



-INSTALLATION- INSTRUCTIONS



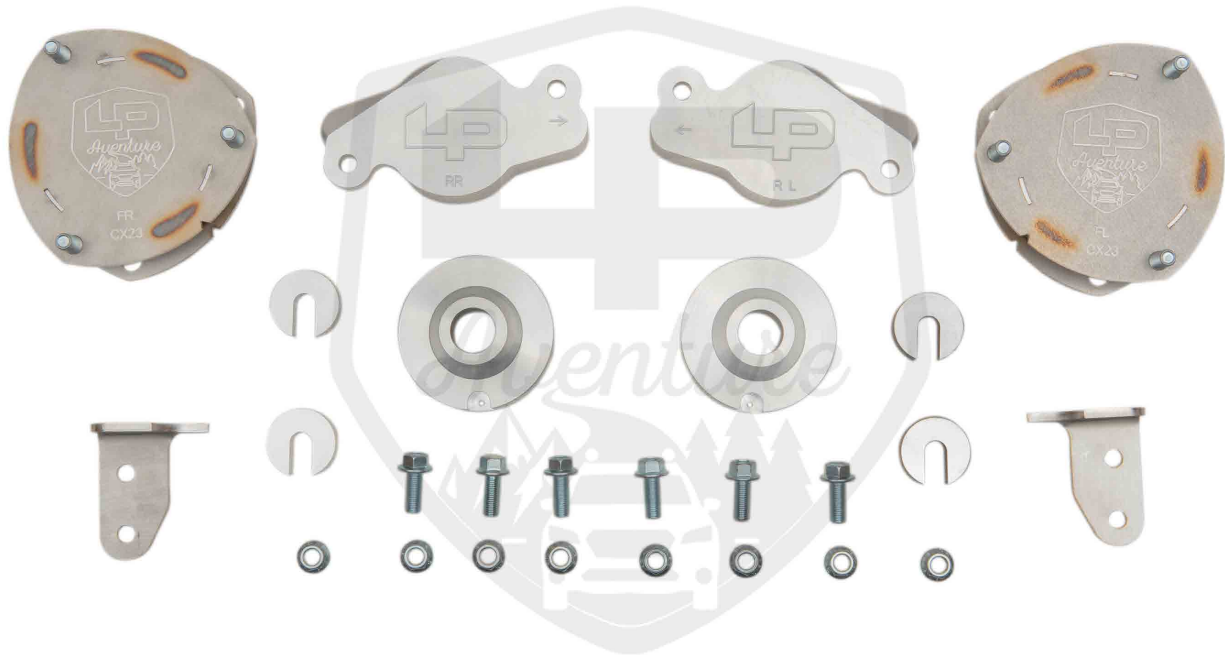
LP AVENTURE LIFT KIT



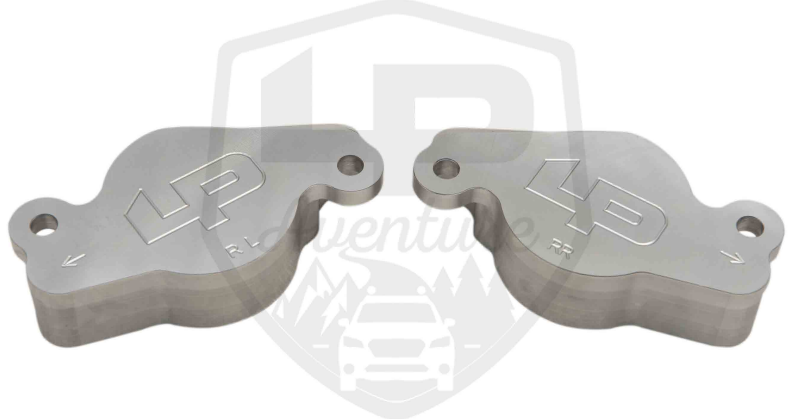
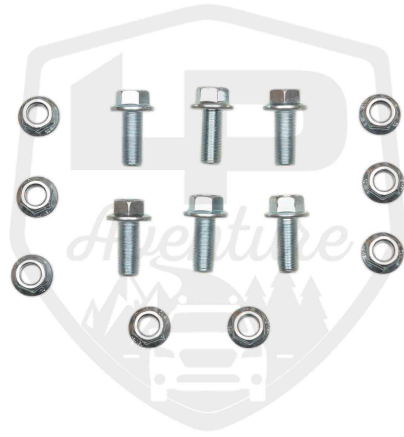
2023 + MAZDA CX-50

CONGRATULATIONS FOR YOUR NEW LP AVENTURE LIFT KIT!

