



-INSTALLATION- INSTRUCTIONS



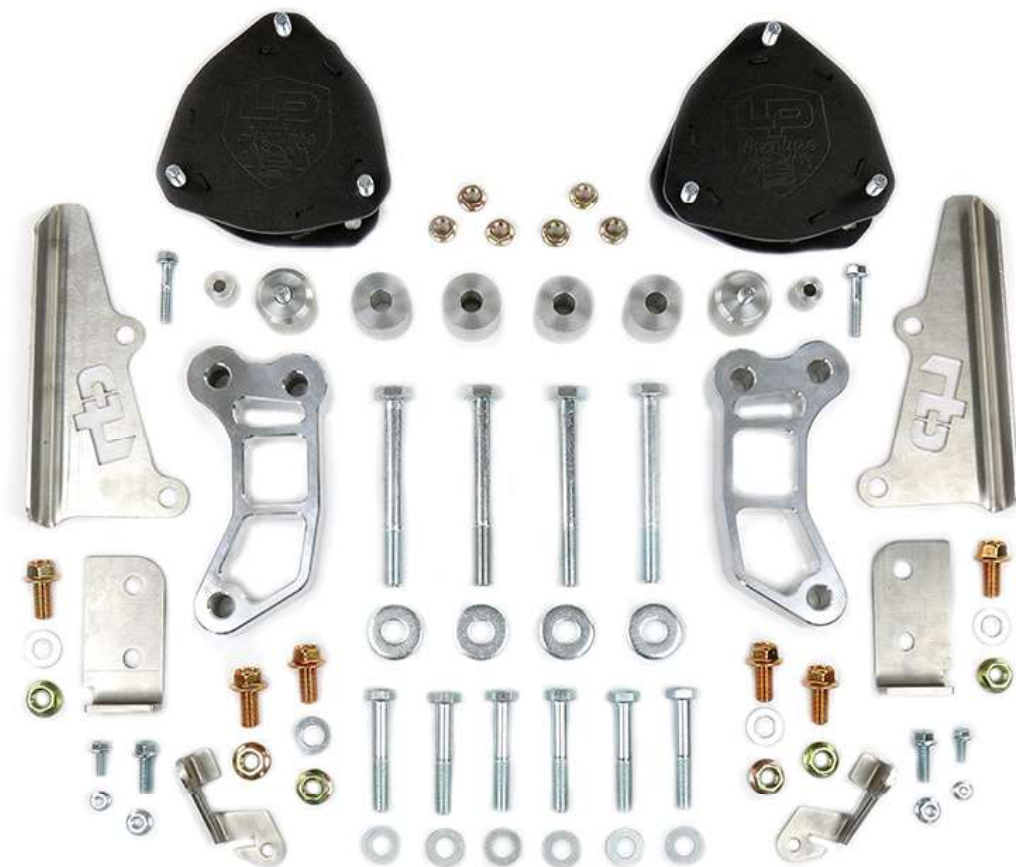
LP ADVENTURE LIFT KIT



TOYOTA RAV4 2013-2018

CONGRATULATIONS FOR YOUR NEW LP AVENTURE LIFT KIT!

If you have any question or need assistance during the installation please contact our team. You can find the information on the last page.



IN
THE
BOX





NECESSARY TOOLS

- We recommend the use of a lift
- Jack stand to support the subframe
- Ratchet
- 12" Ratchet extension
- 10mm Socket
- 12mm Socket
- 14mm Socket
- 17mm Socket
- 18mm Socket
- 19mm Socket
- 22mm Socket
- Key 14mm
- Key 17mm
- Key 19mm
- Long nose pliers
- Tongue & Groove pliers
- Torque wrench
- Flat head Screw driver

1

UNBOLT THE BOLT OF THE ENDLINK (TOP ONLY)



