bolts (1) attaching the front suspension crossmember to the left and right side panels.

Fig 18: Front Suspension Crossmember & Bolts

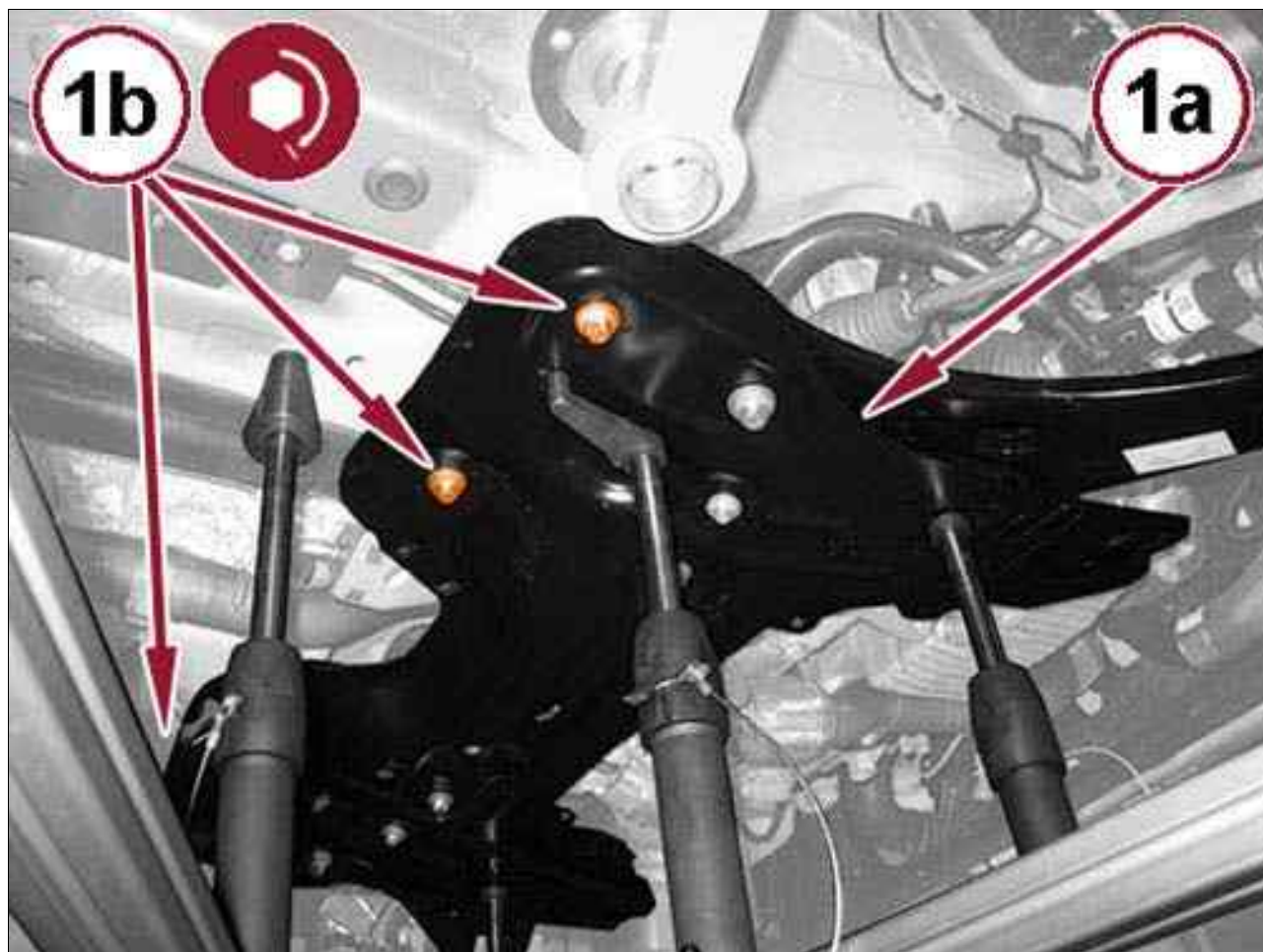


Courtesy of CHRYSLER GROUP, LLC

28. Remove the bolts (1a) and remove the front suspension crossmember (1b).
29. Remove the front exhaust pipe.
30. Remove the bolt and remove the lower reaction rod to the suspension crossmember.
31. Remove the screws and bolts previously loosened and remove control arms, left and right.
32. Remove the screws previously loosened and remove the stabilizer bar.
33. Unscrew the bolts previously loose and remove the steering box.

**FRAME > CROSSMEMBER, FRONT SUSPENSION > REMOVAL AND INSTALLATION >
1.6L TURBO DIESEL > INSTALLATION**

Fig 1: Front Suspension Crossmember & Bolts



Courtesy of CHRYSLER GROUP, LLC

1. With the tools used during removal, install the crossmember (1a) and tighten the screws (1b) to the proper specification. Refer to SPECIFICATIONS .

Fig 2: Front Suspension Crossmember Bolt



Courtesy of CHRYSLER GROUP, LLC

2. Tighten the bolts attaching the crossmember to the left and right side panels to the proper specification. Refer to SPECIFICATIONS .

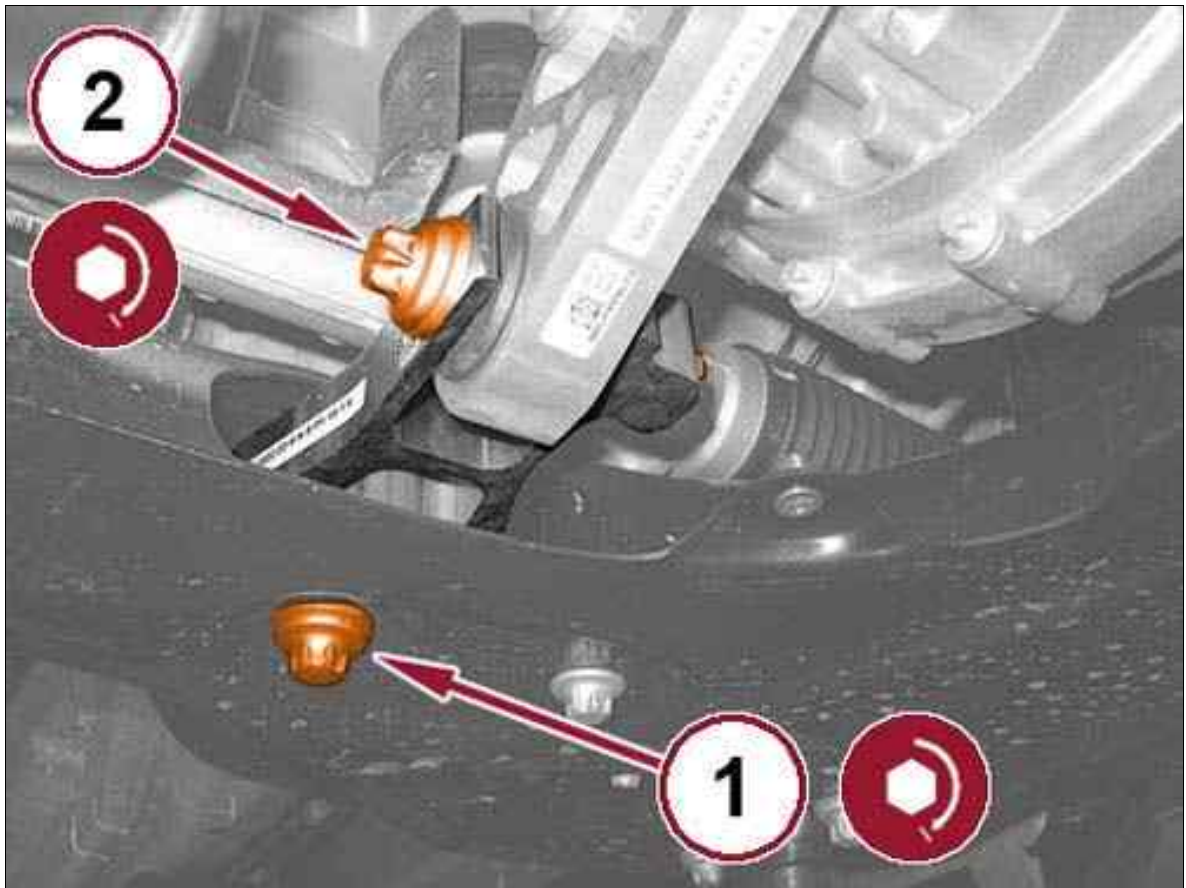
Fig 3: Supporting Lower Control Arm



Courtesy of CHRYSLER GROUP, LLC

3. Remove the crossmember lifting devise.
4. Place a suitable hydraulic jack under the lower control arm as shown in FIG.

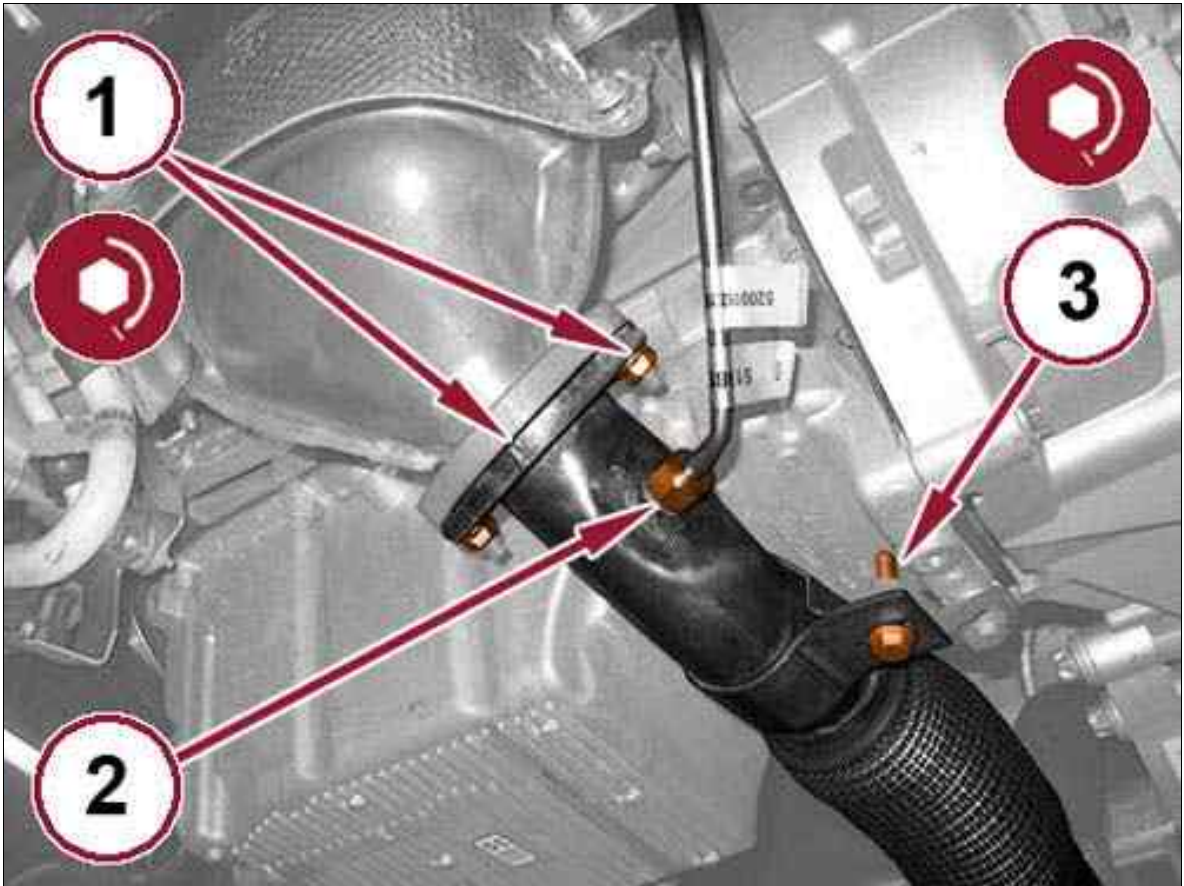
Fig 4: Lower Reaction Rod Bolts



Courtesy of CHRYSLER GROUP, LLC

5. Tighten the lower control arm to the suspension bolts to the proper specification. Refer to FRONT, SPECIFICATIONS .
6. Tighten the stabilizer bar to the suspension bolts to the proper specification. Refer to FRONT, SPECIFICATIONS .
7. Tighten the steering gear to the suspension bolts to the proper specification. Refer to SPECIFICATIONS .
8. Tighten the reaction rod bolt (1) to the crossmember to the proper specification. Refer to SPECIFICATIONS .
9. Tighten the reaction rod bolt (2) to the transmission bracket to the proper specification. Refer to SPECIFICATIONS .

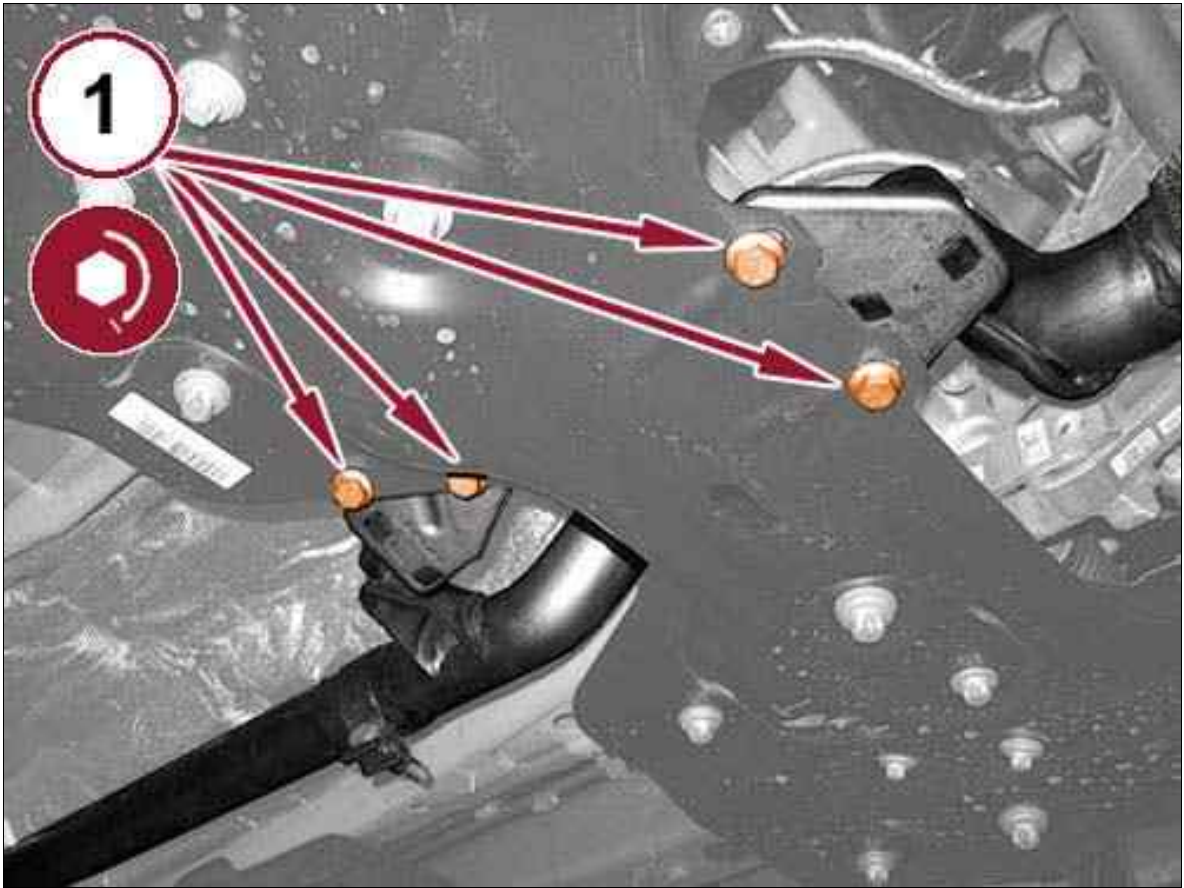
Fig 5: Connection, Bolt & Nuts



Courtesy of CHRYSLER GROUP, LLC

10. Connect the exhaust pipe complete with new gasket to the catalytic converter and tighten the new nuts (1) to the proper specification. Refer to SPECIFICATIONS .
11. Install and tighten the exhaust gas pressure pipe downstream of the particulate filter (DPF) (2).
12. Install the bolt (3) and tighten to the proper specification. Refer to SPECIFICATIONS .