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



IN THE BOX



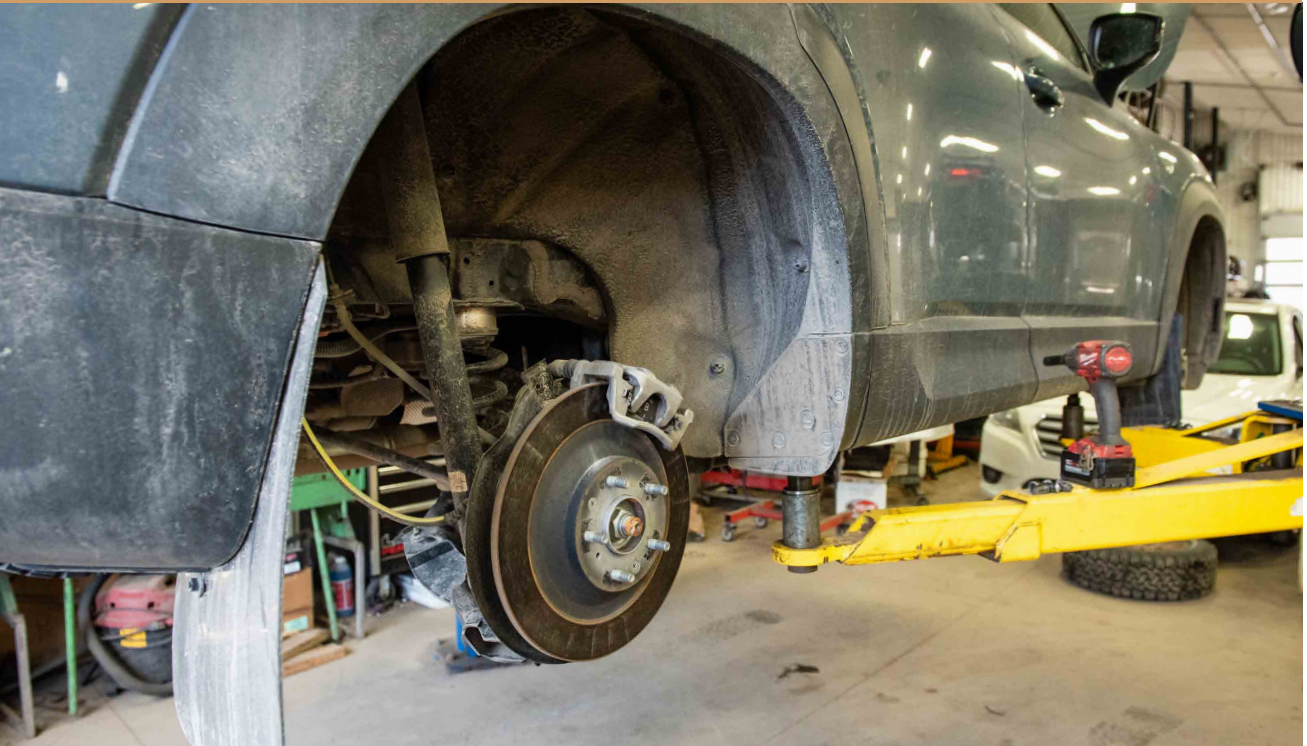


NECESSARY TOOLS

1. We recommend the use of a lift
2. Floor jack
3. Ratchet or small impact wrench
4. Pliers
5. Small Hammer
6. 10mm socket
7. 14mm socket
8. 14mm wrench
9. 17mm wrench
10. Breaker bar
11. 17mm socket
12. 19mm socket
13. 21mm wrench
14. 23mm socket