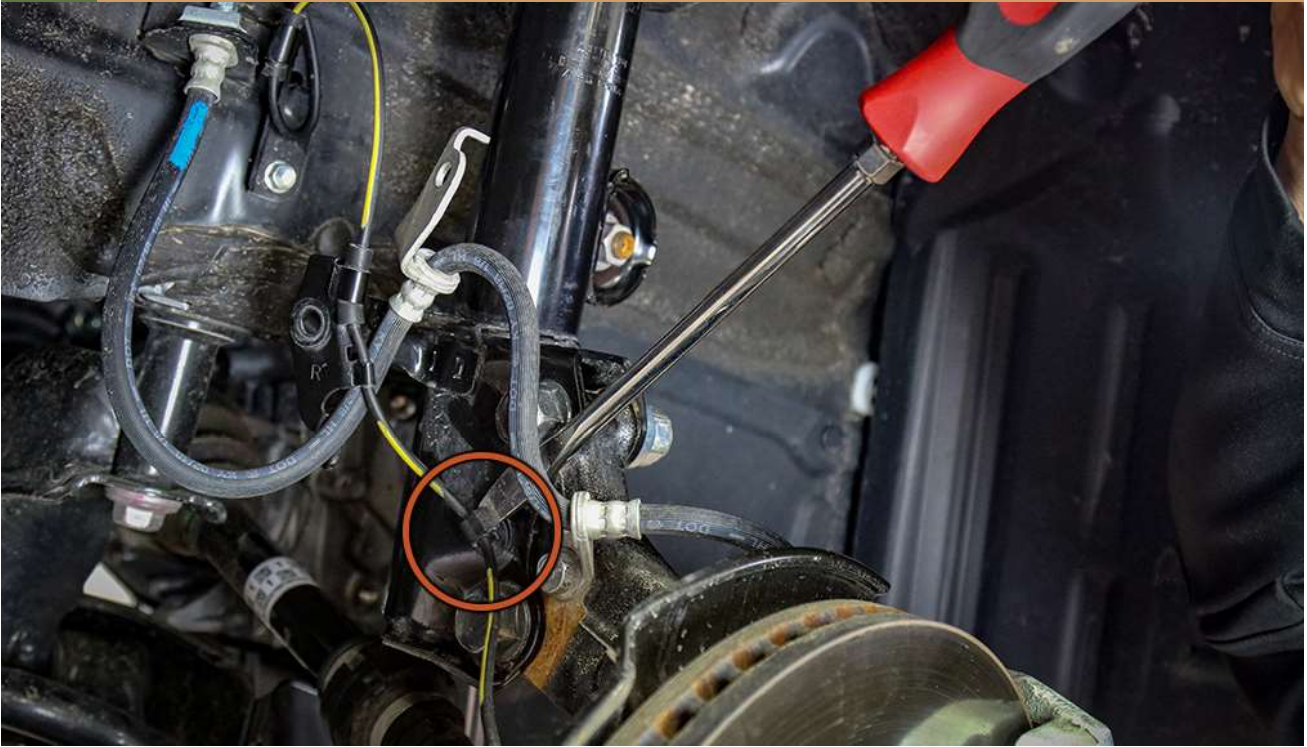
2

UNBOLT THE ABS SENSOR & BRAKELINE BRACKET



3

DETACH THE ABS SENSOR WIRE



4

UNBOLT THE BOTTOM OF THE SUSPENSION



5

UNBOLT THE TOP OF THE SUSPENSION



6

DETACH THE ABS SENSOR WIRE FROM THE BRACKET

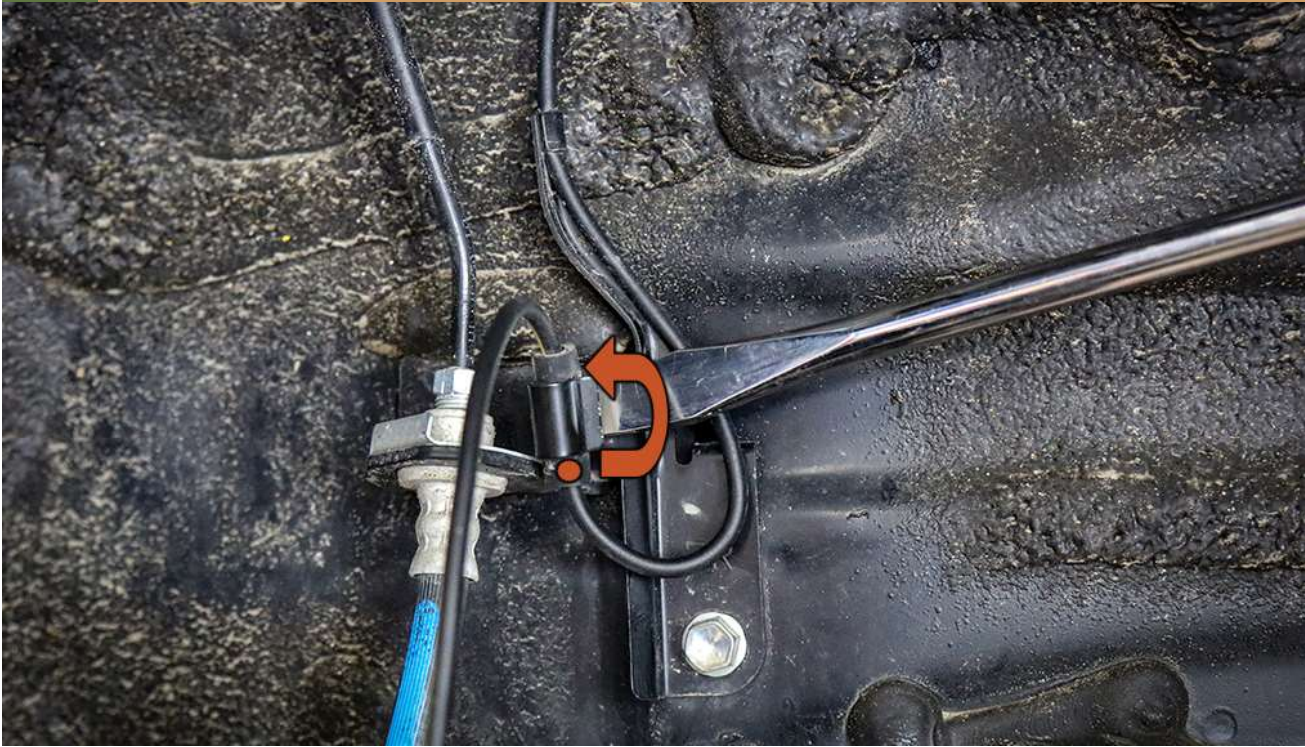
A



6