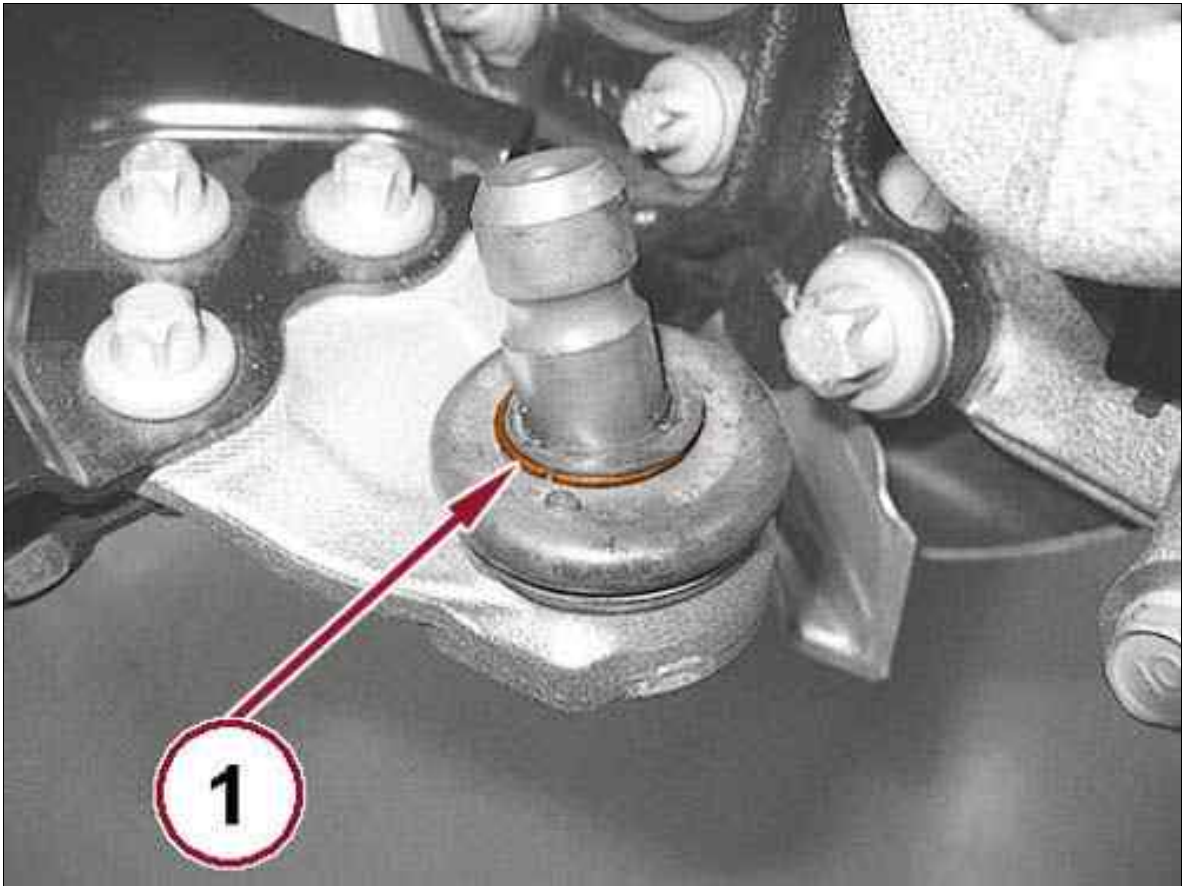
Fig 6: Exhaust Pipe Support Bracket-To-Suspension Crossmember Bolts



Courtesy of CHRYSLER GROUP, LLC

13. Install the bolts (1) attaching the exhaust pipe support brackets to the suspension crossmember and tighten to the proper specification. Refer to SPECIFICATIONS .

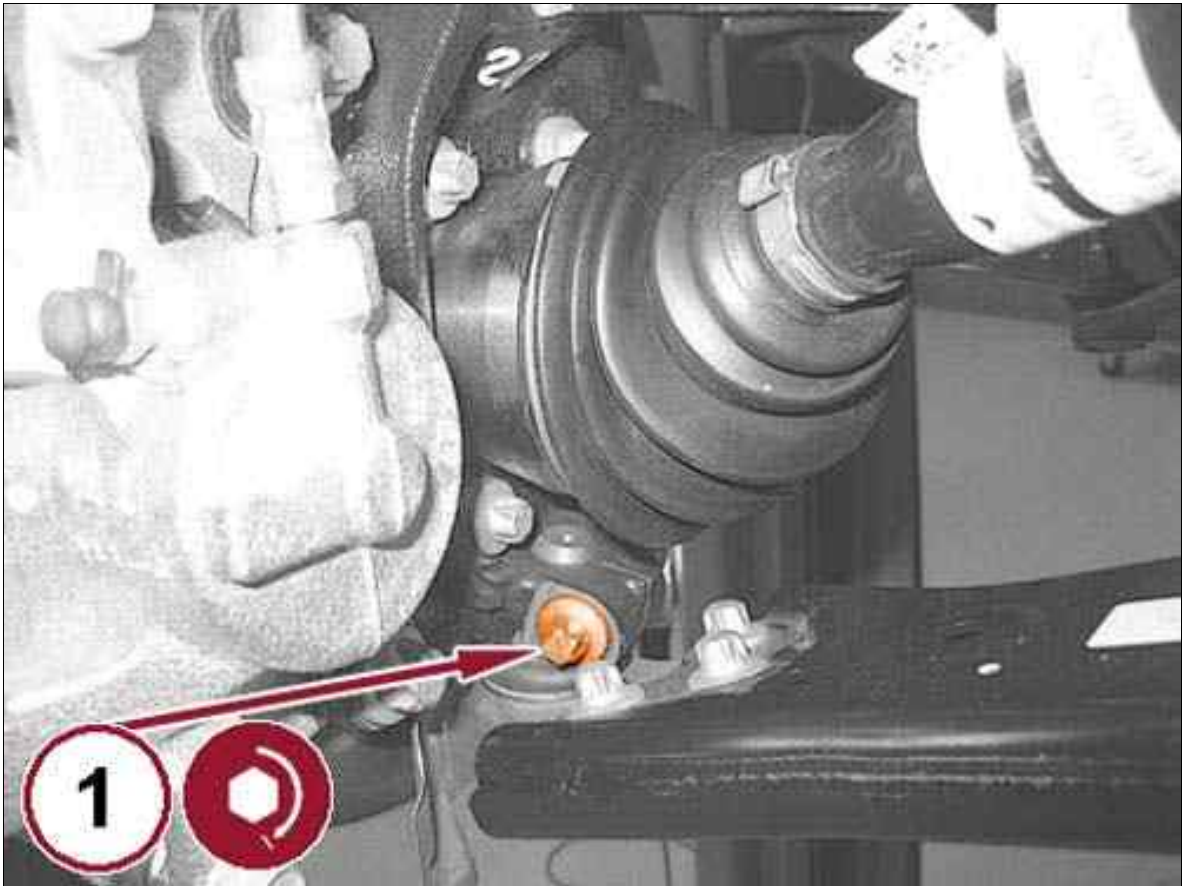
Fig 7: Lower Ball Joint Boot



Courtesy of CHRYSLER GROUP, LLC

14. Check the integrity of the lower ball joint boot (1).

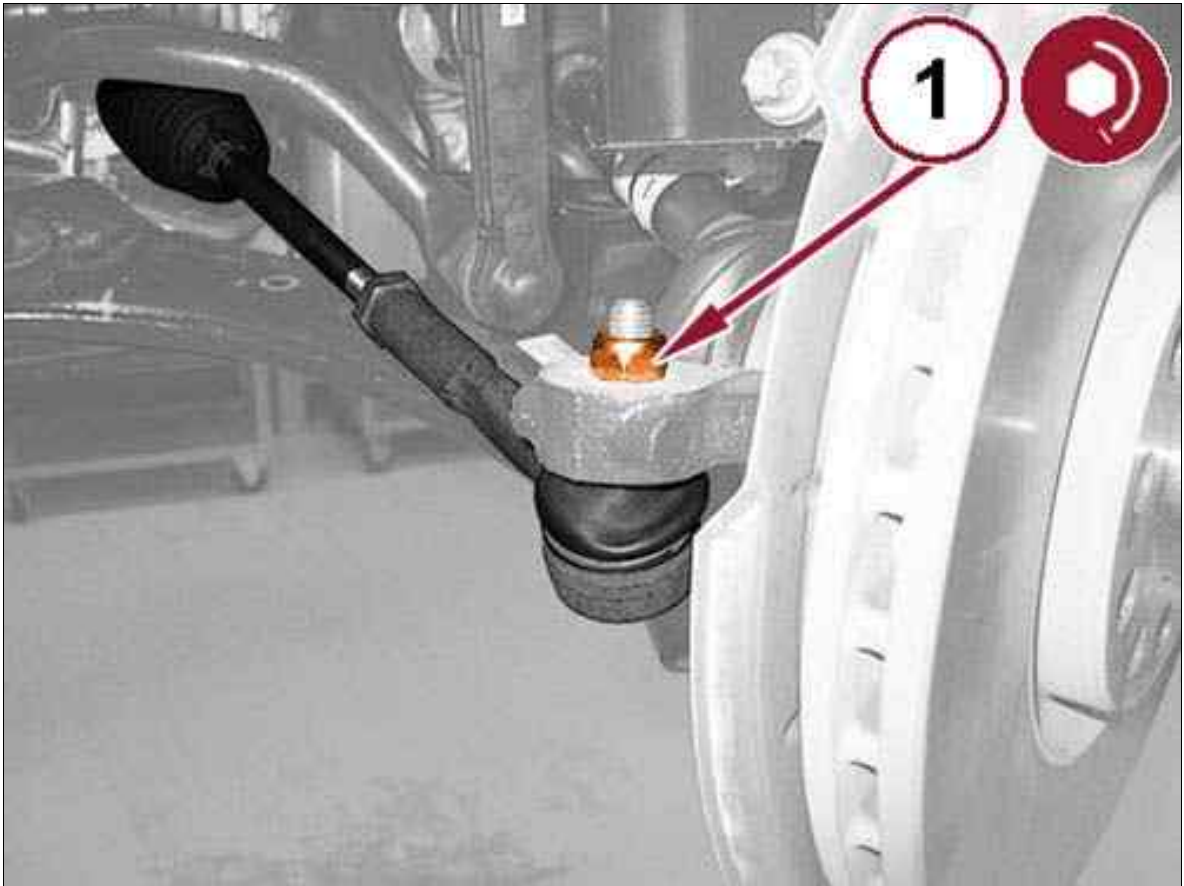
Fig 8: Wheel Swing Arm Bolt



Courtesy of CHRYSLER GROUP, LLC

15. Attach the lower control arms to the steering knuckles and tighten the bolts (1) to the proper specification. Refer to FRONT, SPECIFICATIONS .

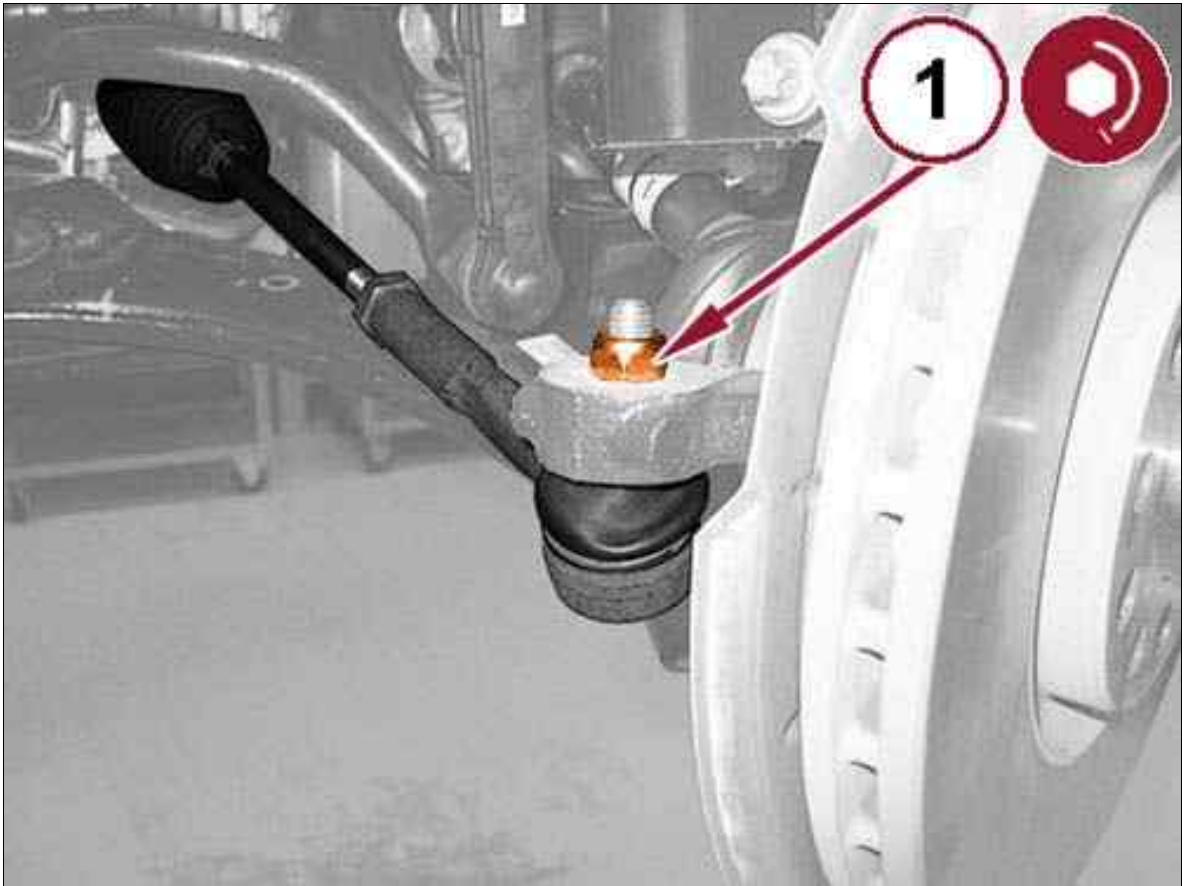
Fig 9: Outer Tie Rod End-To-Steering Knuckle Nut



Courtesy of CHRYSLER GROUP, LLC

16. Attach the lower control arms to the steering knuckles and tighten the bolts (1) to the proper specification. Refer to FRONT, SPECIFICATIONS .

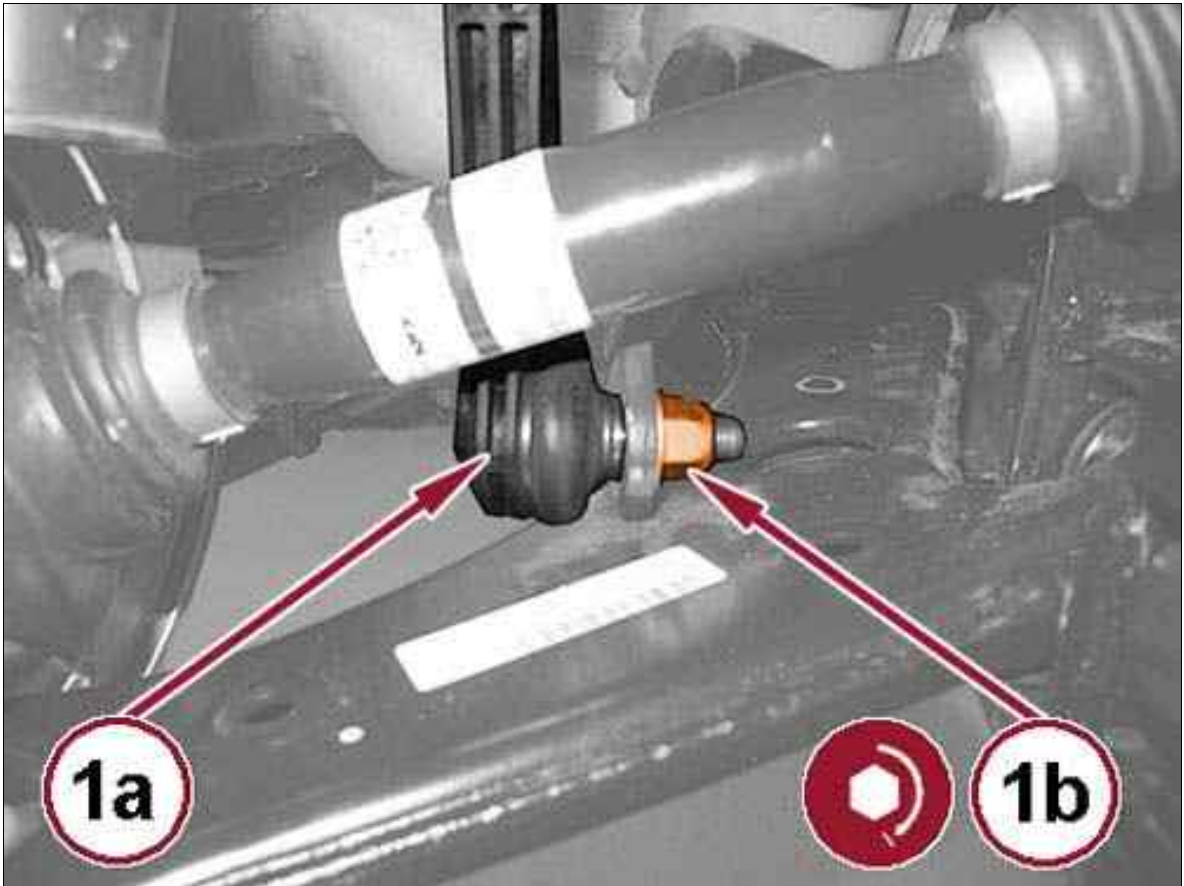
Fig 10: Outer Tie Rod End-To-Steering Knuckle Nut



Courtesy of CHRYSLER GROUP, LLC

17. Connect the outer tie rod ends to the steering knuckles and install new nuts (1).
18. Tighten the nuts to the proper specification. Refer to FRONT, SPECIFICATIONS .