1

REMOVE WHEELS



2

-FRONT SUSPENSION-
UNCLIP ABS WIRE

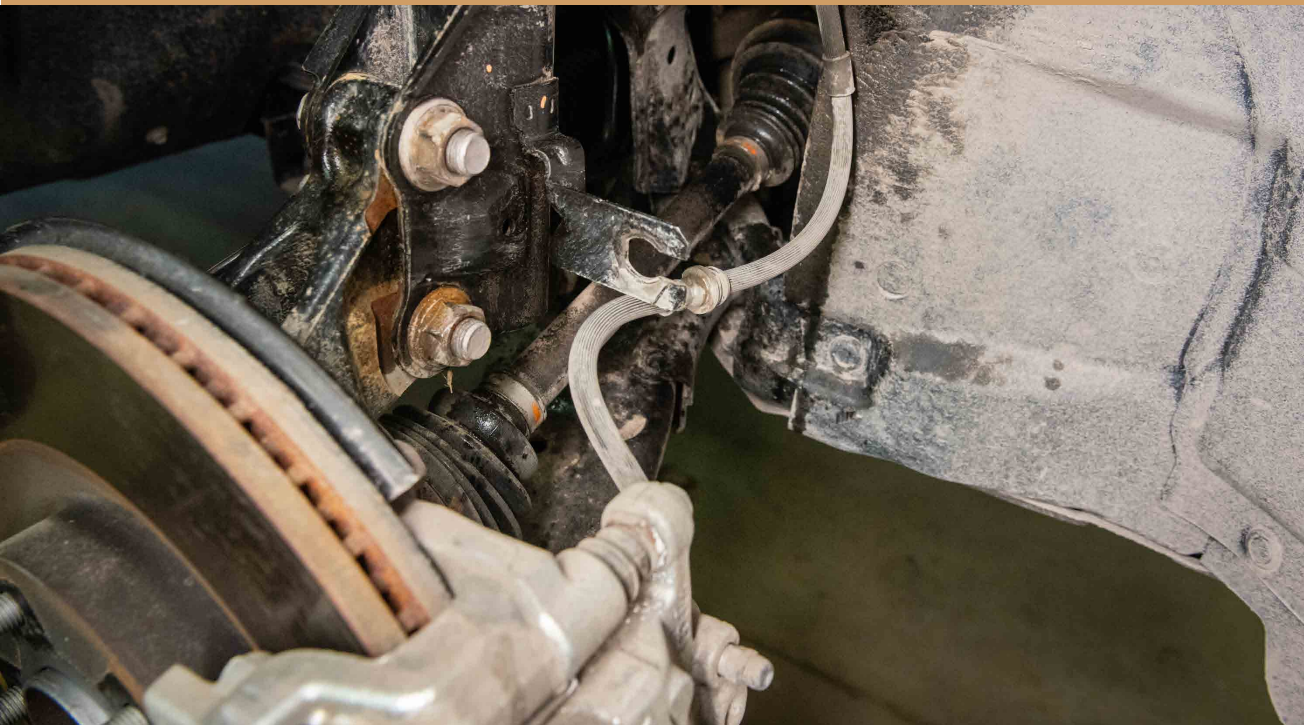




3

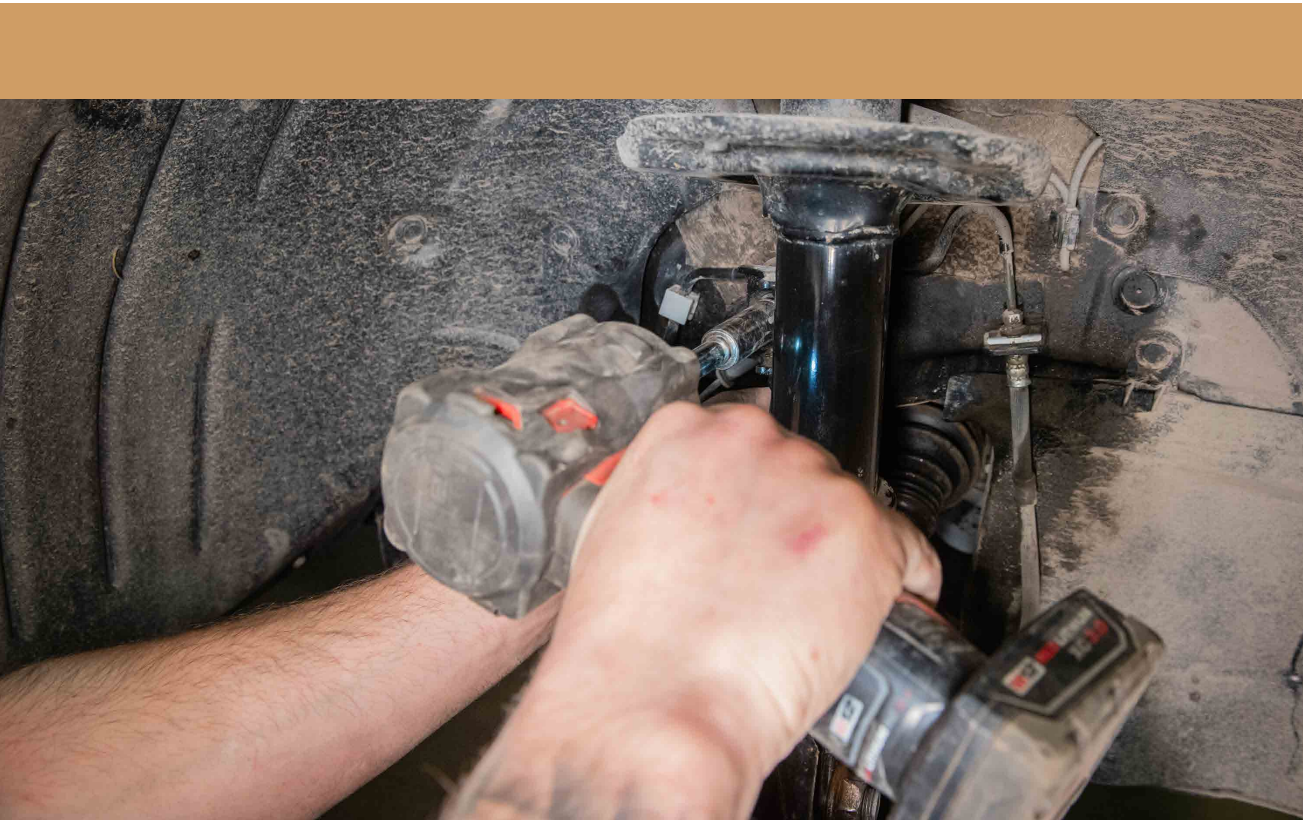
REMOVE BRAKE LINE CLIP AND REMOVE THE BRAKE LINE