ONCE UNSCREWED, TURN THE WIRE 180 DEGREES

B



6

LIKE THIS

C

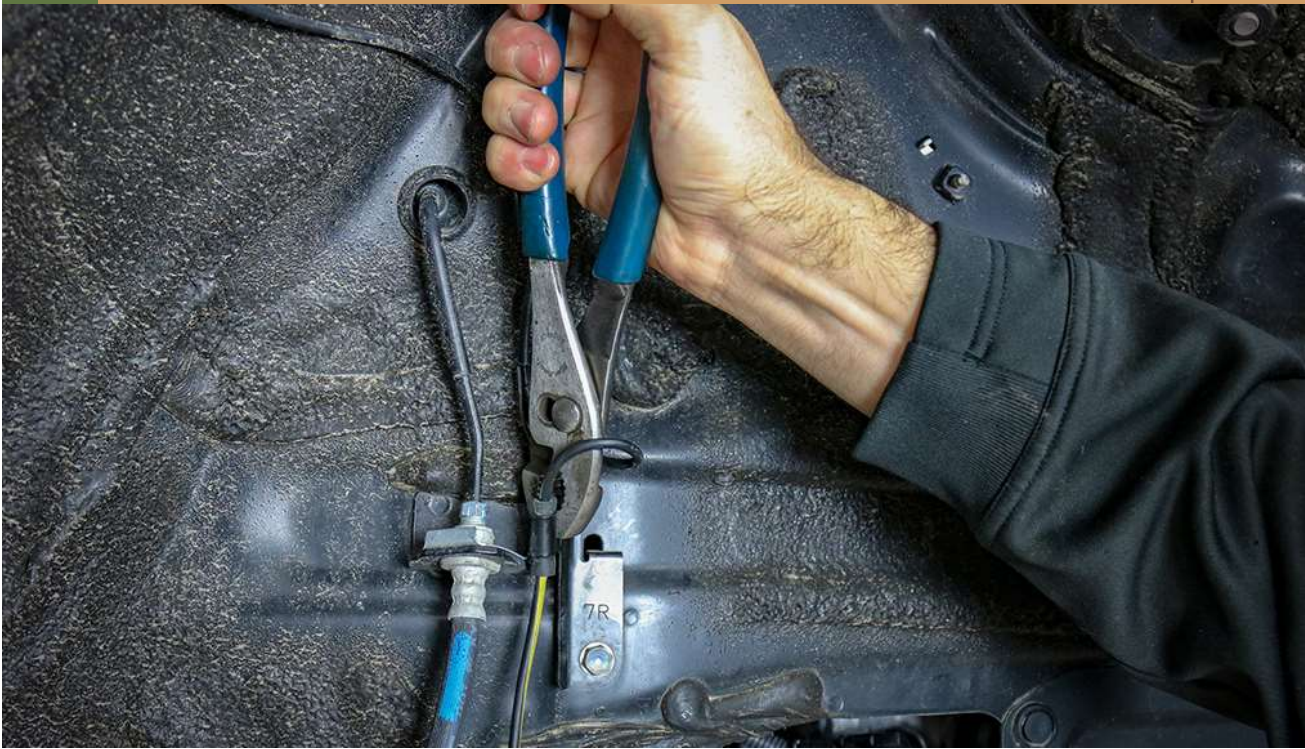


NOTE : Here is a little trick that will allow you to check if you have done the step as it should. You can take a marker pen and make a mark on one side of the rubber (as in the photos above)