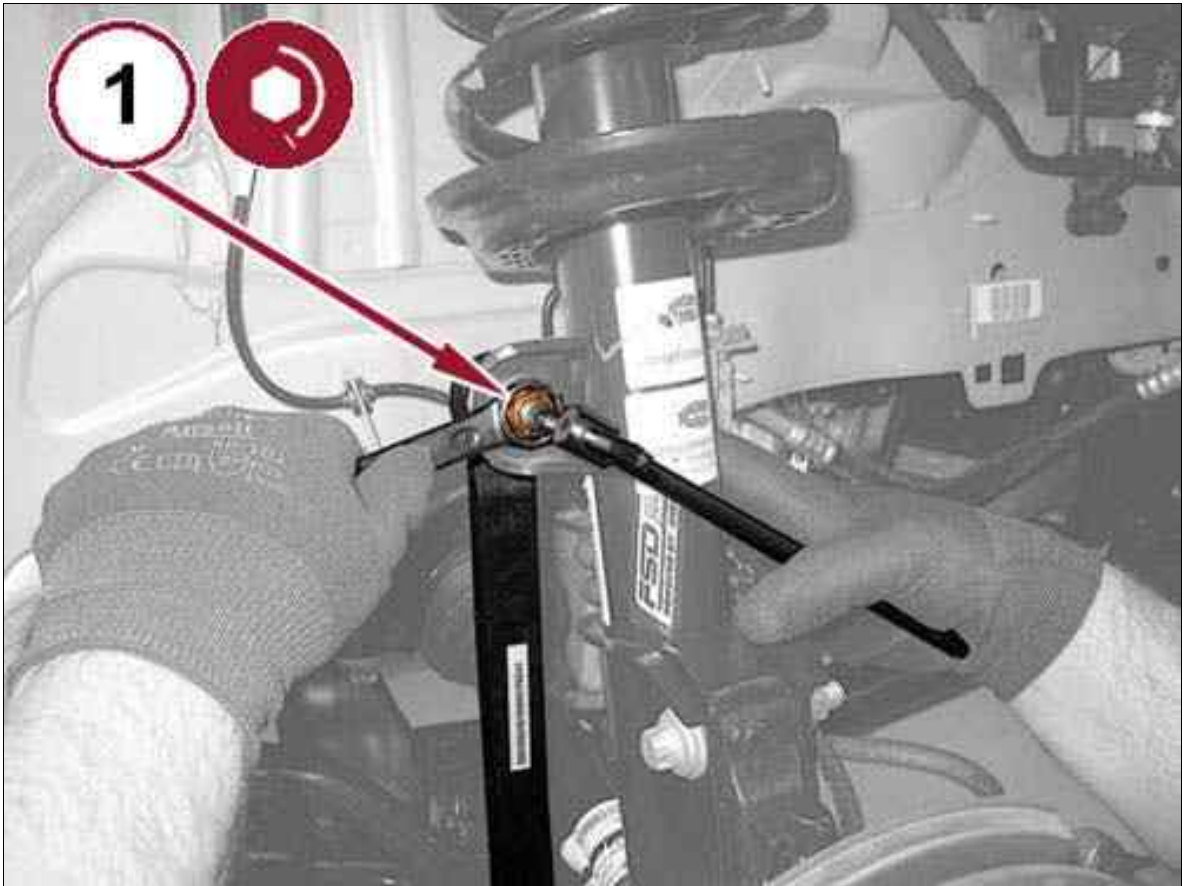
Fig 11: Stabilizer Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

19. Install the stabilizer links (1a) and install the nuts (1b).
20. Tighten the nuts to the proper specification. Refer to FRONT, SPECIFICATIONS .

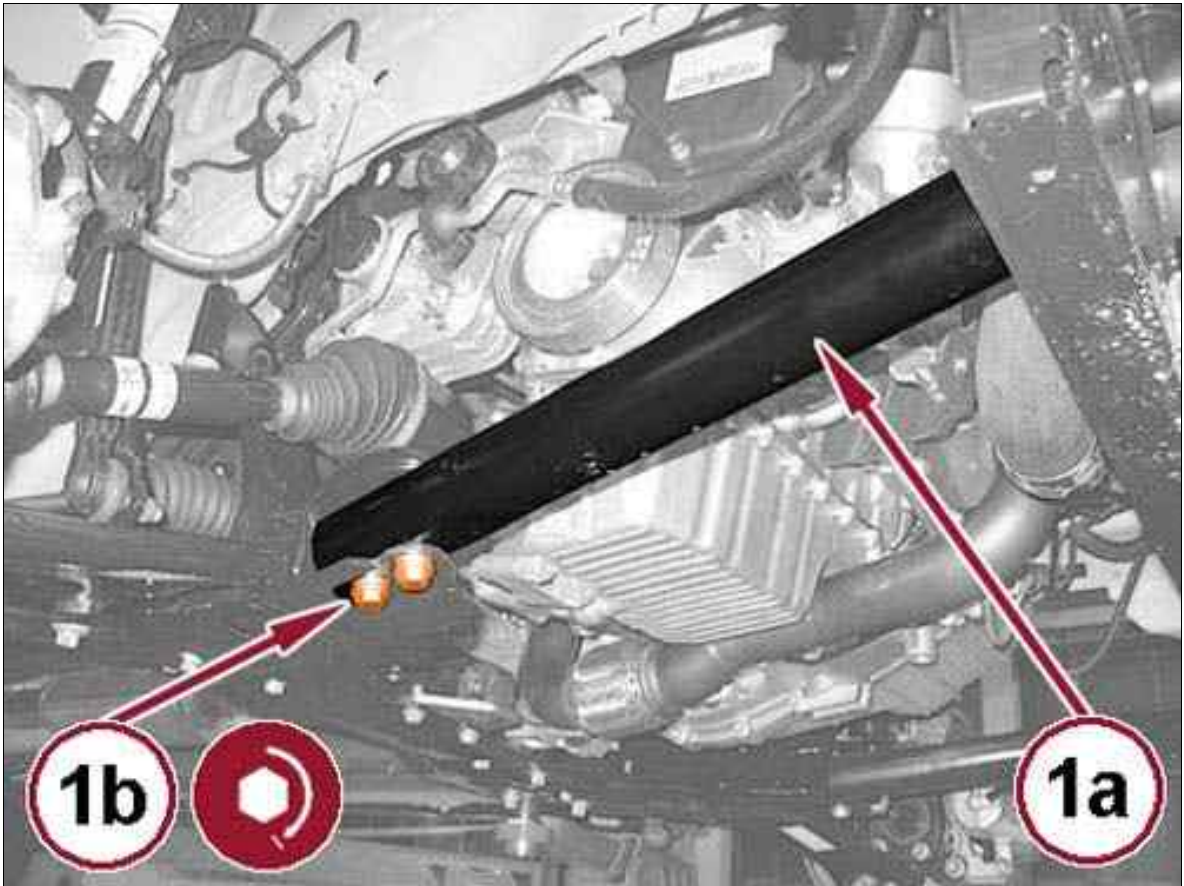
Fig 12: Stabilizer Bar Link Nut



Courtesy of CHRYSLER GROUP, LLC

21. Install the upper stabilizer nuts (1) and tighten to the proper specification. Refer to FRONT, SPECIFICATIONS .

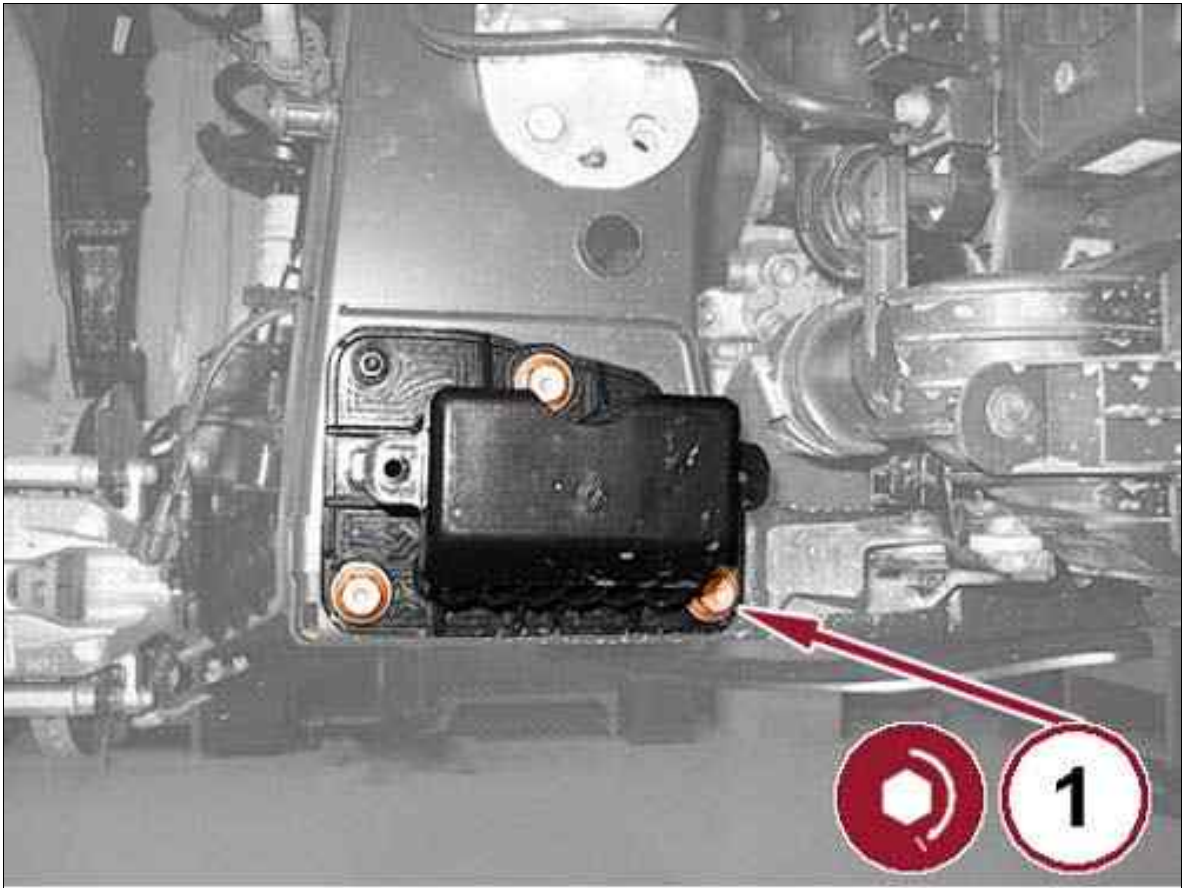
Fig 13: Lower Load Beam & Bolts



Courtesy of CHRYSLER GROUP, LLC

22. Install the lower load beams (1a) and install the bolts (1b).
23. Tighten the bolts to the proper specification. Refer to SPECIFICATIONS .

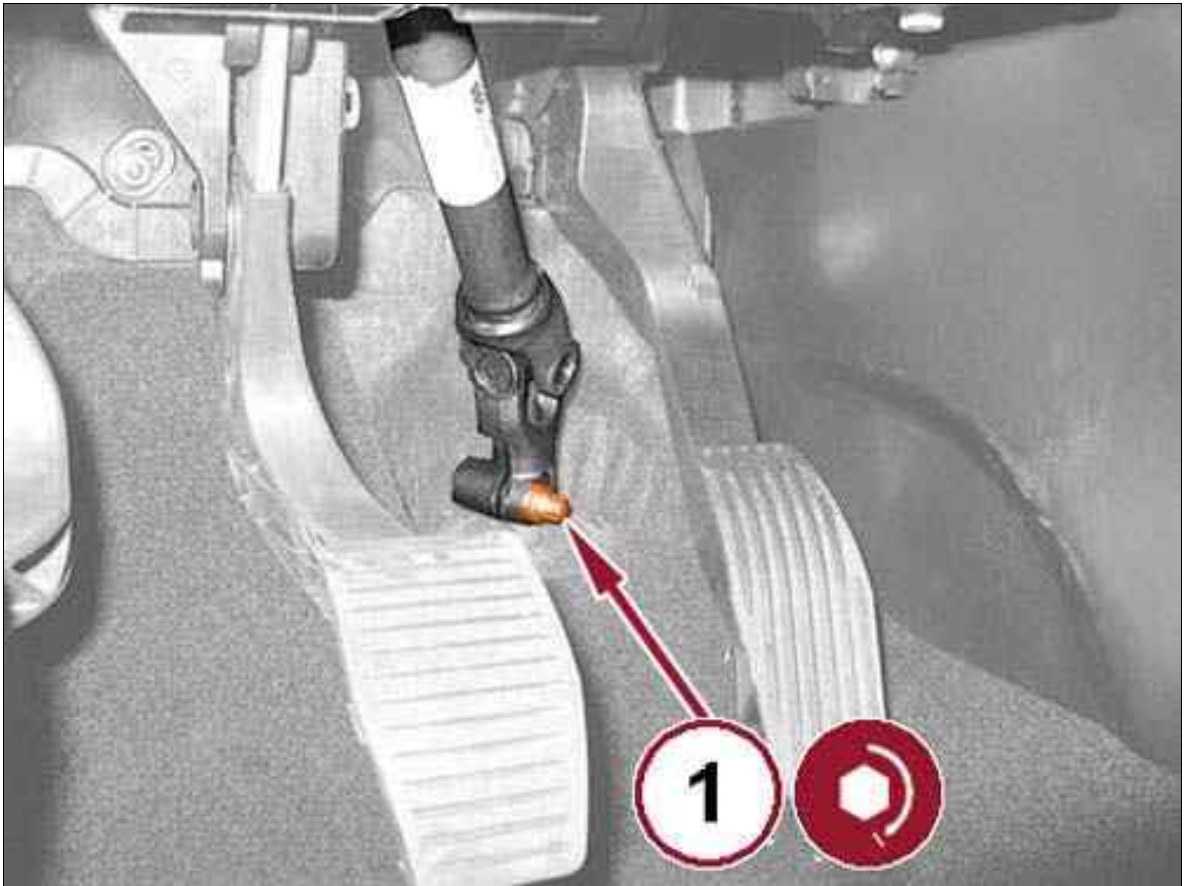
Fig 14: Bolt



Courtesy of CHRYSLER GROUP, LLC

24. Install the lower load beam extensions and install the bolts (1).
25. Tighten the bolts to the proper specification. Refer to SPECIFICATIONS .

Fig 15: Steering Column-To-Pinion Steering Box Screw

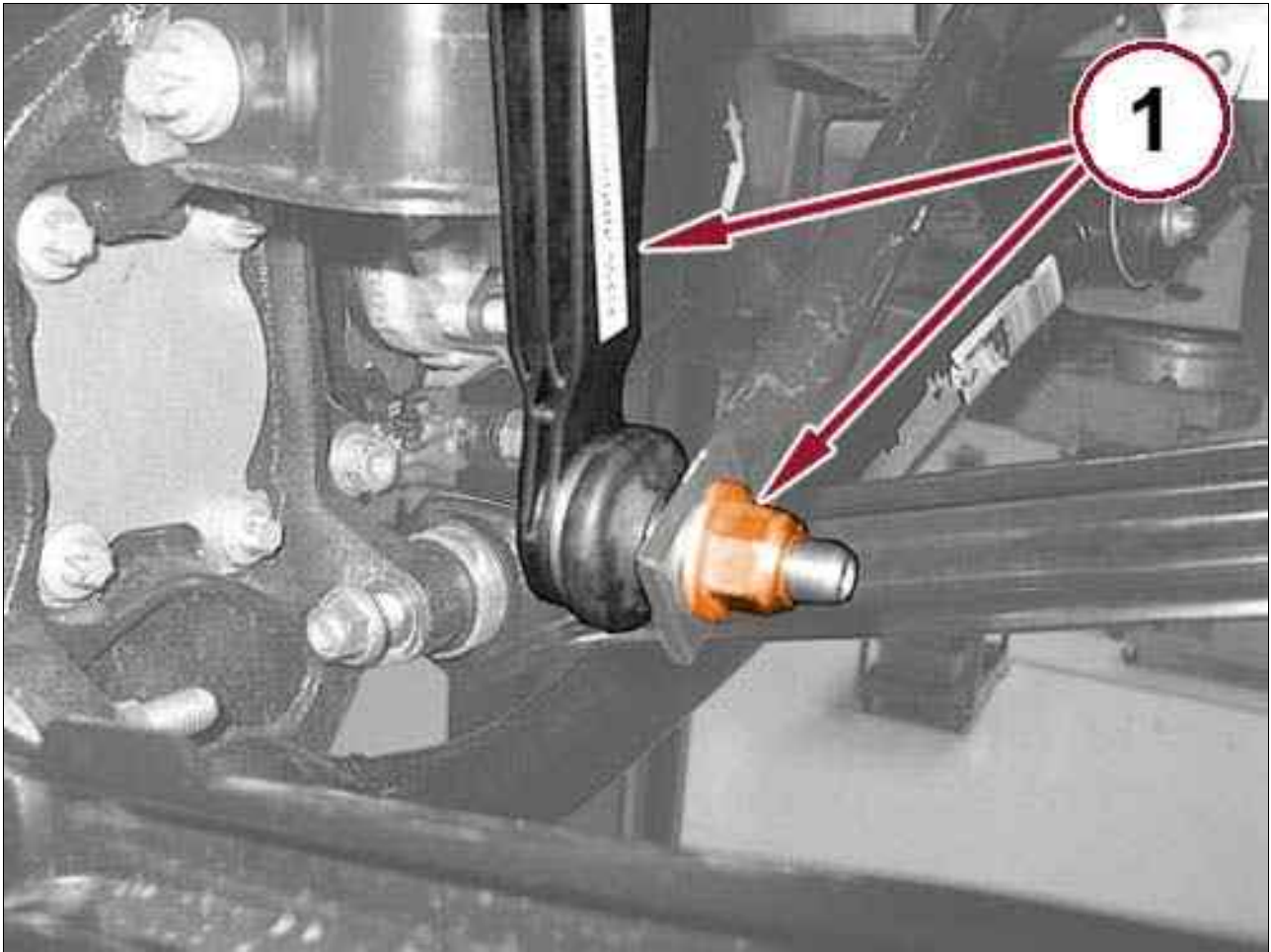


Courtesy of CHRYSLER GROUP, LLC

26. Install the steering shaft onto the steering gear and tighten the bolt (1) to the proper specification. Refer to SPECIFICATIONS .
27. Install the front fascia. Refer to FASCIA, FRONT, REMOVAL AND INSTALLATION .
28. Install the front wheelhouse splash shields. Refer to SHIELD, SPLASH, FRONT WHEELHOUSE, REMOVAL AND INSTALLATION .
29. Install the belly pan. Refer to BELLY PAN, REMOVAL AND INSTALLATION .
30. Install the front wheels. Refer to REMOVAL AND INSTALLATION .
31. Check and adjust alignment. Refer to WHEEL ALIGNMENT, STANDARD PROCEDURE .