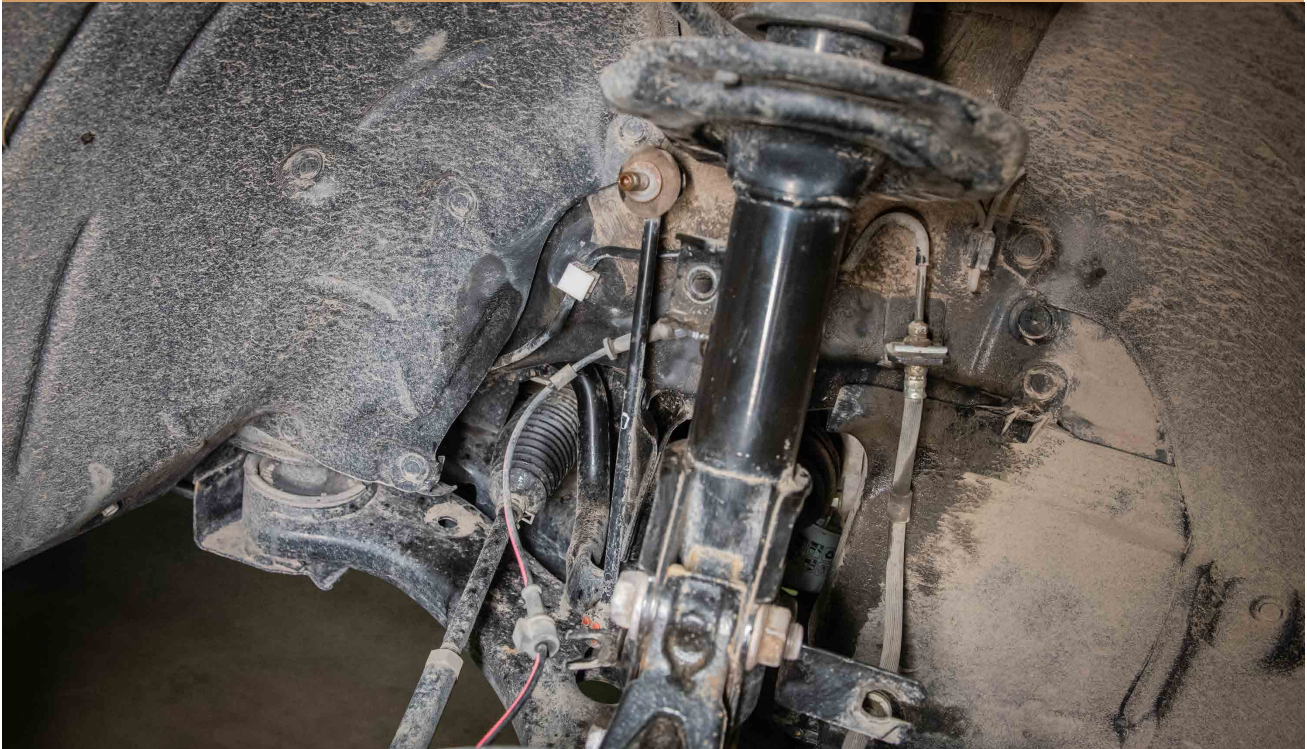




4

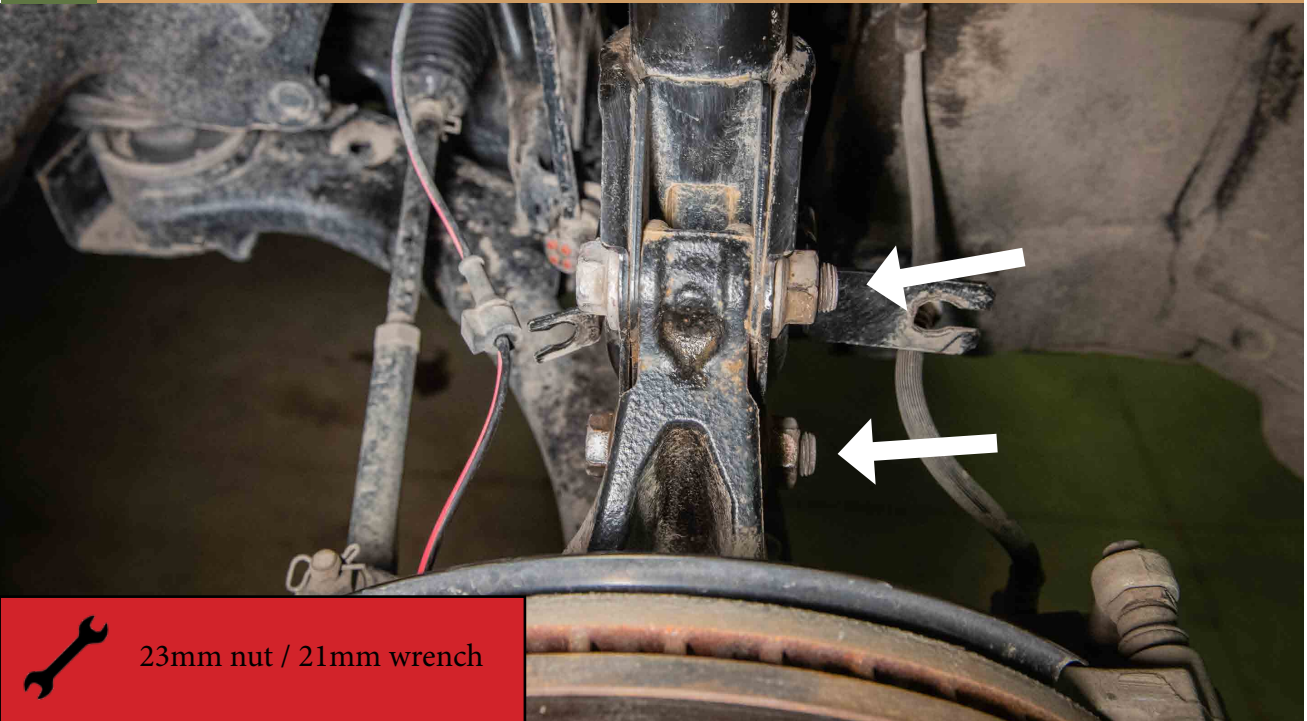
UNBOLT SWAY BAR LINK





5

UNBOLT SUSPENSION KNUCKLE

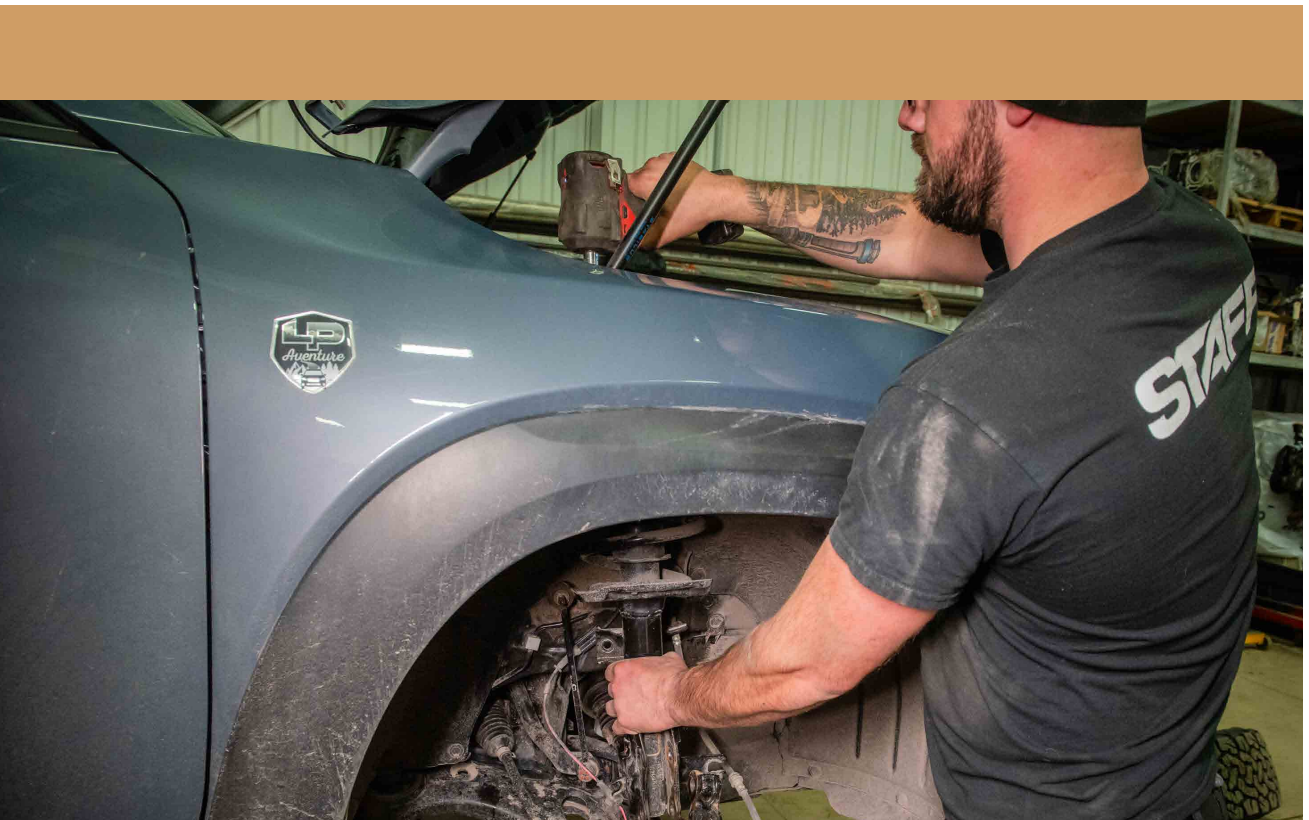