6

REINSTALL THE CABLE INTO THE BRACKET

D



6

TIE THE CABLE WITH A TIE-WRAP

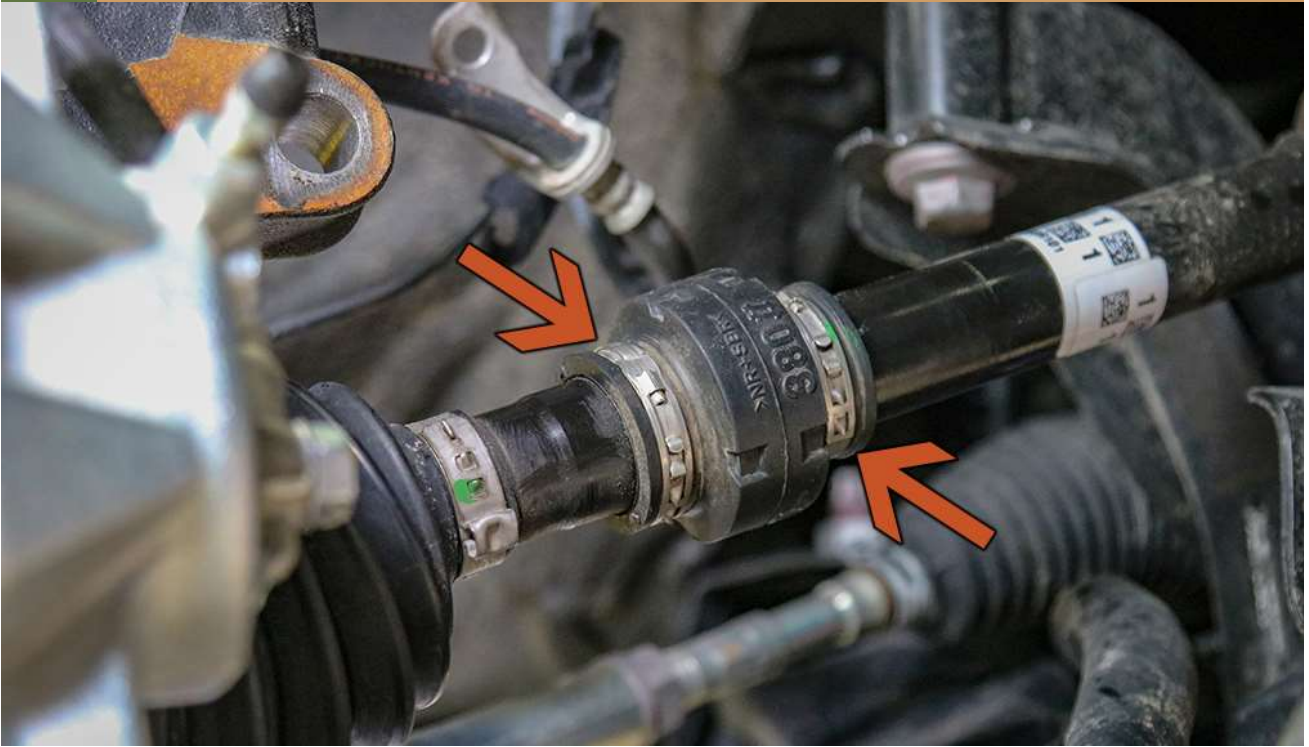
E



7

UNCLIP THE RUBBER DAMPER CLIPS

A



7

UNCLIP THE RUBBER DAMPER CLIPS

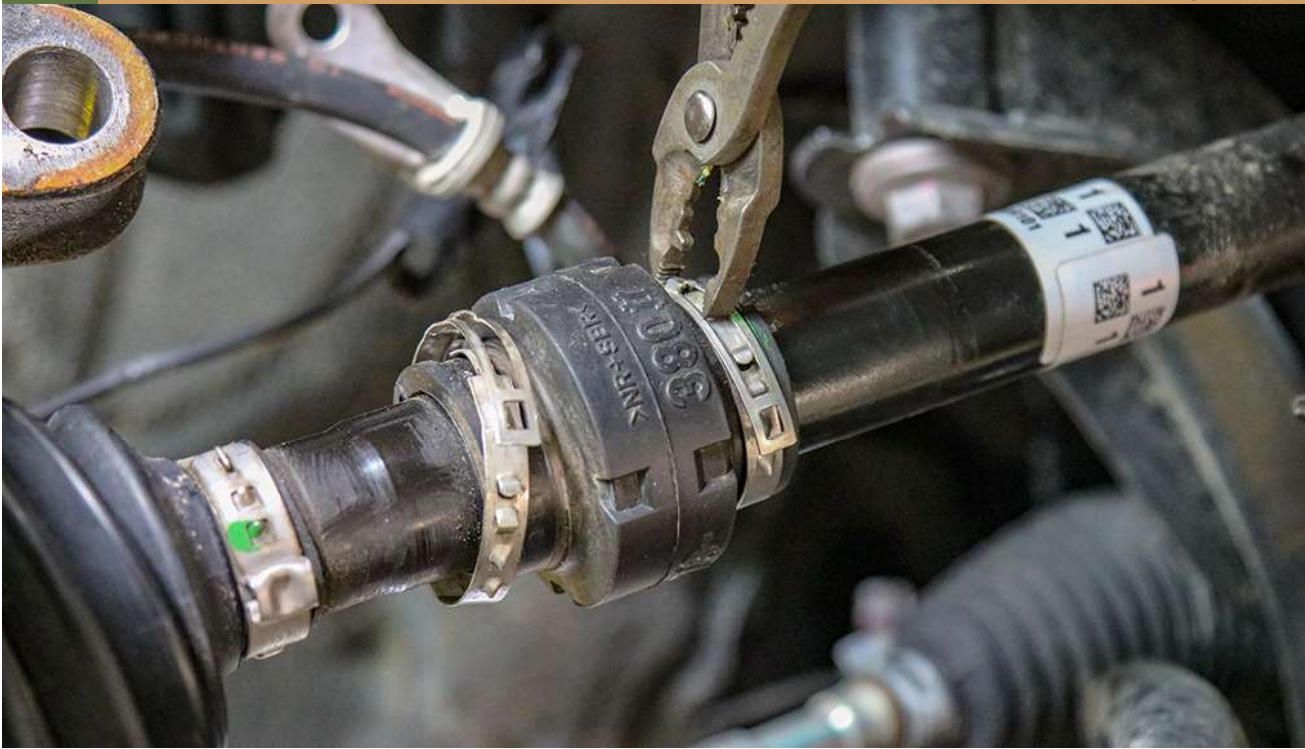
B



7

UNCLIP THE RUBBER DAMPER CLIPS

C



7

APPLY SOAP ON THIS SECTION

D

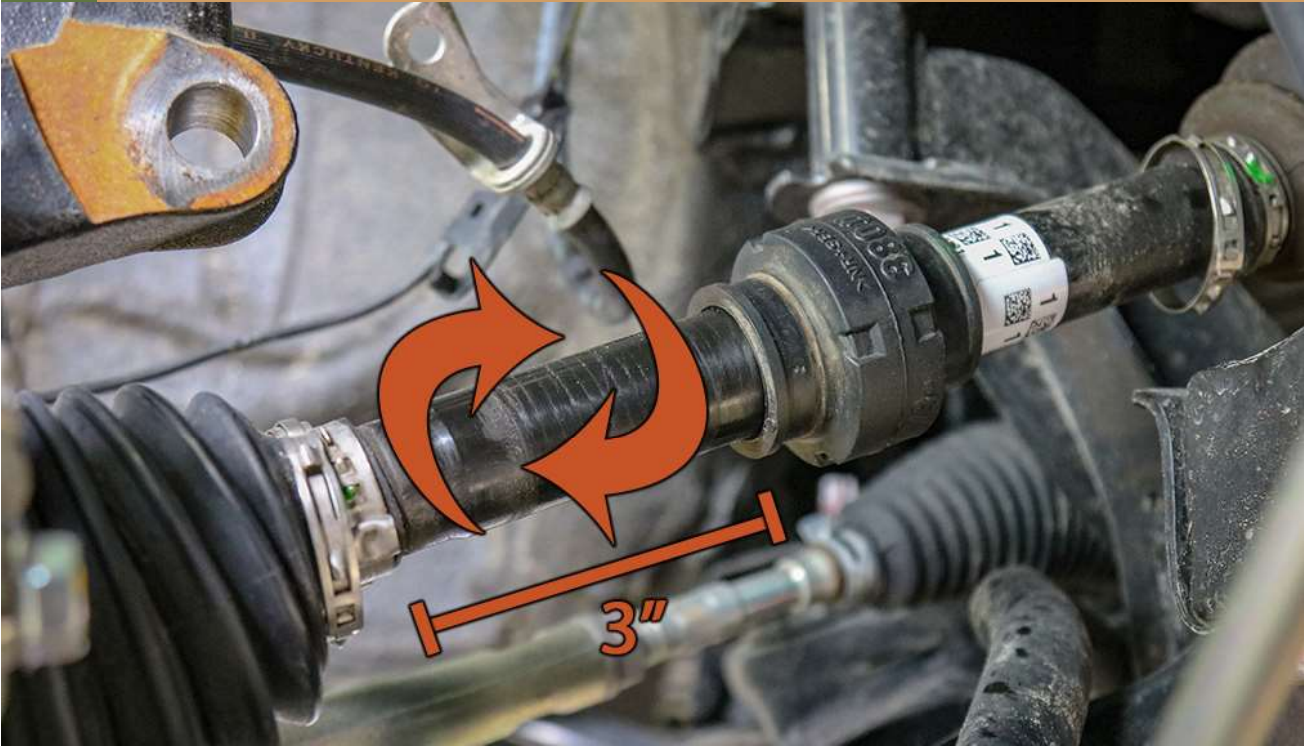


NOTE : The soap will allow you to slide the rubber damper on the axle. The soap will evaporate.
Do not use grease because this grease will not evaporate, and the rubber damper will move