**FRAME > CROSSMEMBER, REAR SUSPENSION > REMOVAL AND INSTALLATION >
2.4L MULTIAIR2, 1.4L TURBO MULTIAIR > REMOVAL - 4X2**

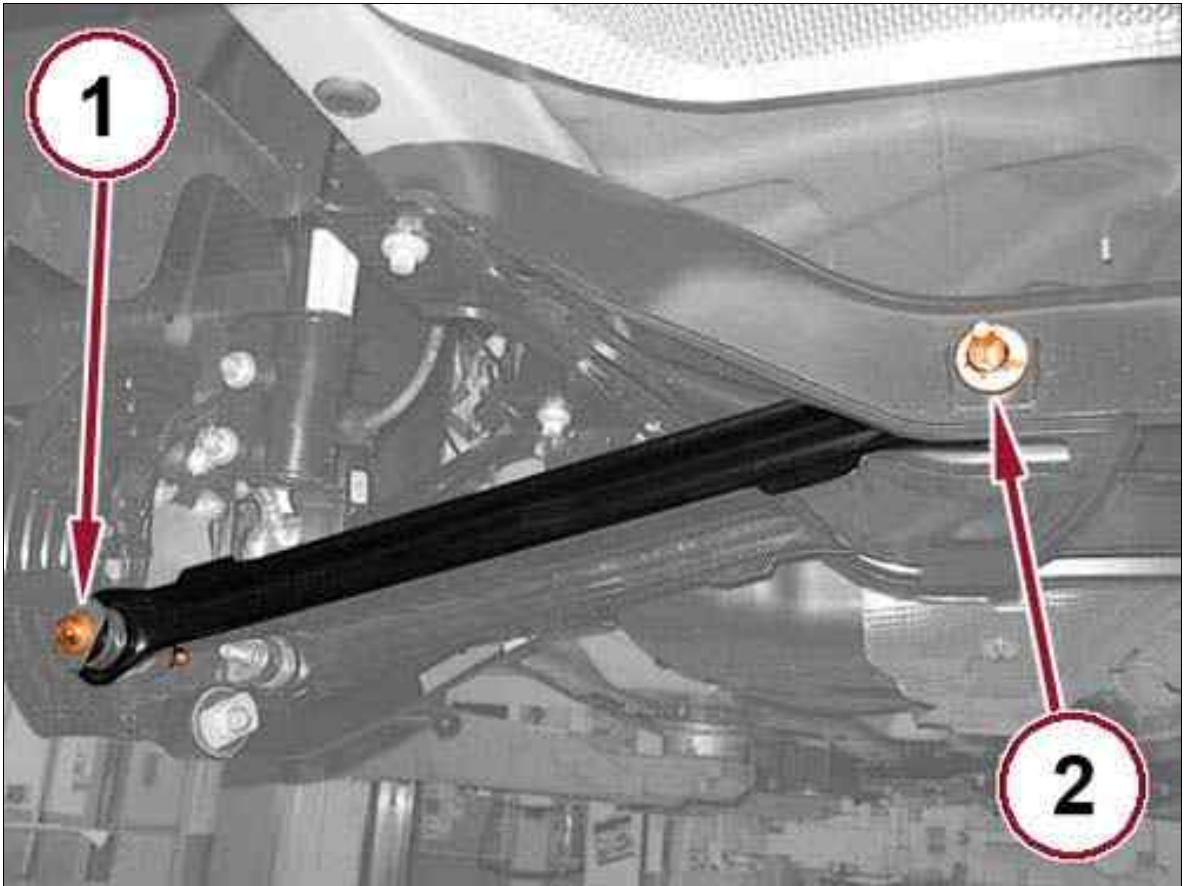
Fig 1: Sway Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. Remove the hub and bearing. Refer to HUB AND BEARING, REMOVAL AND INSTALLATION .
3. Remove the rear muffler. Refer to MUFFLER, EXHAUST, REMOVAL AND INSTALLATION .
4. Remove the nut (1) and disconnect the sway bar link from the stabilizer bar.
5. Proceed in the same way to disconnect the right side sway bar link from the stabilizer bar.

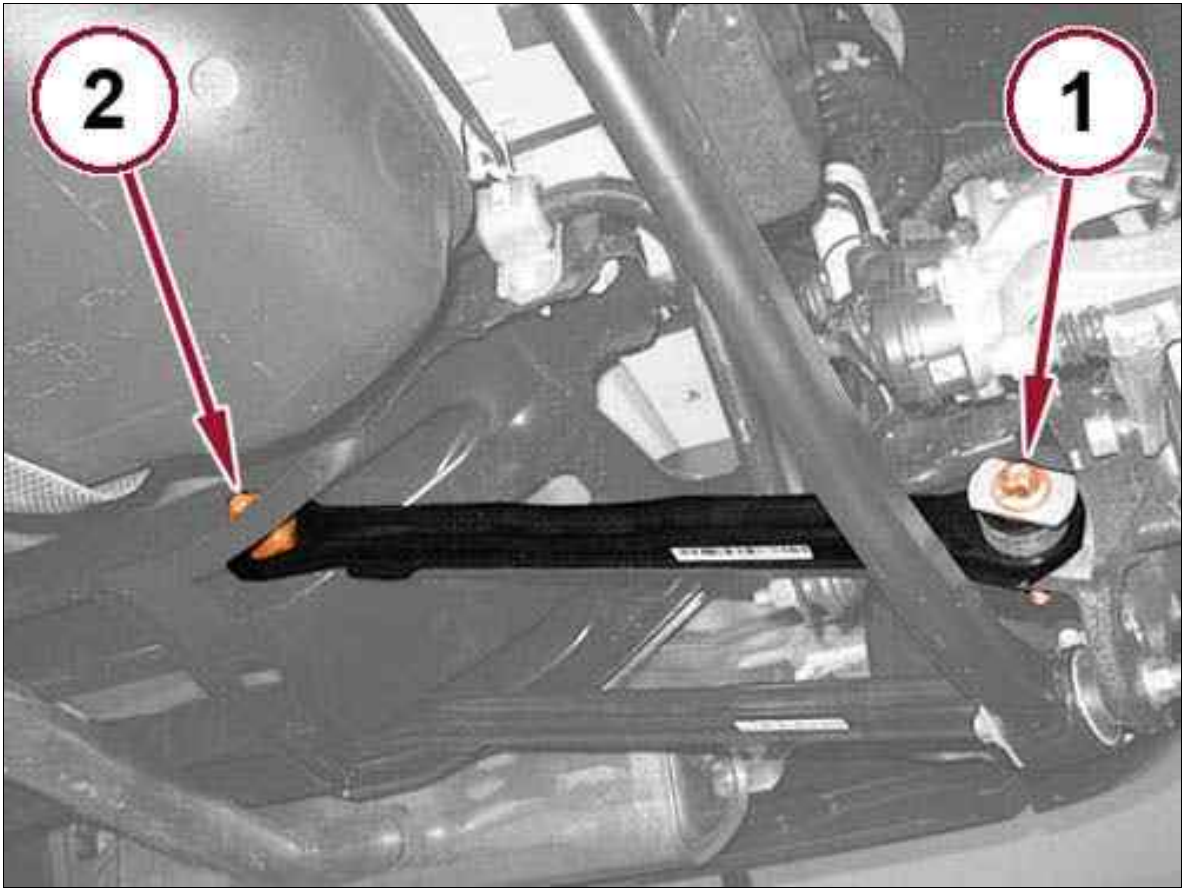
Fig 2: Left Rear Lower Control Arm Bolts



Courtesy of CHRYSLER GROUP, LLC

6. Remove the bolt (1) securing the left rear lower control arm to the rear knuckle.
7. Remove the bolt (2) securing the left rear lower control arm to the crossmember.
8. Remove the left rear lower control arm.
9. Proceed in the same way to disconnect the right side rear lower control arm from the crossmember.

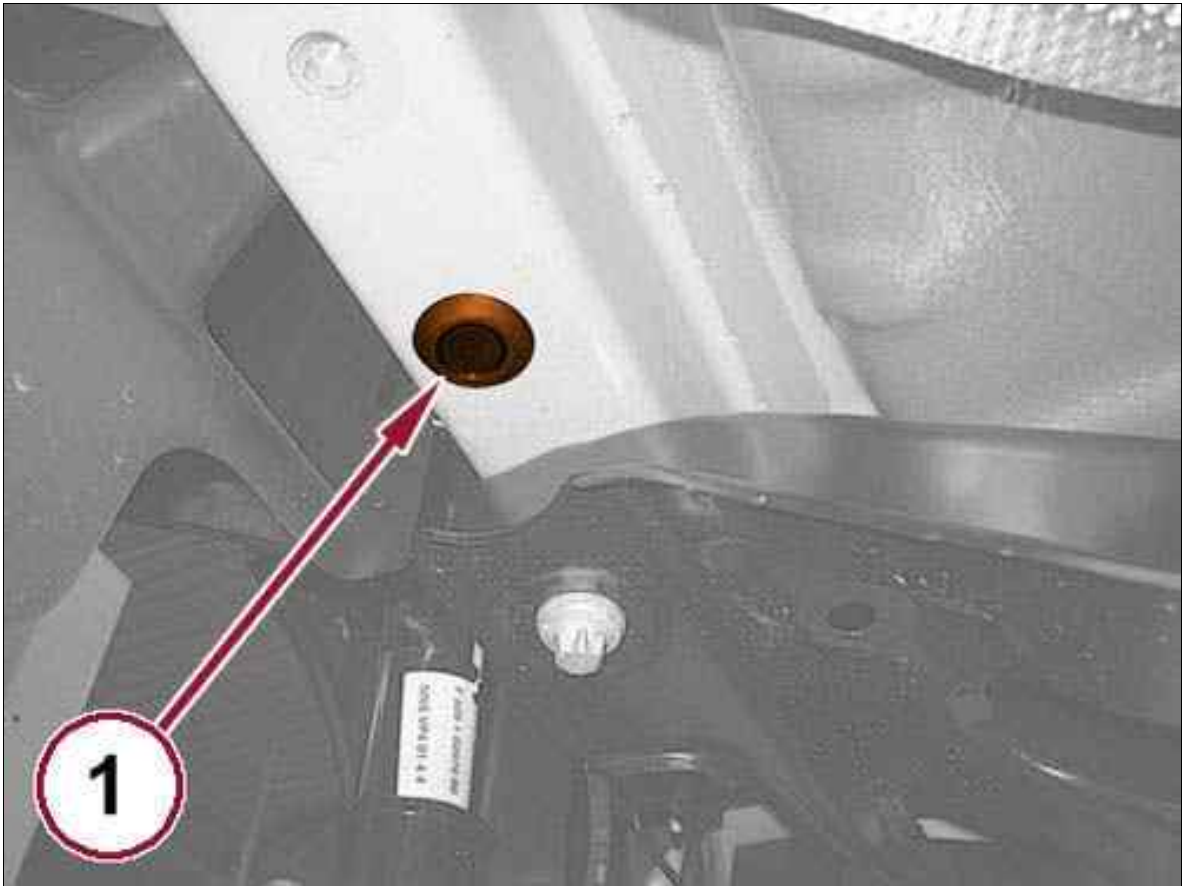
Fig 3: Left Front Lower Control Arm Bolts



Courtesy of CHRYSLER GROUP, LLC

10. Remove the bolt (1) securing the left front lower control arm to the rear knuckle.
11. Remove the bolt (2) securing the left front lower control arm to the crossmember.
12. Remove the left front lower control arm.
13. Proceed in the same way to remove the right side lower control arm.

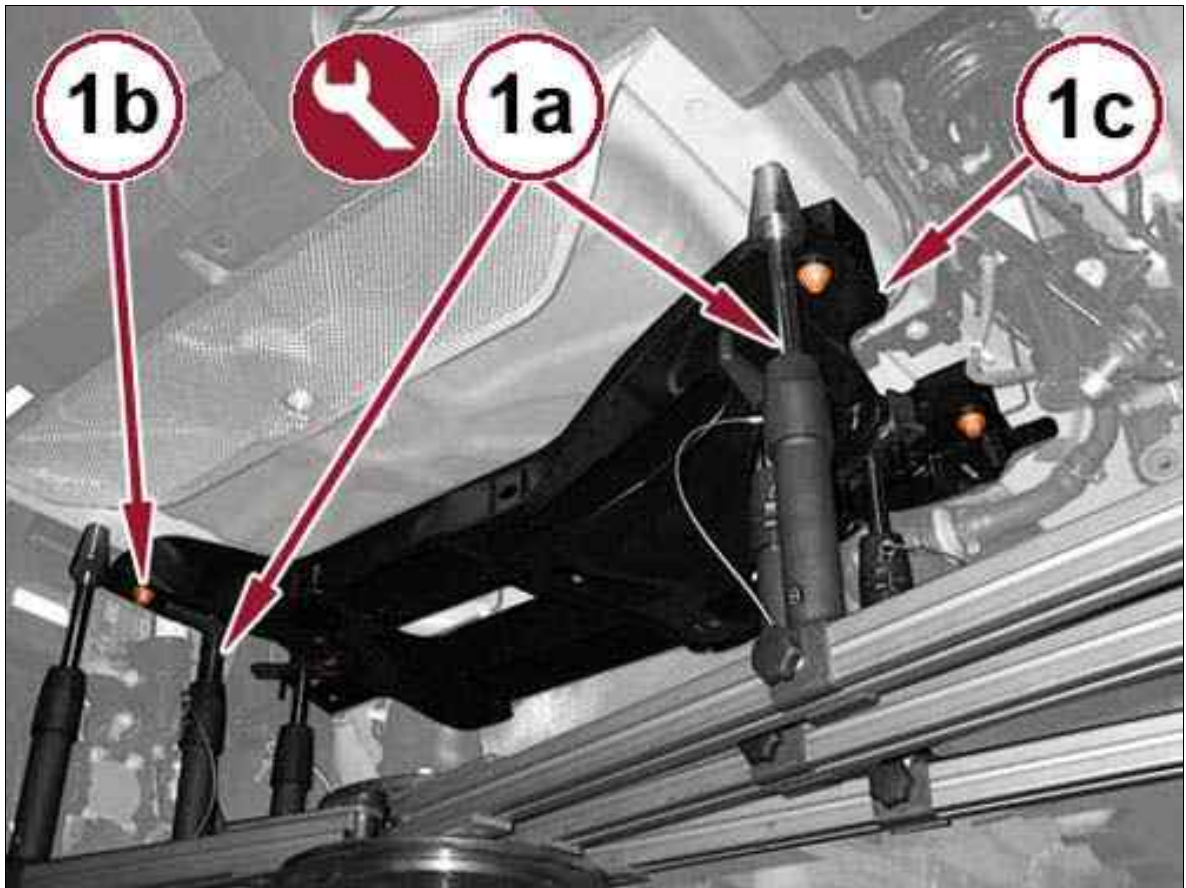
Fig 4: Cap



Courtesy of CHRYSLER GROUP, LLC

14. Remove the cap (1), left and right side to use the hole in the body for the location tool.

Fig 5: Tools, Bolt & Rear Suspension Crossmember



Courtesy of CHRYSLER GROUP, LLC

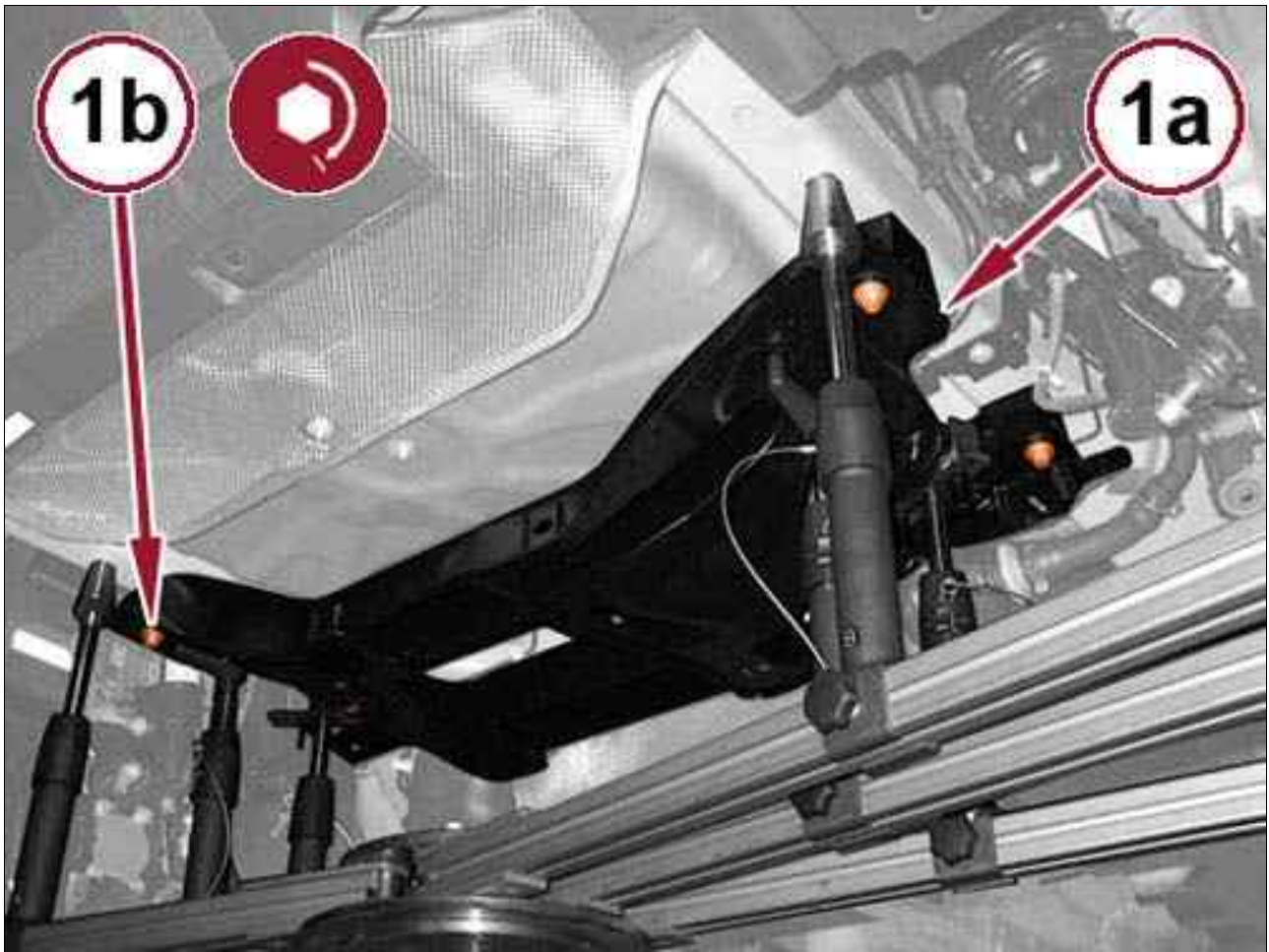
 NOTE:

The following step requires the use of universal tool #2000043000, body centering conical/round pin #2000043300, crossmember centering pin/bracket #2000043500 and crossmember centering pin #2000043600.