23mm nut / 21mm wrench



6

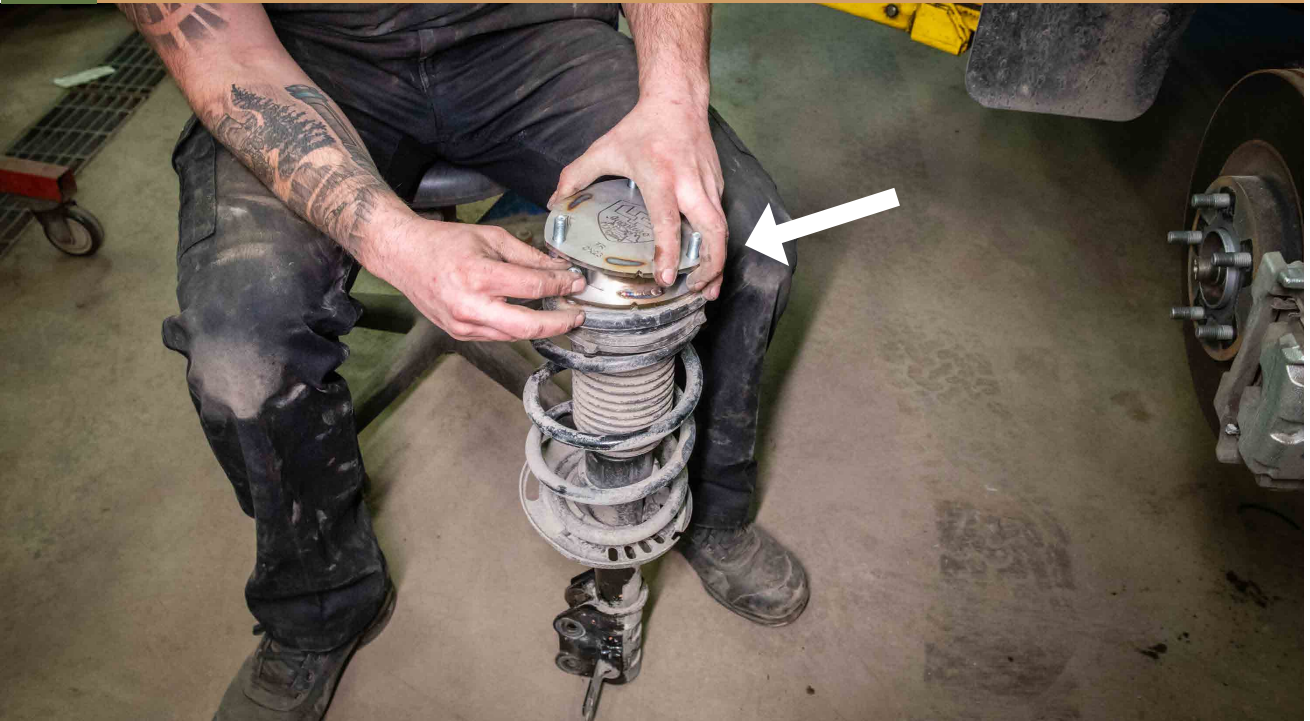
WHILE HOLDING THE FRONT STRUT, REMOVE THE TOP PLATE BOLTS AND REMOVE THE STRUT





7

INSTALL THE LP ADVENTURE TOP PLATES