7

MOVE THE RUBBER DAMPER INWARDS

E



7

REINSTALL THE RUBBER DAMPER CLIPS

F



NOTE: You can apply soap under the clips to help you during installation. The soap will evaporate.
Do not use grease because this grease will not evaporate, and the rubber damper will move

8

INSTALL THE FRONT TOP PLATES

A



8

REINSTALL THE FRONT SUSPENSION

B



8

RIGHT SIDE

C



8

LEFT SIDE

D



9

REINSTALL THE FRONT SUSPENSION

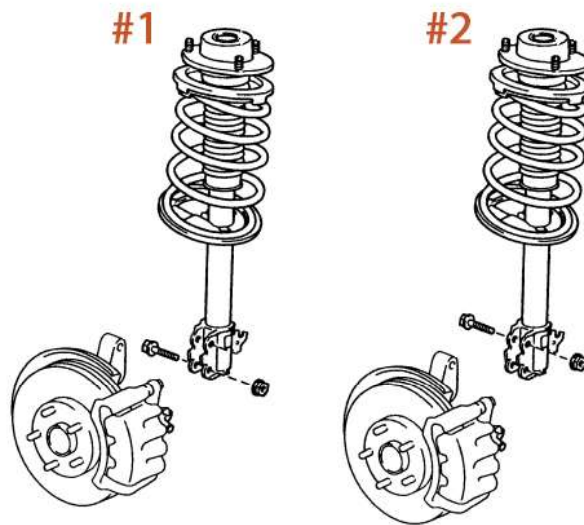
A



9

YOU MUST INSTALL THE BOTTOM BOLT FIRST.