15. Position the tool (1a) as indicated in the illustration, remove the bolts (1b) and remove the rear suspension crossmember (1c).

**FRAME > CROSSMEMBER, REAR SUSPENSION > REMOVAL AND INSTALLATION >
2.4L MULTIAIR2, 1.4L TURBO MULTIAIR > INSTALLATION 4X2**

Fig 1: Tools, Bolt & Rear Suspension Crossmember



Courtesy of CHRYSLER GROUP, LLC

1. With the tools used for removal, position the rear suspension crossmember (1a) and tighten the bolts (1b) to the proper specification. Refer to SPECIFICATIONS .
2. Remove the tools and install the caps in the holes on the body, on the right and left side.
3. Position the lower control arms, left side, and loosely install the bolts to the crossmember and rear knuckle.

Fig 2: Wheel Speed Sensor & Screw



Courtesy of CHRYSLER GROUP, LLC

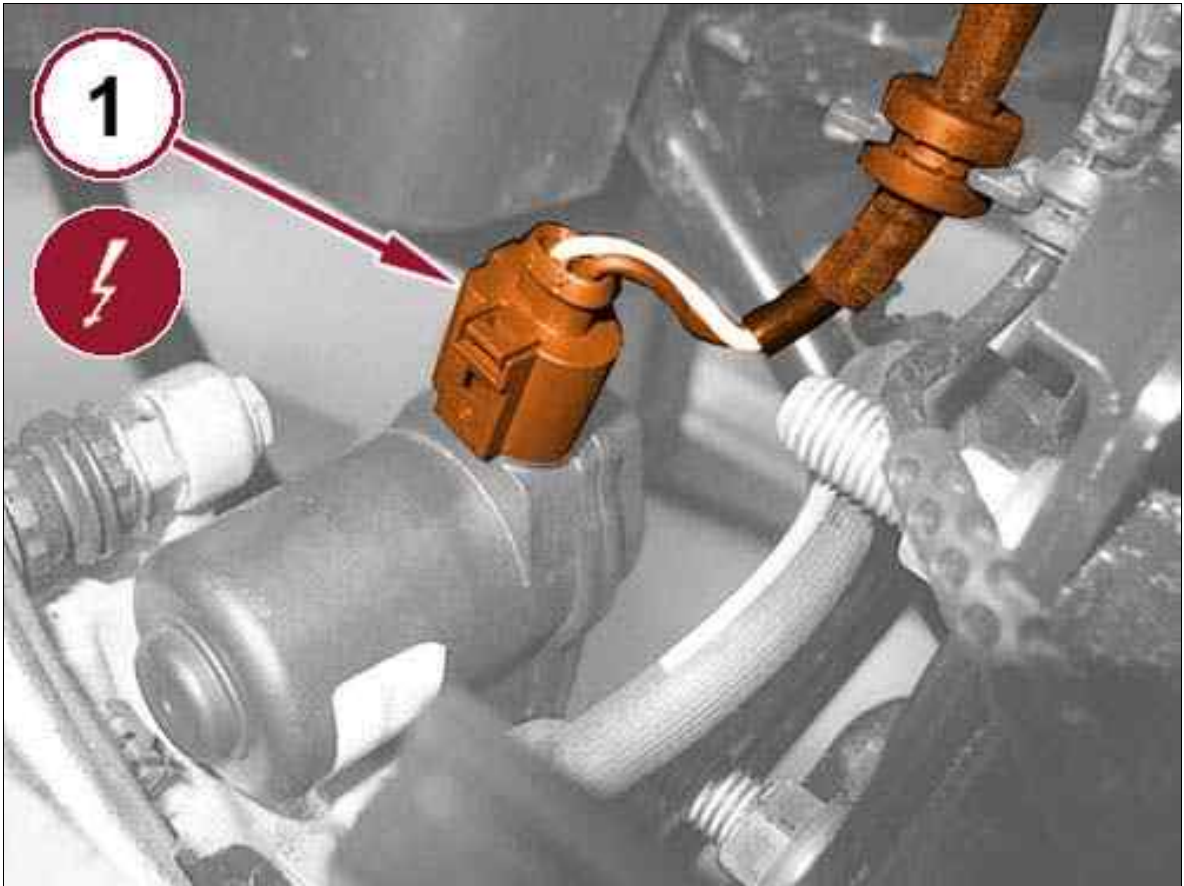


NOTE:

Be certain the wheel speed sensor does not approach any magnetic fields.

4. On the left side, remove the screw and wheel speed sensor (1) from the knuckle.

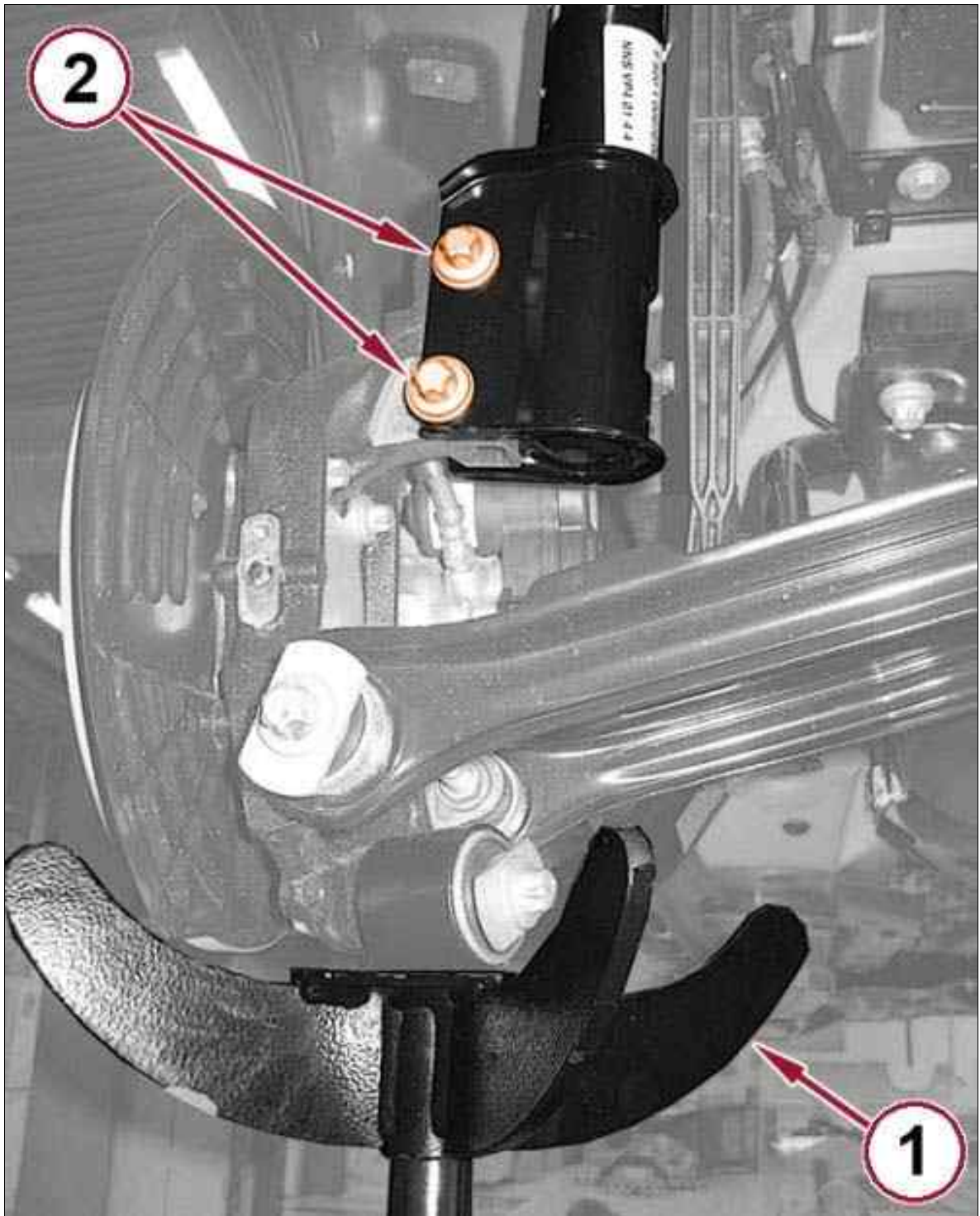
Fig 3: Electrical Connection



Courtesy of CHRYSLER GROUP, LLC

5. Disconnect the electrical connection (1) for the electric parking brake electromechanical actuator on the break caliper.

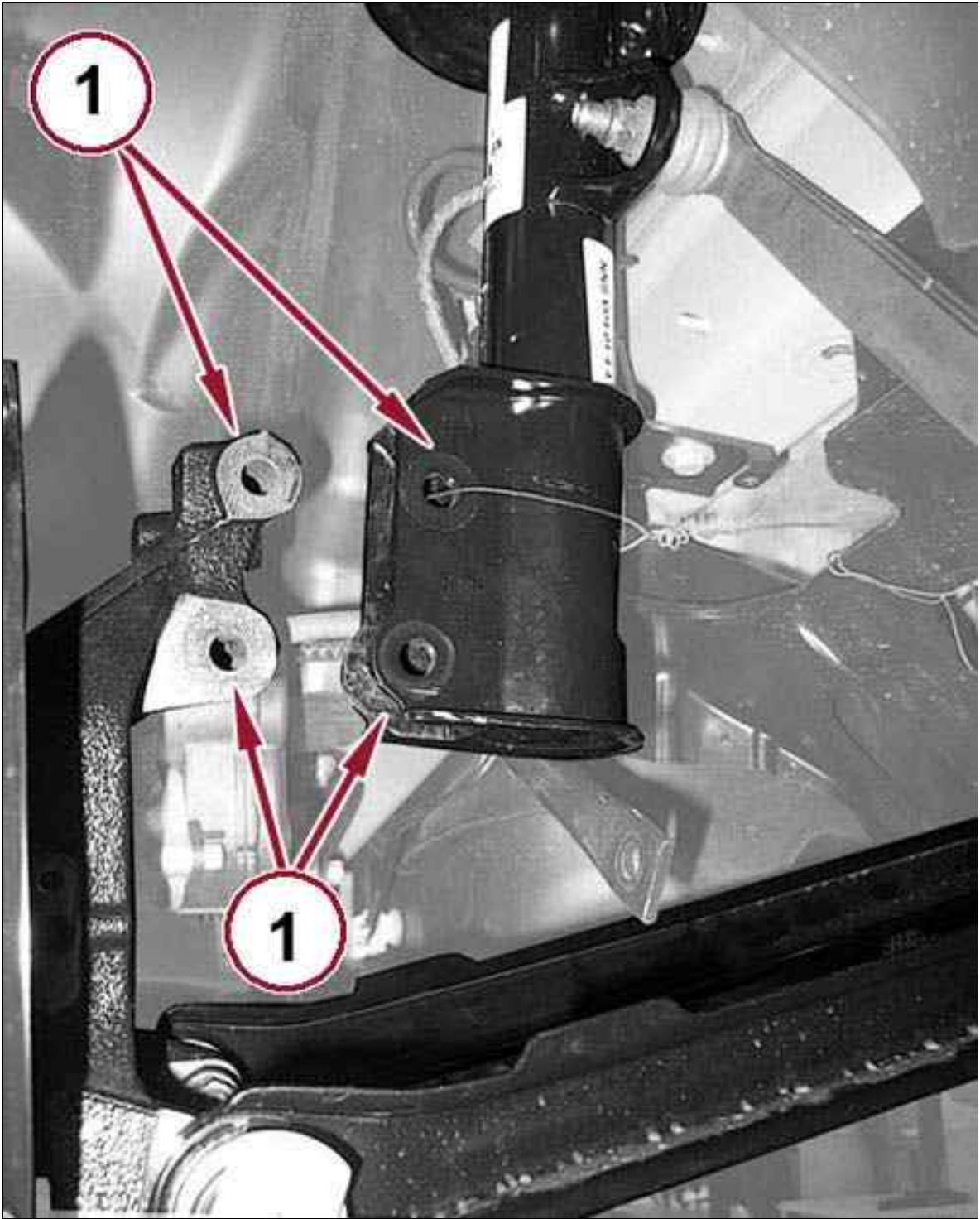
Fig 4: Hydraulic Lift & Bolts



Courtesy of CHRYSLER GROUP, LLC

6. Place a suitable hydraulic lift (1) under the rear knuckle.
7. Remove the bolts (2) securing the rear strut to the rear knuckle.

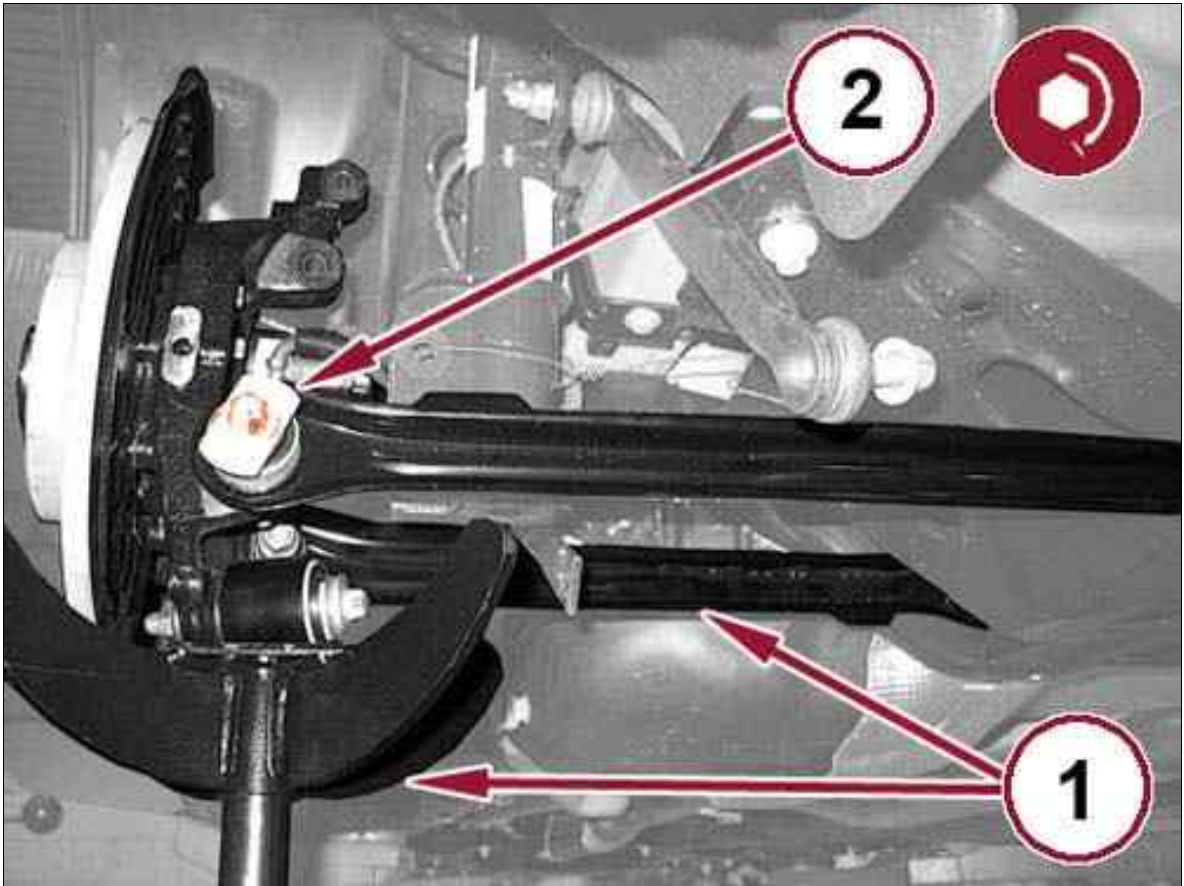
Fig 5: Rear Knuckle & Strut Holes



Courtesy of CHRYSLER GROUP, LLC

8. Lower the hydraulic lift, in order to secure the rear strut to the suspension crossmember as appropriate so as to move the lower part of the rear strut away from the rear knuckle (1).
9. Use the hydraulic lift to make sure that the mounting holes for the rear knuckle correspond to the holes of the rear strut.