ON TOP OF THE STRUTS

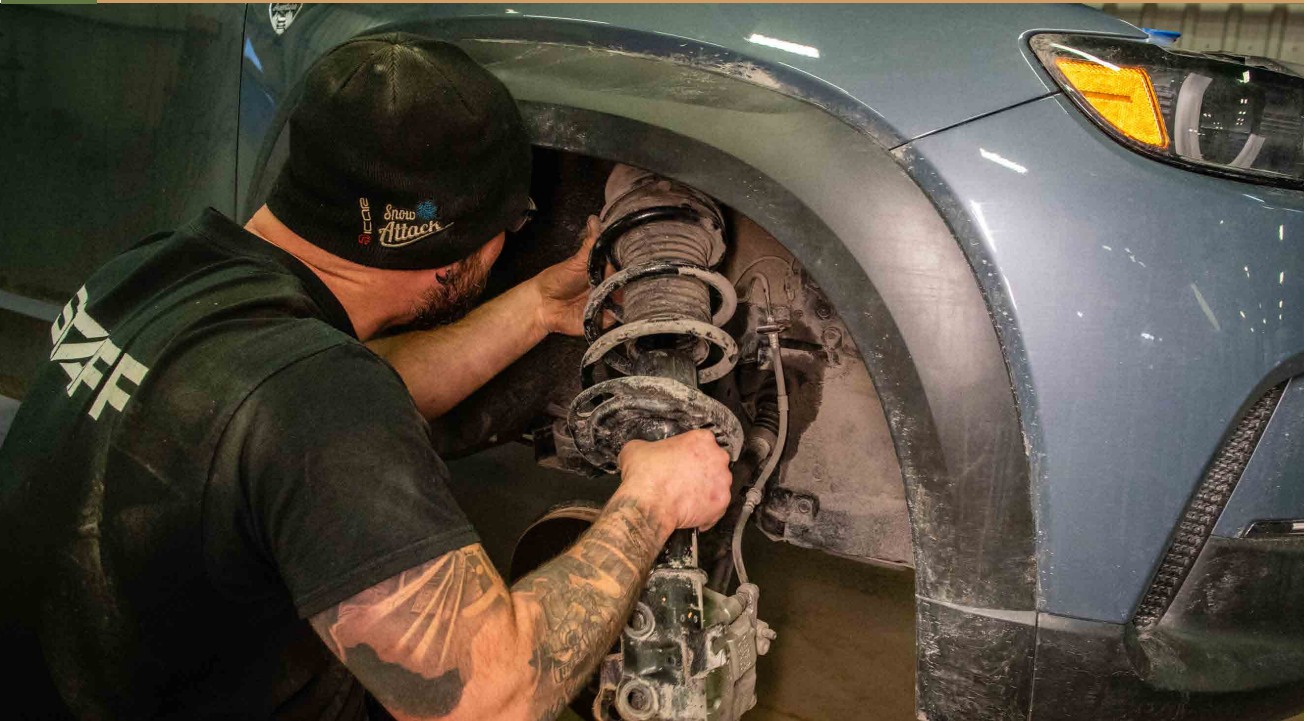


USE A PRY BAR AND WRENCH TO TIGHTEN THE TOP PLATE TO THE STRUT



8

RE INSTALL THE STRUT



THREAD ON THE NUTS BUT DO NOT FULLY TIGHTEN YET