B

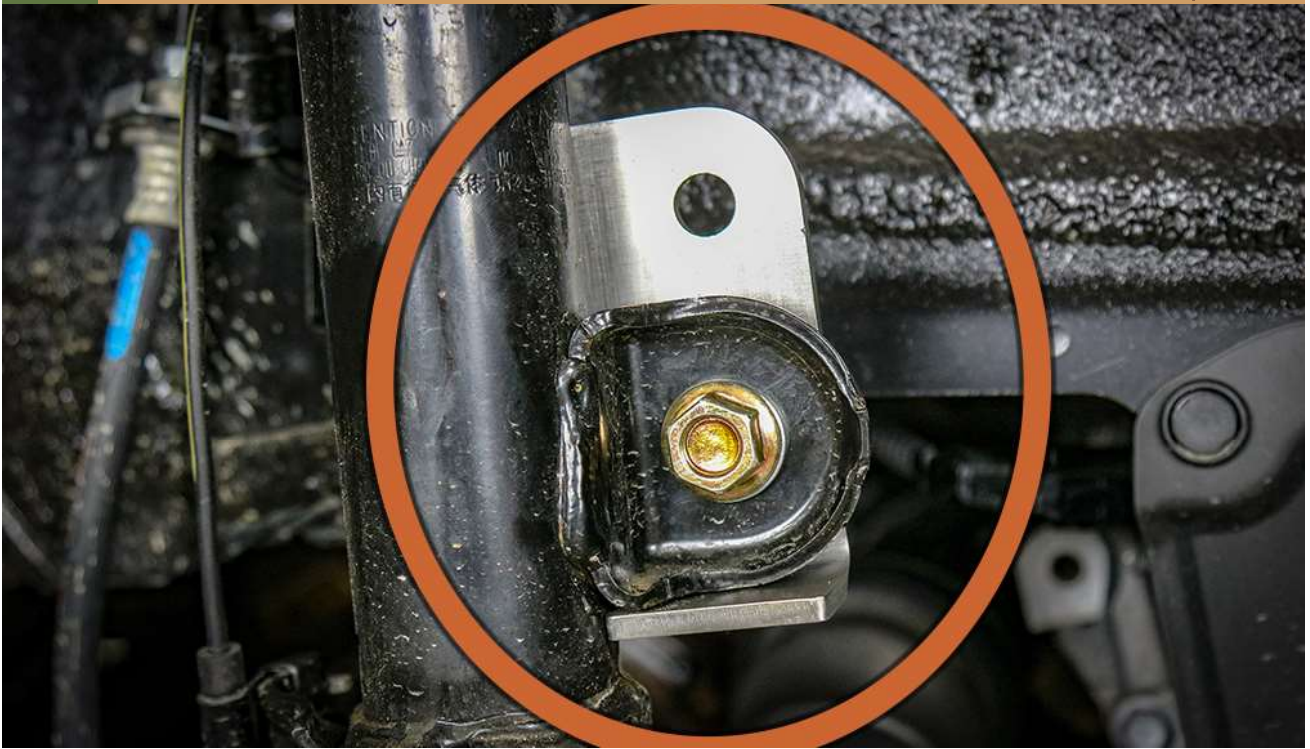


NOTE: Be careful, the axle could have been decliped. If this is the case, to put it back in place, you have to push the axle in place then you pull it towards you (towards the outside) and then push it back. You will hear a "cloc" noise...this indicates that it is in place.

10

INSTALL THE ENDLINK BRACKET

A



10

REINSTALL THE ENDLINKS

B



11

REINSTALL THE ABS SENSOR WIRE BRACKET

A



11

REINSTALL THE ABS SENSOR WIRE BRACKET

B



12

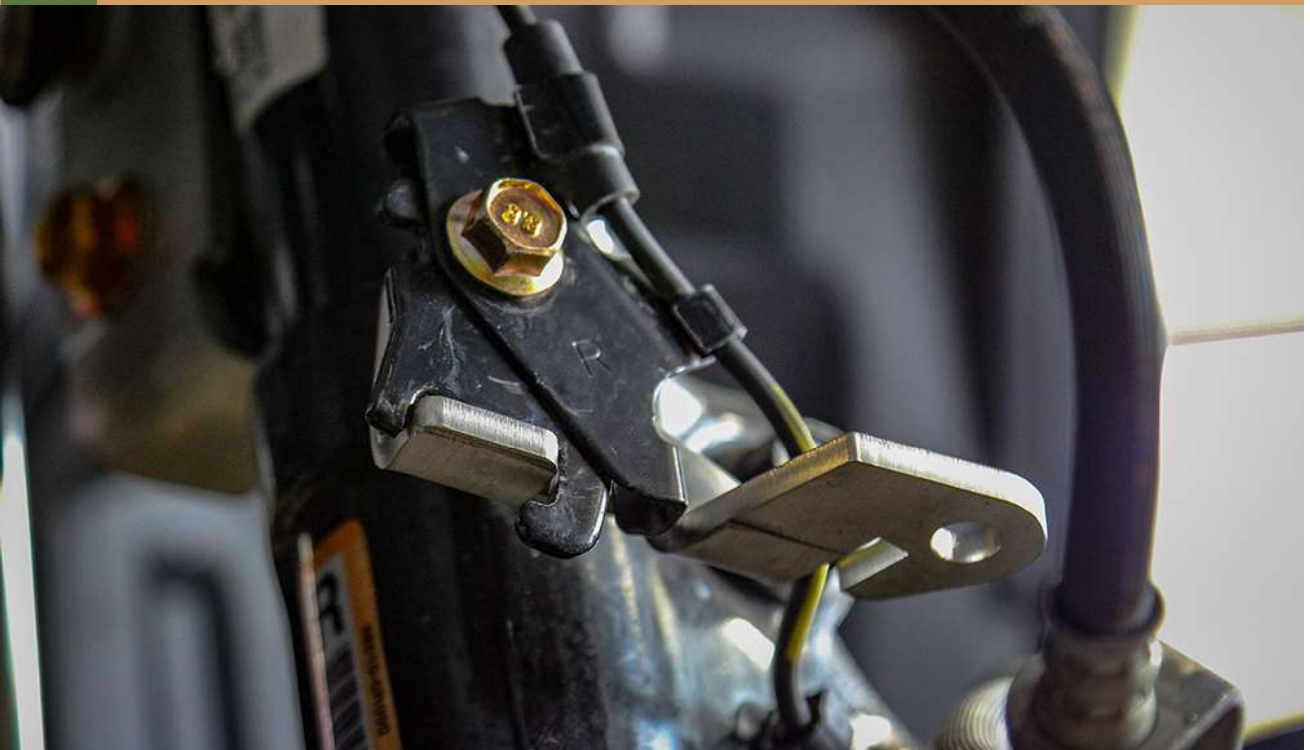
INSTALL THE BRAKE LINE EXTENSION BRACKET