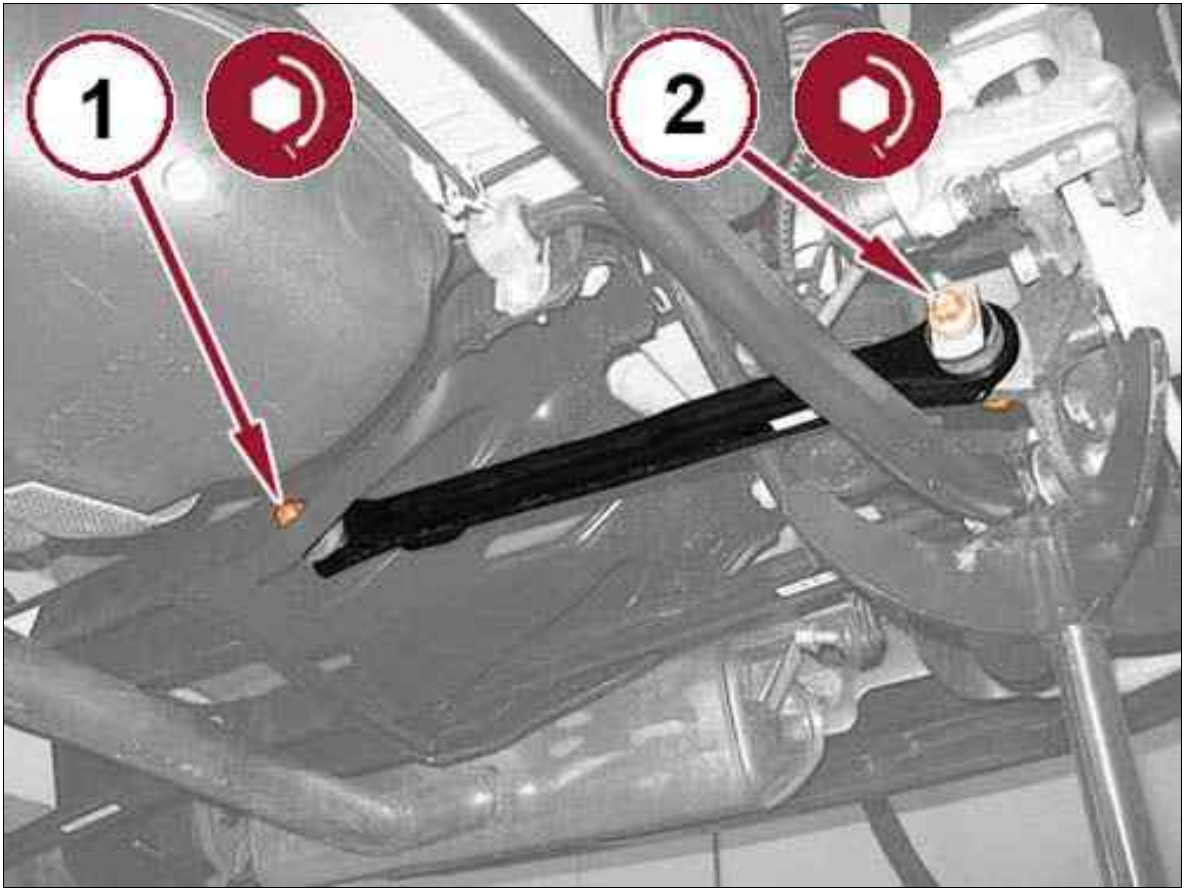
Fig 6: Hydraulic Lift & Bolts



Courtesy of CHRYSLER GROUP, LLC

10. Use the hydraulic lift (1) to raise the rear knuckle by about 95 mm (2.5 in).
11. Tighten the bolt (2) attaching the rear lower control arm to the rear knuckle to the proper specification. Refer to SPECIFICATIONS .
12. The bolt securing the rear lower control arm to the crossmember will be tightened to torque specification during the toe-in alignment.

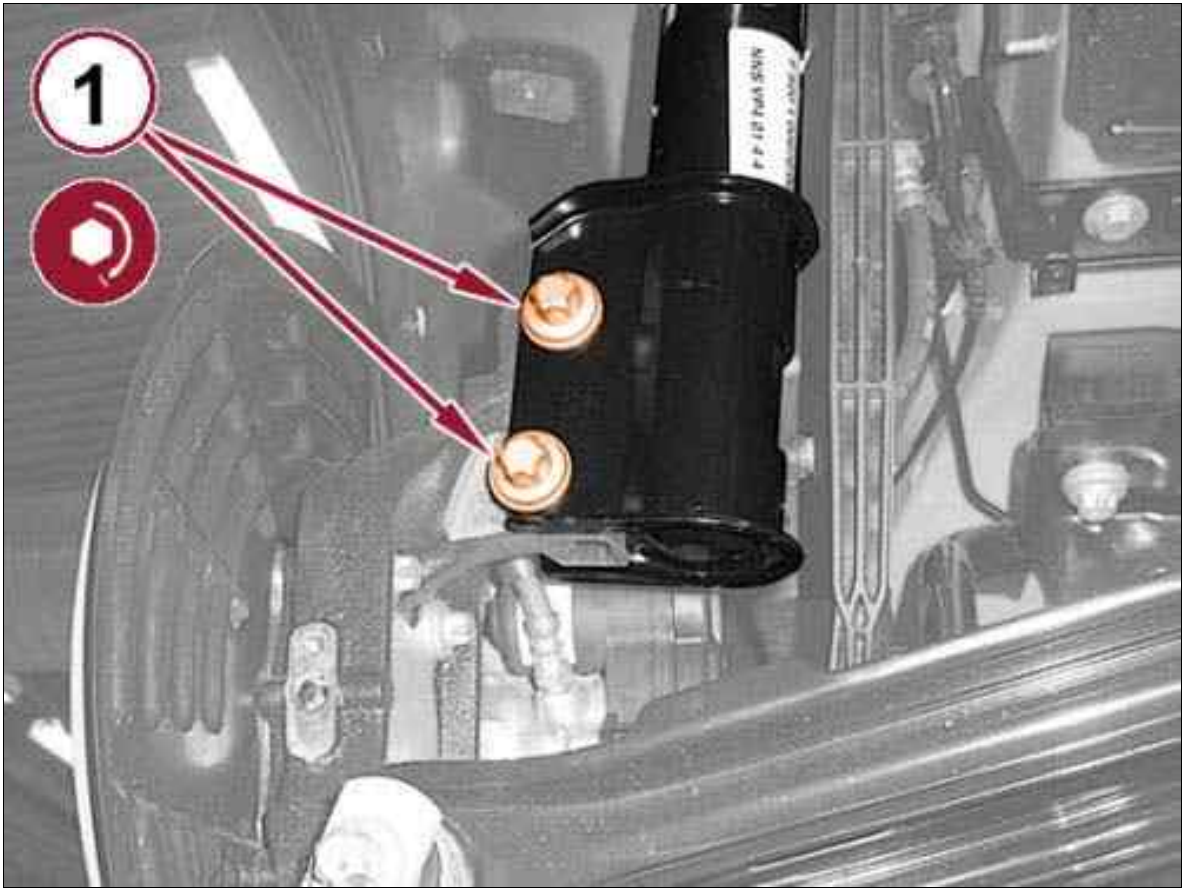
Fig 7: Front Rear Lower Control Arm Bolts



Courtesy of CHRYSLER GROUP, LLC

13. Tighten the bolt (1) securing the front rear lower control arm to the front of the rear suspension crossmember to the proper specification. Refer to SPECIFICATIONS .
14. Tighten the bolt (2) securing the front rear lower control arm to the rear knuckle to the proper specification. Refer to SPECIFICATIONS .

Fig 8: Rear Strut-To-Rear Knuckle Bolts



Courtesy of CHRYSLER GROUP, LLC

15. Turn the hydraulic lift to lower the rear knuckle to align it to the mounting holes on the rear strut and insert the bolts.
16. Remove the hydraulic lift.
17. Tighten the rear strut to rear knuckle bolts to proper specification. Refer to SPECIFICATIONS .

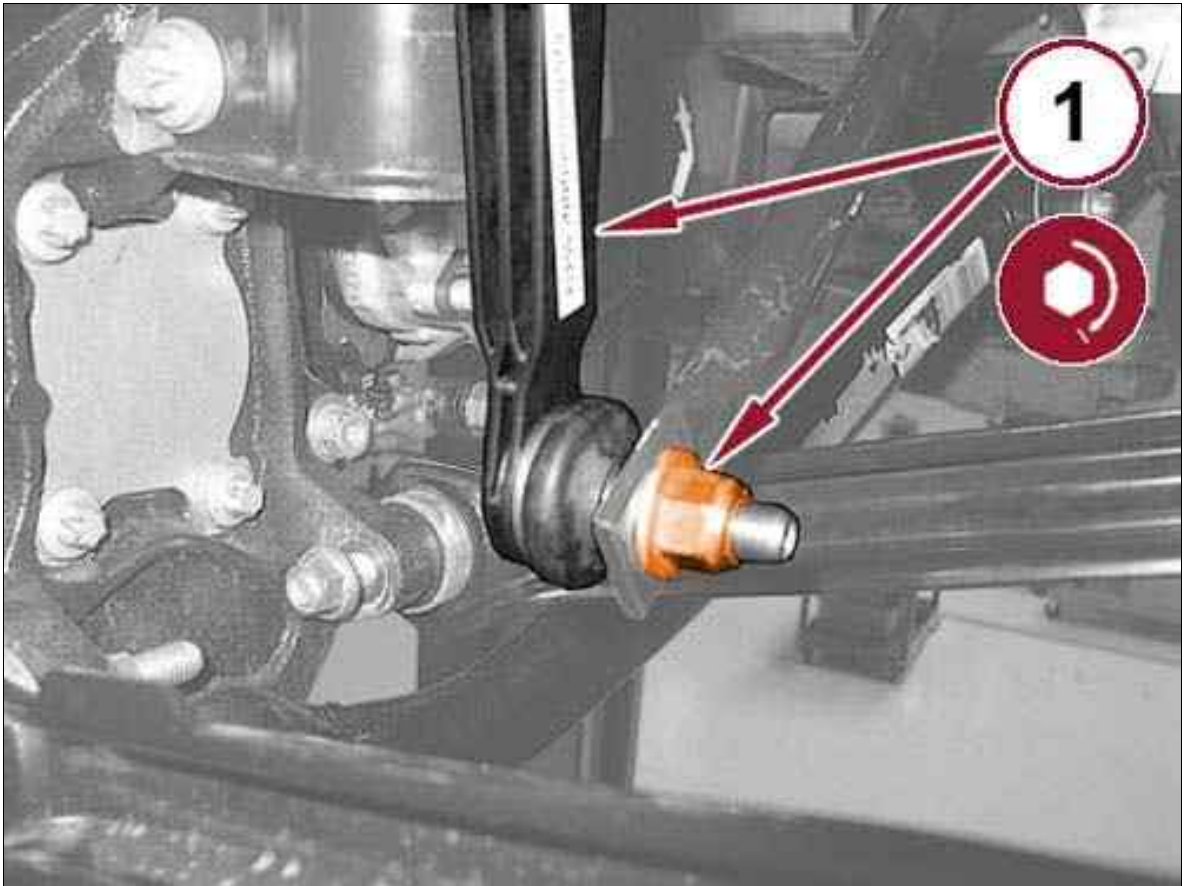
Fig 9: Wheel Speed Sensor & Screw



Courtesy of CHRYSLER GROUP, LLC

18. Connect the electrical connection for the electric parking brake electromechanical actuator on the brake caliper.
19. Position the wheel speed sensor on the left side and insert the screw. Tighten the wheel speed sensor screw to the proper specification. Refer to SPECIFICATIONS .
20. Proceed in the same way to install the lower control arms on the right side.

Fig 10: Sway Bar Link & Nut



Courtesy of CHRYSLER GROUP, LLC

21. Connect the sway bar link to the stabilizer bar and install a new nut to the proper specification. Refer to SPECIFICATIONS .
22. Proceed in the same way to install the sway bar link to the stabilizer bar.
23. Install the rear muffler. Refer to MUFFLER, EXHAUST, REMOVAL AND INSTALLATION .
24. Install the hub and bearing. Refer to HUB AND BEARING, REMOVAL AND INSTALLATION .
25. Perform wheel alignment. Refer to WHEEL ALIGNMENT, STANDARD PROCEDURE .
26. Remove the support and lower the vehicle.

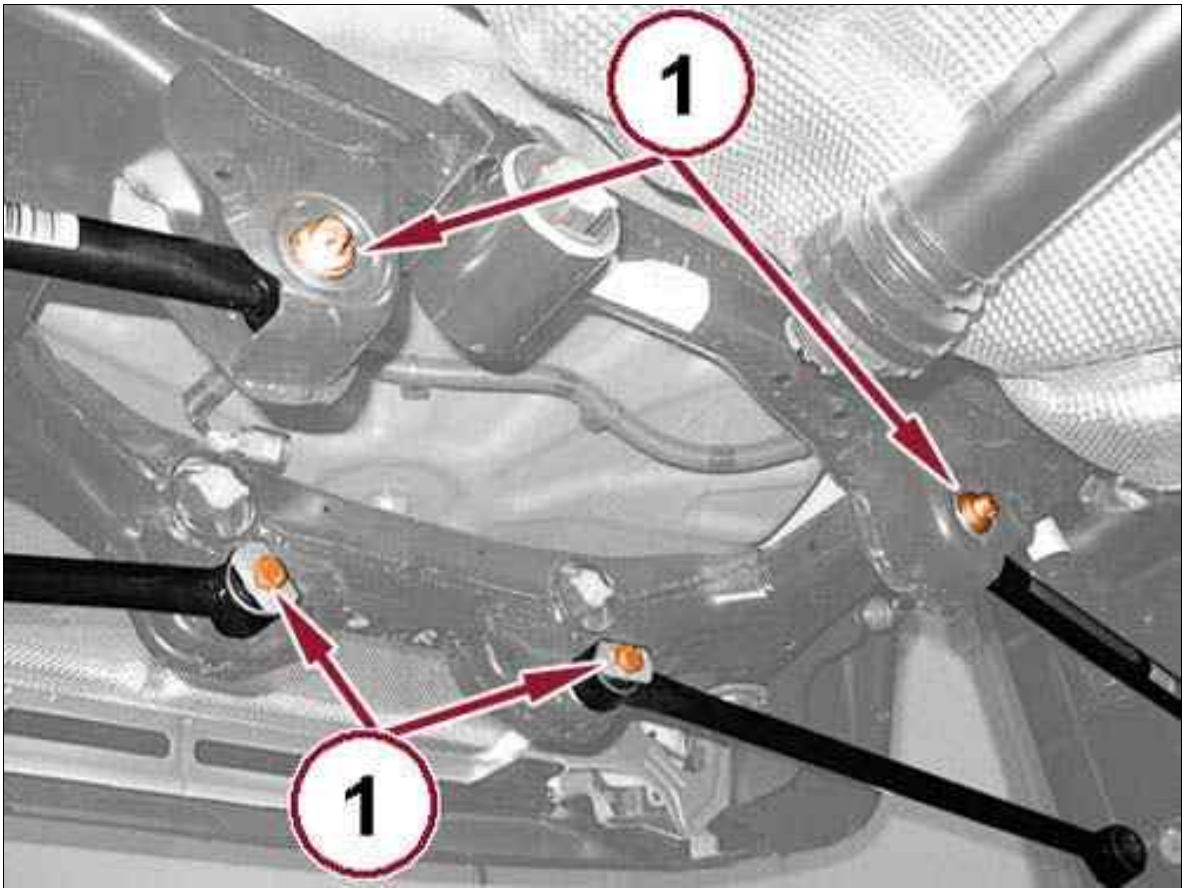
FRAME > CROSSMEMBER, REAR SUSPENSION > REMOVAL AND INSTALLATION > 4X4 > REMOVAL - 4X4

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. Remove the rear muffler. Refer to MUFFLER, EXHAUST, REMOVAL AND INSTALLATION .
3. Remove both rear tires and wheels. Refer to REMOVAL AND INSTALLATION .
4. Remove the rear brake hose. Refer to TUBES AND HOSES, BRAKE, REMOVAL AND

INSTALLATION .

5. Remove rear disc brakes. Refer to CALIPER, DISC BRAKE, REAR, REMOVAL AND INSTALLATION .
6. Remove the rear suspension knuckle with hub and bearings. Refer to KNUCKLE, REAR, REMOVAL AND INSTALLATION .
7. Remove the rear halfshafts Refer to REMOVAL AND INSTALLATION .
8. Remove the rear stabilizer bar. Refer to STABILIZER BAR, REAR SUSPENSION, REMOVAL AND INSTALLATION .
9. Remove the rear drive line module. Refer to REMOVAL AND INSTALLATION .

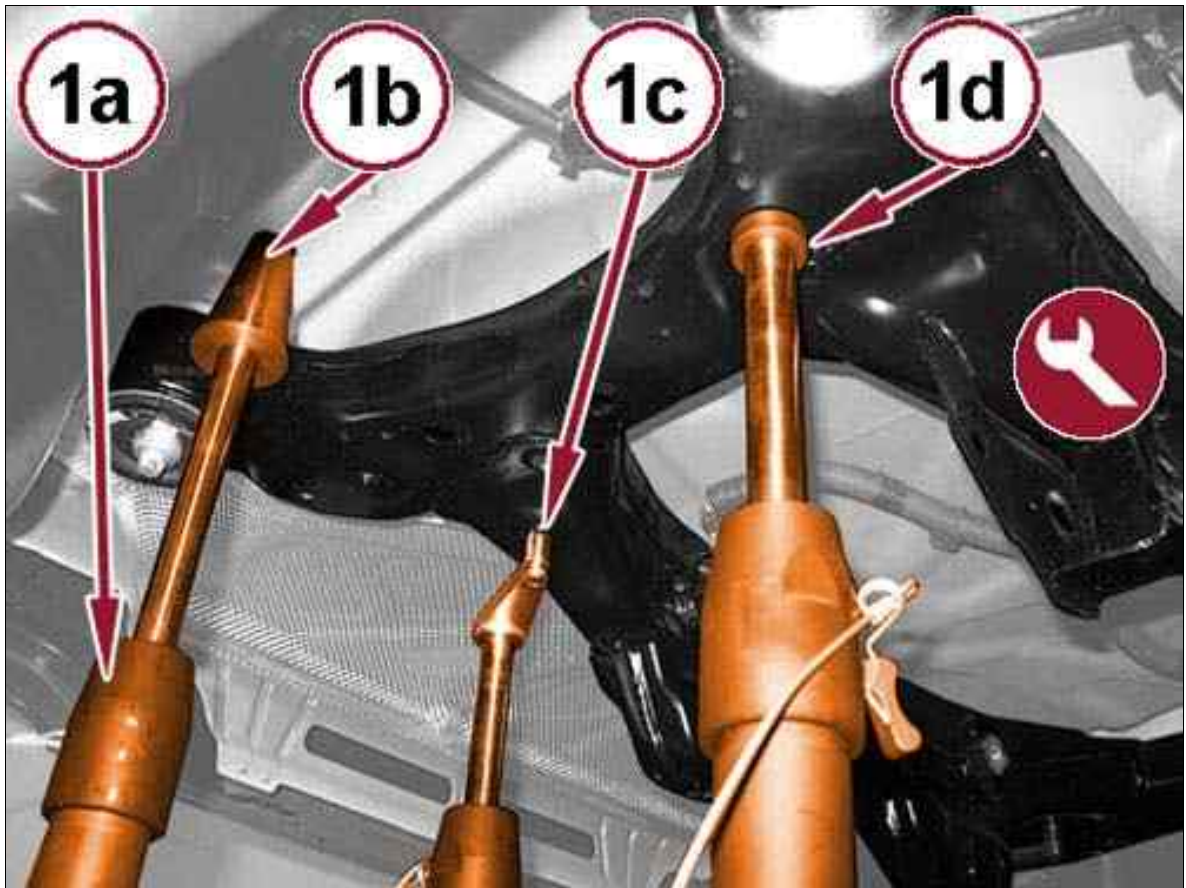
Fig 1: Rear Suspension Control Arms & Bolts