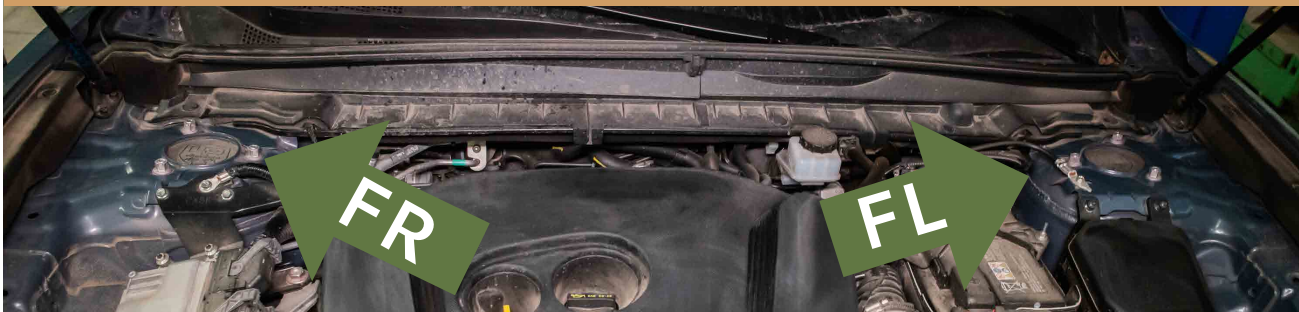
9

FRONT RIGHT

FRONT LEFT



FL AND FR MARKINGS ALWAYS POINTING TOWARDS THE FRONT OF THE VEHICLE



10

BOLT BACK UP THE KNUCKLE TO THE STRUT