A



12

OTHER VIEW OF THE BRAKE LINE EXTENSION BRACKET



13

INSTALL THE BRAKE LINE ON THE BRACKET



NOTE : You need to disconnect the ABS sensor, and reconnect it so that the wire is between the brake line and the shock.

- REAR -

14

UNBOLT THE BRAKE LINE BRACKET

A



14

OTHER VIEW

B



14

INSTALL THE BRAKE LINE SPACER

C



15

UNSCREW THE BUMPER STOP

A



NOTE : You can use tongue & groove bends to remove and put back the bumper stop.

15

INSTALL THE BUMP STOP BUSHING

B



16

INSTALL THE HAND-BRAKE PROTECTOR



16

OTHER VIEW



17

UNBOLT 2 OF THE 3 BOLTS OF THE TRAILING ARM

A



17

OTHER VIEW

B



17

OTHER VIEW

C



17

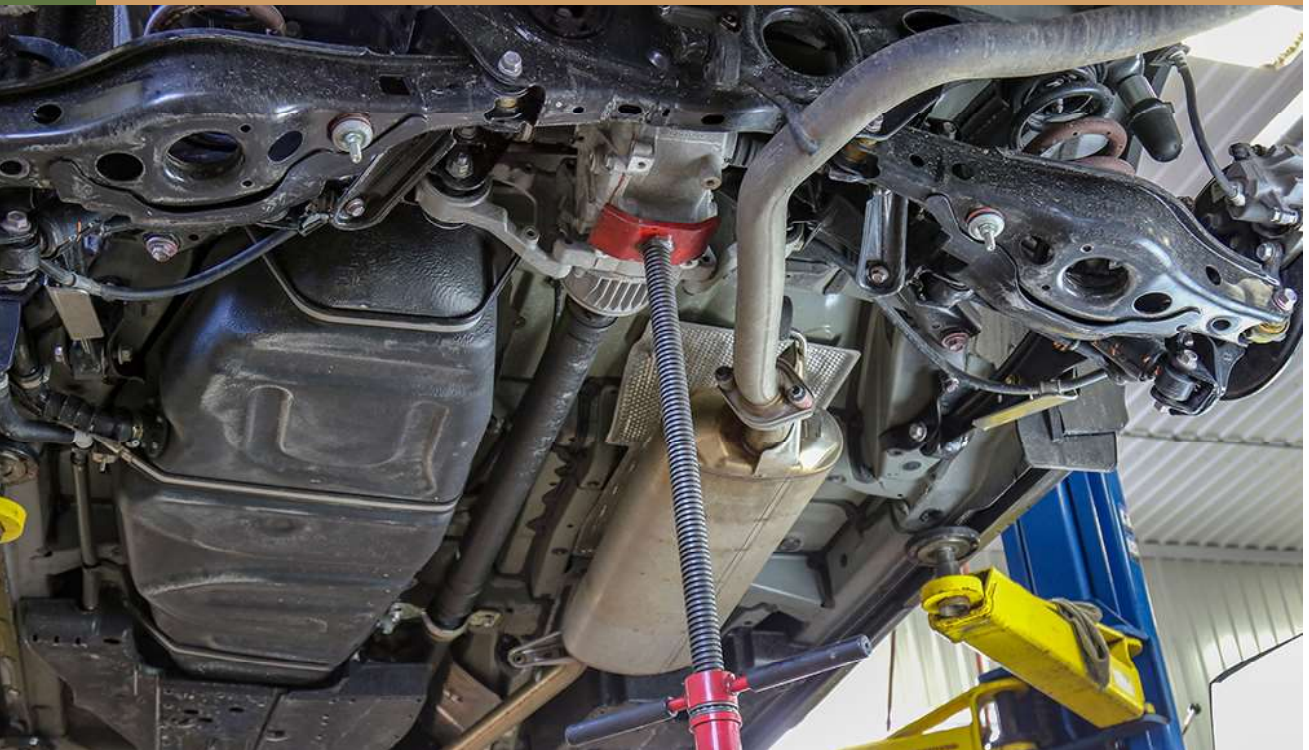
UNBOLT SLIGHTLY THE THIRD BOLT

D



18

*** SAFETY TIP - INSTALL THE JACK STAND ***



NOTE: You must use a jack stand to support the differential and the rear subframe in the next steps

19

UNBOLT THE SUBFRAME - REAR

A



19

UNBOLT THE SUBFRAME - FRONT

B



NOTE: You have to lower the height of the jack stand for the next steps

19

INSTALL THE SUBFRAME SPACERS - FRONT

C



19

REMOVE THE STUDS

D



NOTE: Warning, for steps 19C and 19E, you must not tighten the bolts completely ... for now.