Courtesy of CHRYSLER GROUP, LLC

10. Remove the bolts (1) and remove the rear suspension control arms.

Fig 2: Supporting Rear Suspension Crossmember



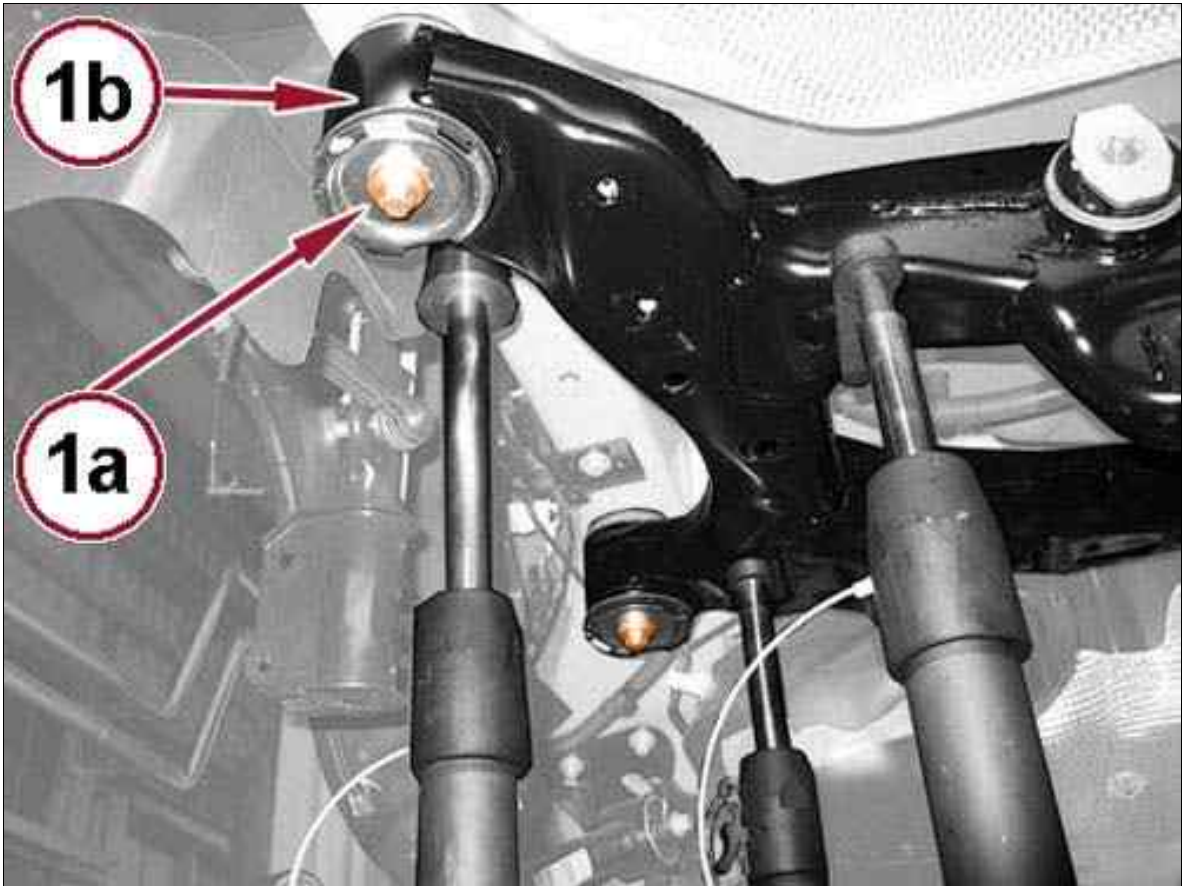
Courtesy of CHRYSLER GROUP, LLC

 NOTE:

The following step requires the use of universal tool 2000043000, body centering conical/round pin 2000043300, crossmember centering pin/bracket 2000043500 and crossmember centering pin 2000043600

11. Using a suitable hydraulic lift, support the rear suspension crossmember with the tools (1a, 1b, 1c and 1d), as shown in the illustration.

Fig 3: Rear Suspension Crossmember & Bolt

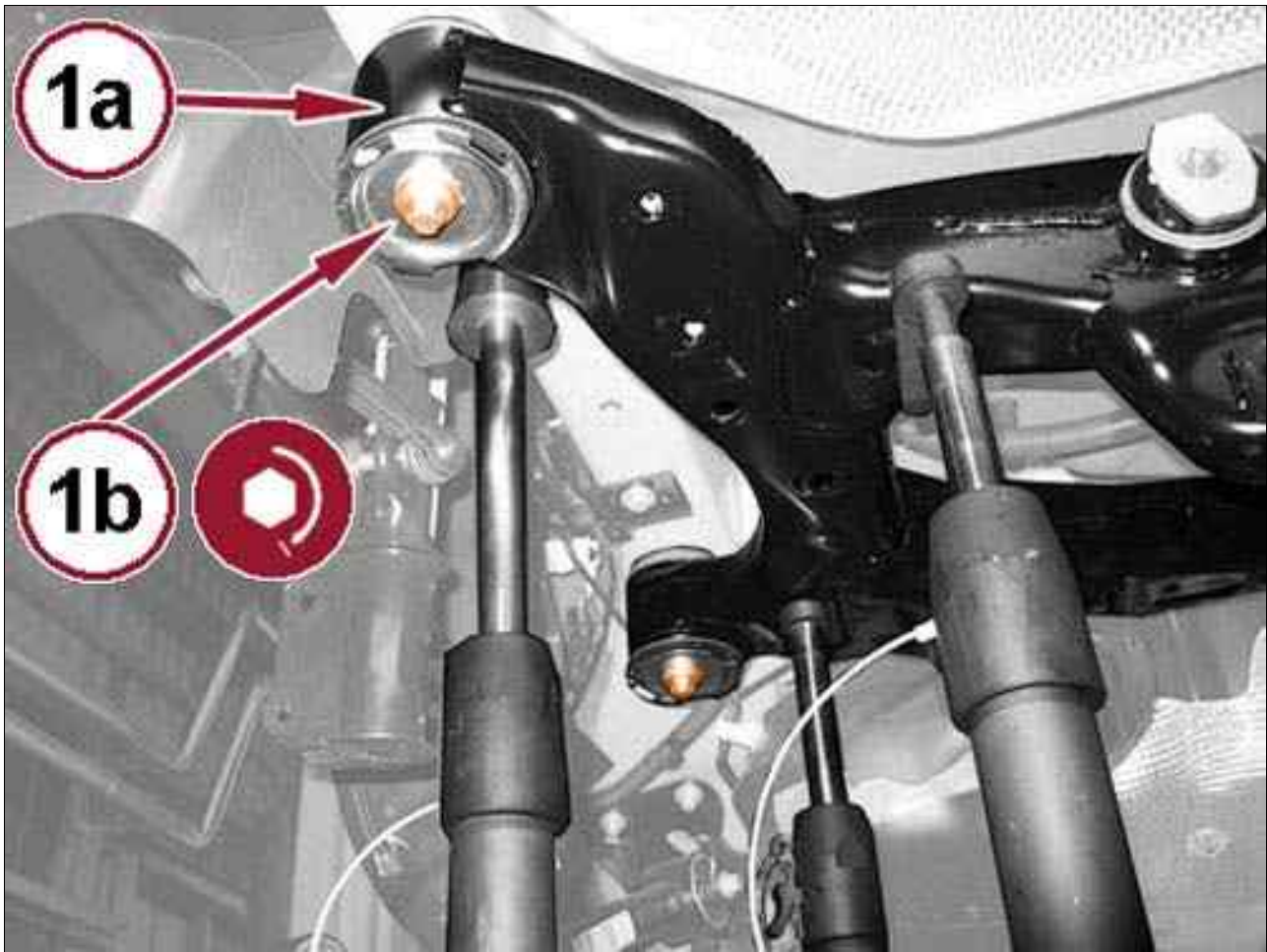


Courtesy of CHRYSLER GROUP, LLC

12. Remove the bolts (1a) and remove the rear suspension crossmember (1b).

**FRAME > CROSSMEMBER, REAR SUSPENSION > REMOVAL AND INSTALLATION >
4X4 > INSTALLATION 4X4**

Fig 1: Rear Suspension Crossmember & Bolt



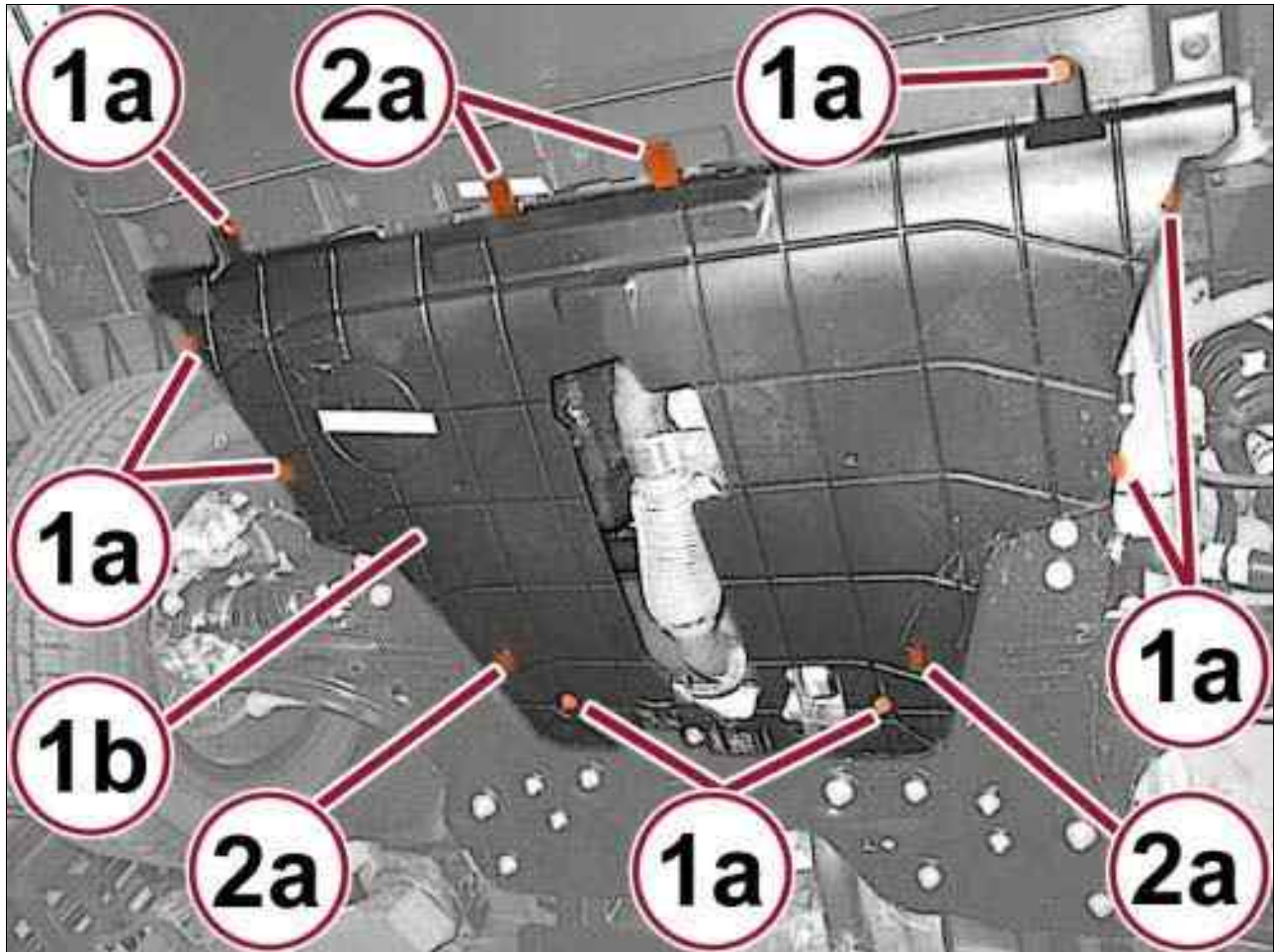
Courtesy of CHRYSLER GROUP, LLC

1. With the tools used for removal, position the rear suspension crossmember (1a) and tighten the bolts (1b) to the proper specification. Refer to SPECIFICATIONS .
2. Remove the hydraulic lift complete with tools.
3. Install the rear suspension control arms but do not tighten the fasteners at this time.
4. Install the rear drive line module. Refer to REMOVAL AND INSTALLATION .
5. Install the rear stabilizer bar. Refer to STABILIZER BAR, REAR SUSPENSION, REMOVAL AND INSTALLATION .
6. Install the rear halfshafts Refer to REMOVAL AND INSTALLATION .
7. Install the rear suspension knuckle with hub and bearings. Refer to KNUCKLE, REAR, REMOVAL AND INSTALLATION .
8. Install rear disc brakes. Refer to CALIPER, DISC BRAKE, REAR, REMOVAL AND INSTALLATION .
9. Install the rear brake hose. Refer to TUBES AND HOSES, BRAKE, REMOVAL AND INSTALLATION .

10. Install both rear tires and wheels. Refer to REMOVAL AND INSTALLATION .
11. Install the rear muffler. Refer to MUFFLER, EXHAUST, REMOVAL AND INSTALLATION .
12. Remove the support and lower the vehicle.

UNDER BODY PROTECTION > BELLY PAN > REMOVAL AND INSTALLATION > REMOVAL AND INSTALLATION > 1.4L MULTIAIR TURBO, 1.6L TURBO DIESEL

Fig 1: Belly Pan, Retainers & Screws



Courtesy of CHRYSLER GROUP, LLC

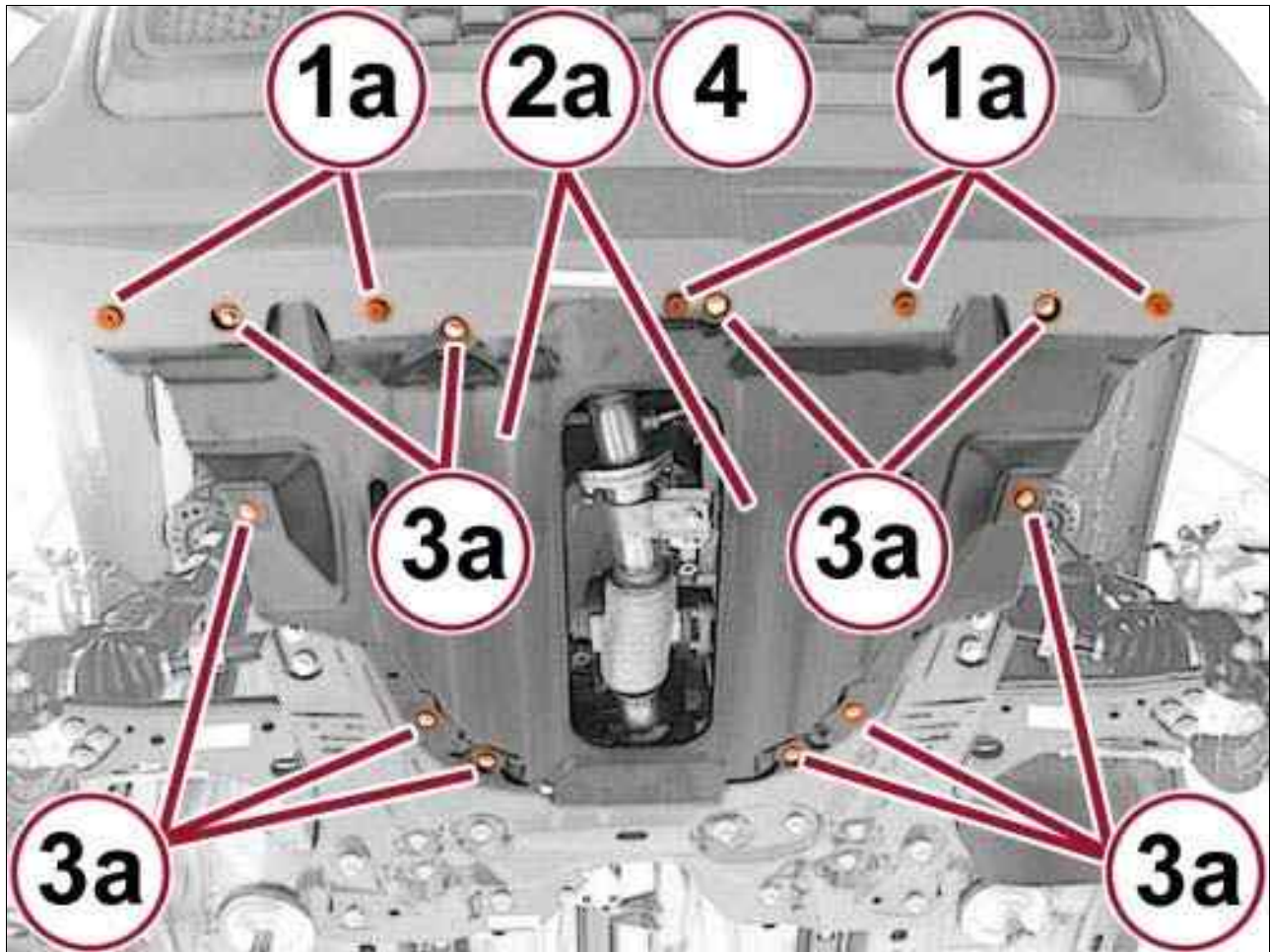
REMOVAL

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. Remove the screws (1a) securing the belly pan (1b).
3. Remove the belly pan (1b) release the retainers (2a).

UNDER BODY PROTECTION > BELLY PAN > REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION > 2.0L TURBO DIESEL 4X4

Fig 1: Belly Pan & Screws



Courtesy of CHRYSLER GROUP, LLC

REMOVAL

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. Remove the screws (1a) securing lower fascia.
3. Support the belly pan (2a) with a suitable lifting device.
4. Remove the screws (3a) securing the belly pan.
5. Remove the belly pan (2a).

UNDER BODY PROTECTION > BELLY PAN > REMOVAL AND INSTALLATION > REMOVAL AND INSTALLATION > 1.4L MULTIAIR TURBO, 1.6L TURBO DIESEL

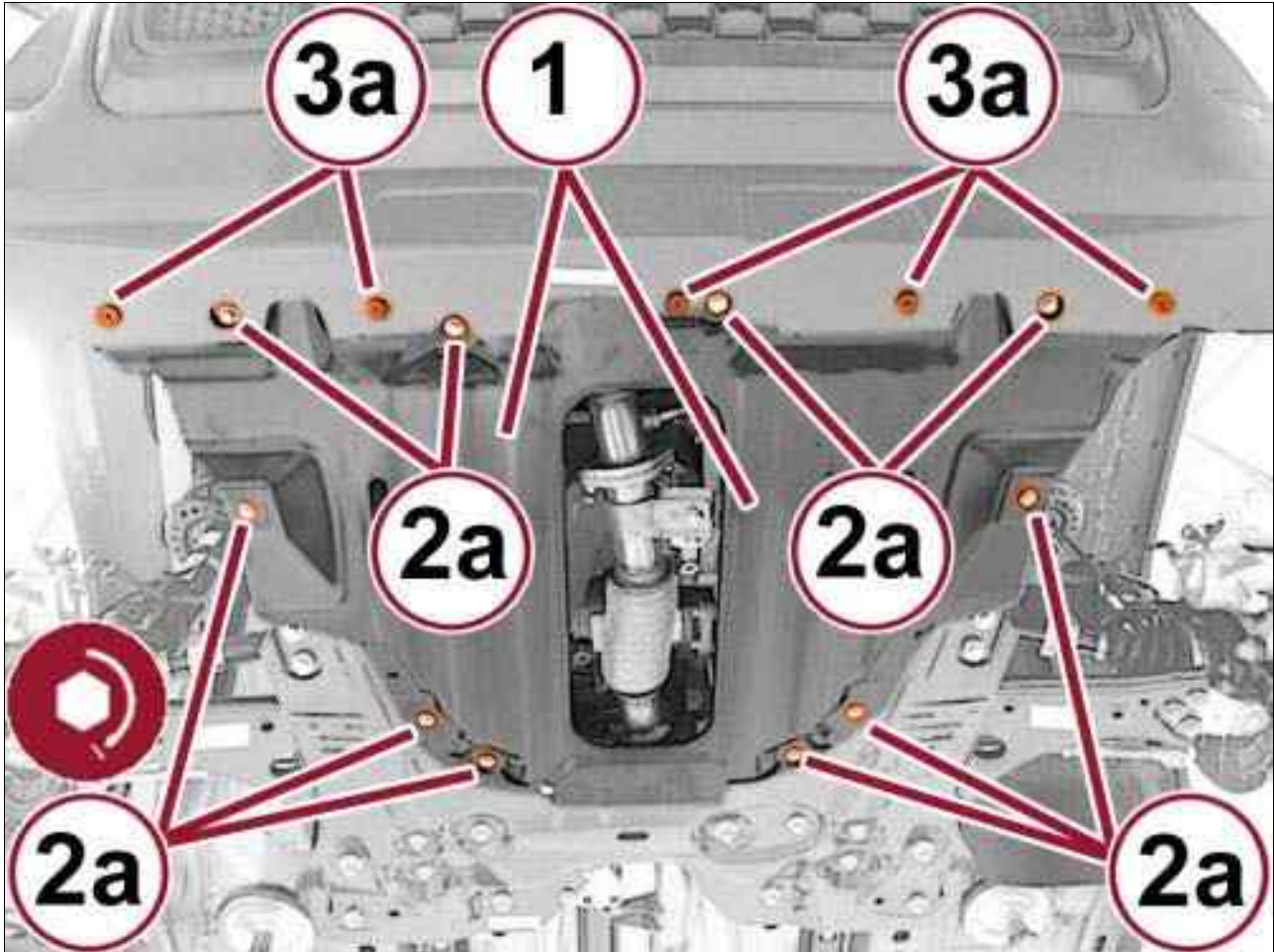
INSTALLATION

1. Check that the belly pan is not damaged.

2. Position the belly pan back onto the vehicle and seat the retainers fully.
3. Install the screws.

UNDER BODY PROTECTION > BELLY PAN > REMOVAL AND INSTALLATION > REMOVAL AND INSTALLATION > 2.0L TURBO DIESEL 4X4

Fig 1: Belly Pan & Screws



Courtesy of CHRYSLER GROUP, LLC

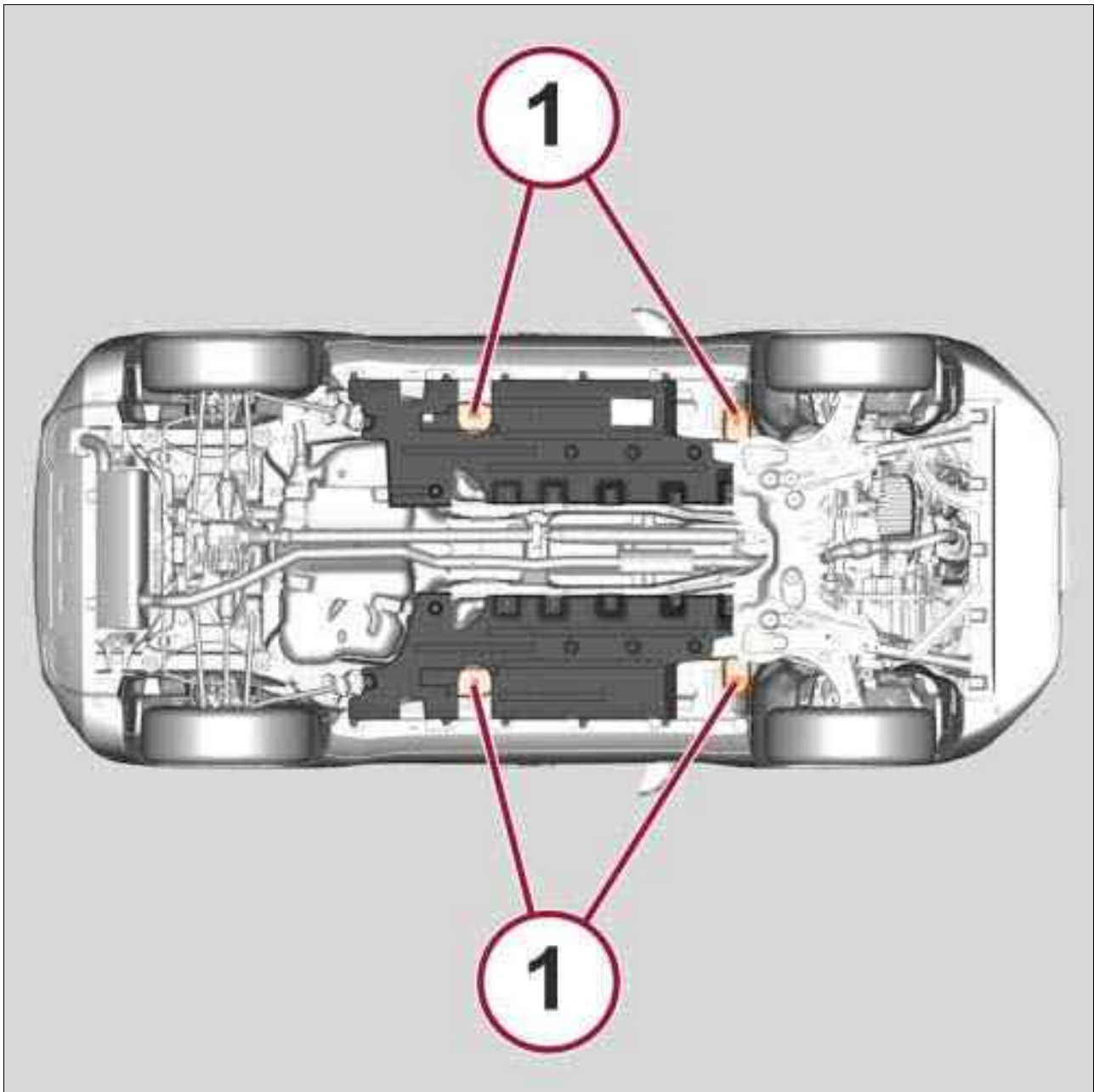
INSTALLATION

1. Check that the belly pan is not damaged.
2. Using a suitable lifting device, position the belly pan back onto the vehicle.
3. Tighten the screws (2a) securing to the proper specification. Refer to SPECIFICATIONS .
4. Install the screws (3a) securing the lower fascia.

UNDER BODY PROTECTION > BELLY PAN, SIDE > REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION > REMOVAL

Fig 1: Underbody Lift Points

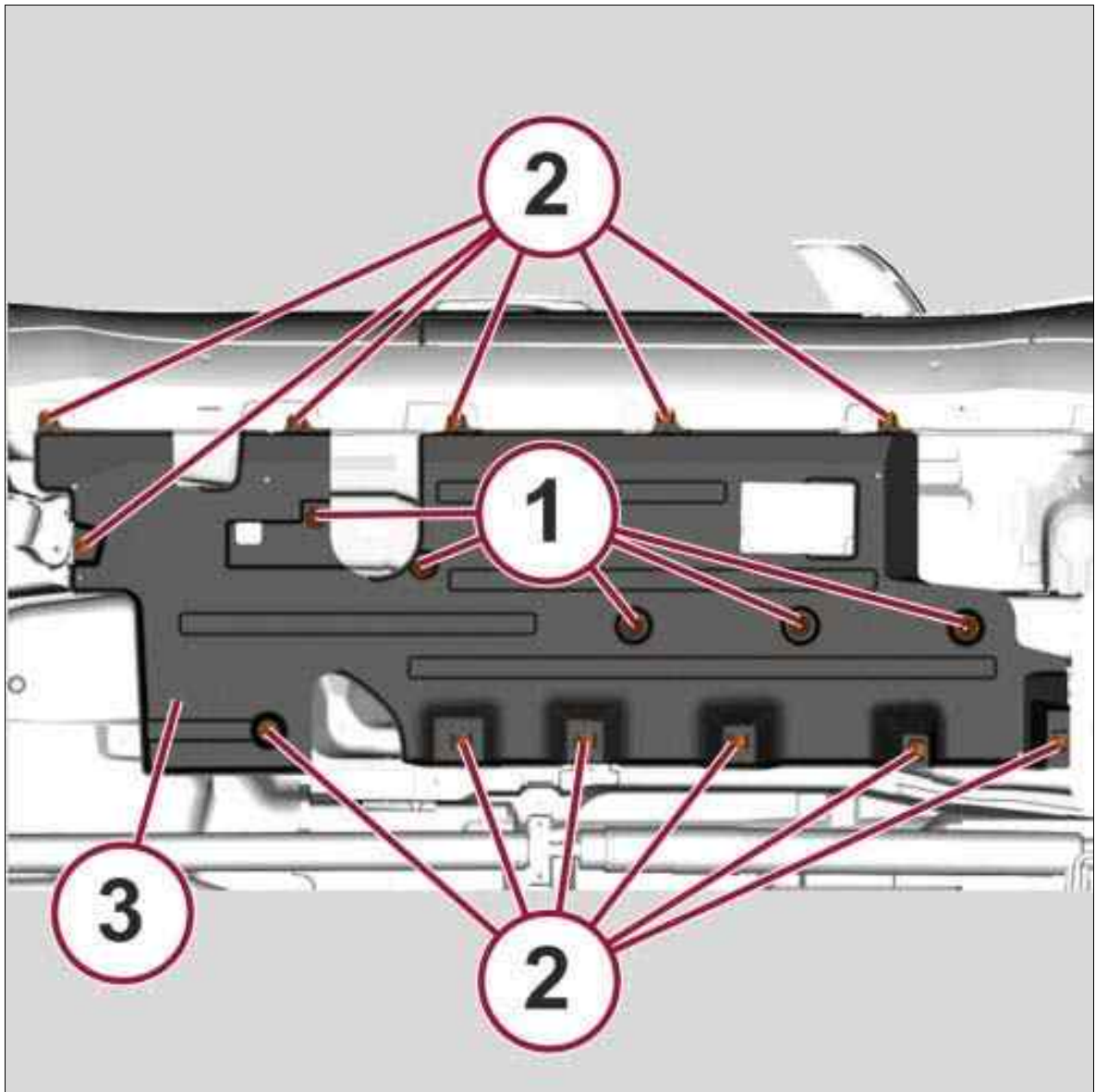


Courtesy of CHRYSLER GROUP, LLC

2.4L MultiAir2

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. If you use bridge lift arms, put the pads of the lift arms only at the points indicated underbody, using, if necessary suitable spacers pads rubber or wood.

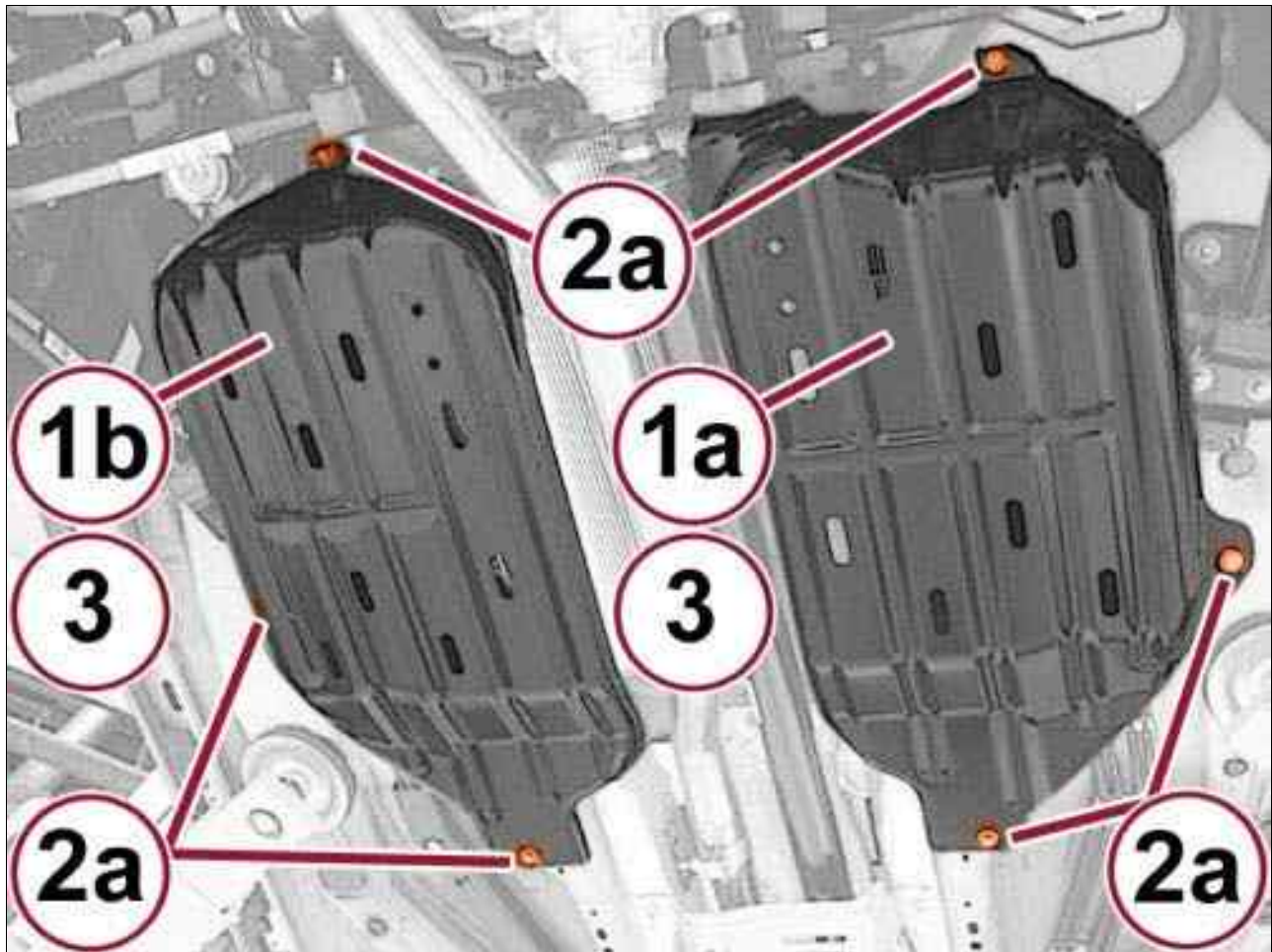
Fig 2: Belly Pan, Nuts & Retainers



Courtesy of CHRYSLER GROUP, LLC

3. Remove the nuts (1).
4. Remove the retainers (2) and remove the belly pan (3).

Fig 3: Belly Pans & Screws



Courtesy of CHRYSLER GROUP, LLC

2.0L Turbo Diesel 4X4

1. Raise and support the vehicle. Refer to HOISTING, STANDARD PROCEDURE .
2. Support the belly pan (1a, 1b) with a suitable lifting device.
3. Remove the screws (2a) and remove the belly pan (3).

UNDER BODY PROTECTION > BELLY PAN, SIDE > REMOVAL AND INSTALLATION > REMOVAL AND INSTALLATION > INSTALLATION

2.4L MultiAir2

1. Check that the belly pan is not damaged.
2. Position the belly pan back onto the vehicle and seat the retainers fully.
3. Install the screws.

2.0L Turbo Diesel 4X4

1. Check that the belly pan is not damaged.
2. Using a suitable lifting device, position the belly pan back onto the vehicle.
3. Tighten the screws to the proper specification. Refer to SPECIFICATIONS .