19

INSTALL SPACERS & REPLACE THE STUDS WITH THE PROVIDED BOLTS

E



20

UNBOLT THE THIRD BOLT OF THE TRAILING ARM

A



NOTE: You can remove the jack stand after the step 19E.

20

UNBOLT THE THIRD BOLT OF THE TRAILING ARM

B



20

REMOVE THE MAIN BOLT OF THE TRAILING ARM BUSHING

C



20

REMOVE THE TRAILING ARM BRACKET

D



20

USE THE JACK STAND TO COMPRESS THE SPRING

E



NOTE: Use the jack stand to compress the spring, it will lower the trailing arm, which will allow you to insert the spacer.

20

INSTALL THE TRAILING ARM SPACERS

F



20

USE A LEVER TO POSITION THE TRAILING ARM IN PLACE

G



NOTE: Use the jack stand to compress the spring, it will lower the trailing arm, which will allow you to insert the spacer.

20

PUT THE BOLT OF THE TRAILING ARM BACK IN PLACE

H



20

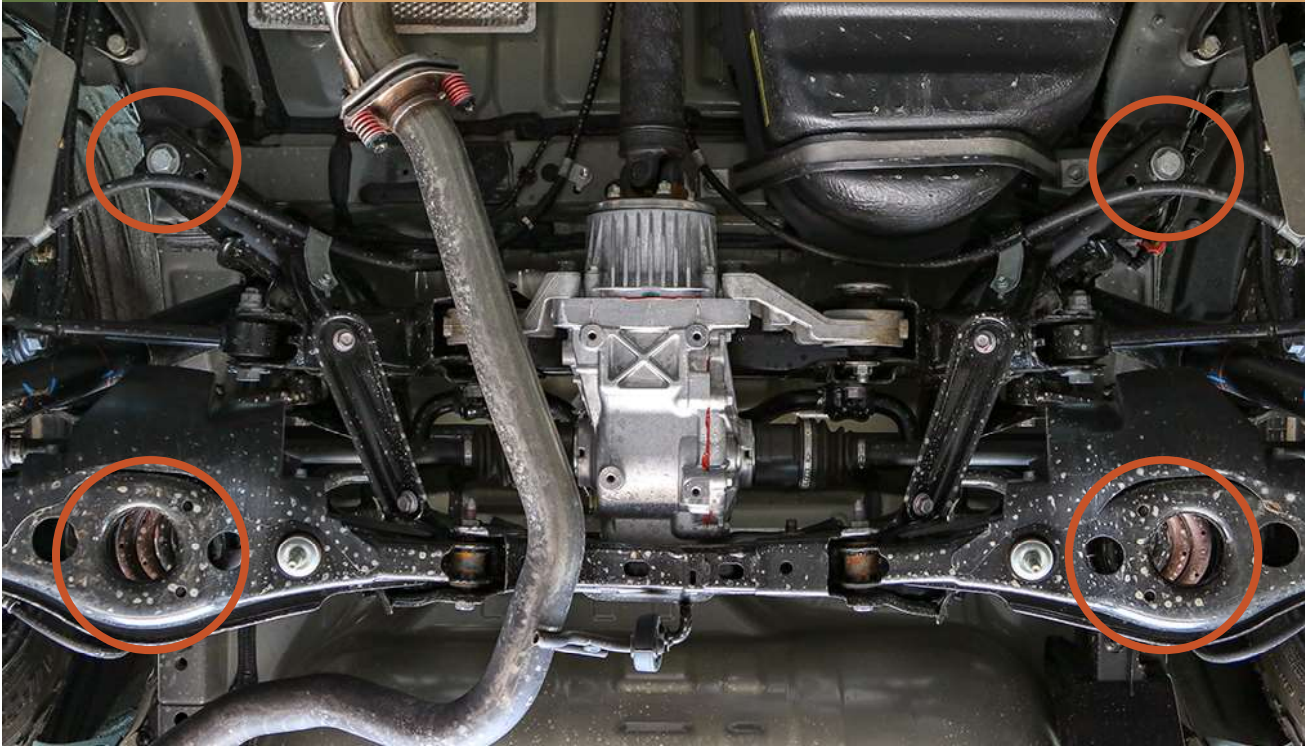
PUT THE BOLT OF THE TRAILING ARM BACK IN PLACE

I



21

YOU CAN NOW FULLY SCREW THE SUBFRAME BOLTS



21

OTHER VIEW - REAR





▼
NOTES:

Tighten all the bolts to the manufacturer's specifications with a Torque Wrench

Double check your work.
Reinstall the wheels and be sure to tighten the nuts with a torque wrench.

Wheel alignment is required after installation.

Products warnings:
<https://lpaventure.com/pages/products-warnings>

Limited product warranty:
<https://lpaventure.com/pages/limited-product-warranty>



You have completed the installation.
Thank you for your interest
in our products.

For all requests, information or
assistance: Contact our team
by phone at
1 (866) 562-1316

We are available Monday to Friday
Between 8AM and 5PM (EST).

Or by email at :
LPAVENTURE@LACHUTEPERFORMANCE.COM
WWW.LPAVENTURE.COM

NOW, ENJOY THE RIDE!