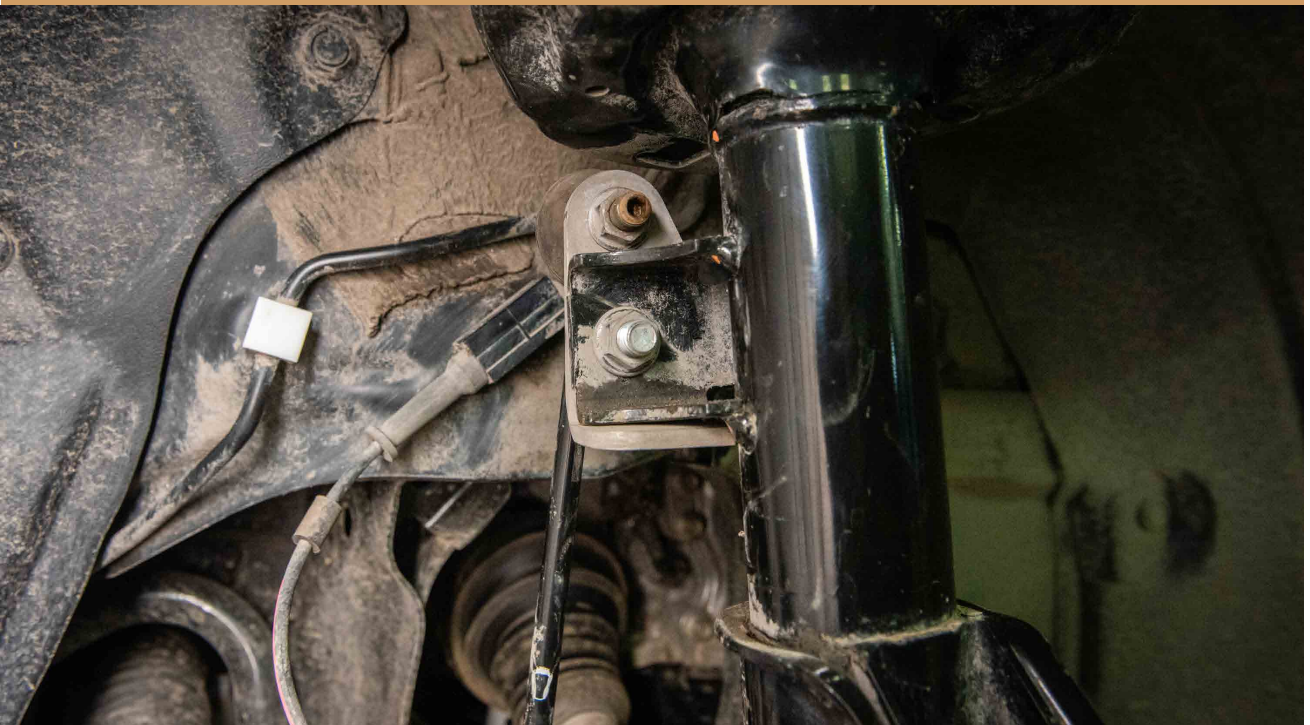
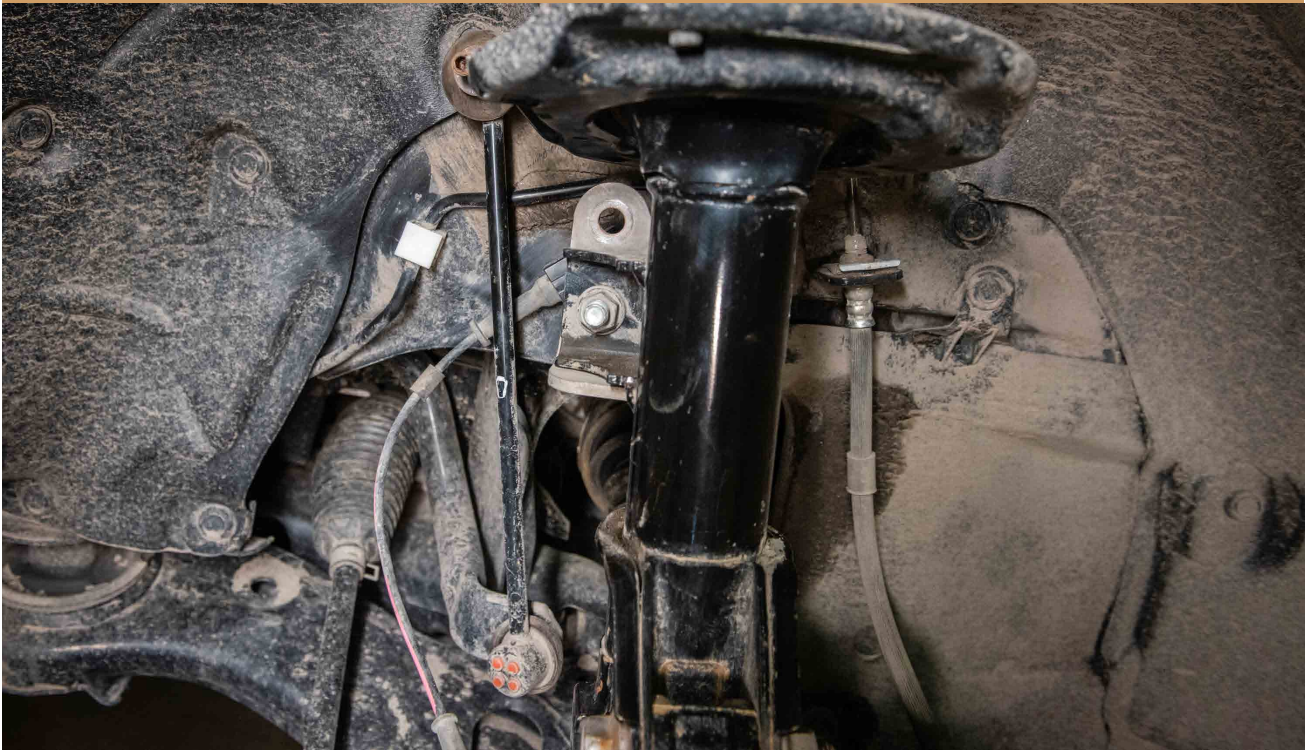
Tighten 164-180 ft/lbs

11

INSTALL THE SWAY BAR LINK EXTENSION BRACKET AND RE INSTALL THE SWAY WAY BAR LINK

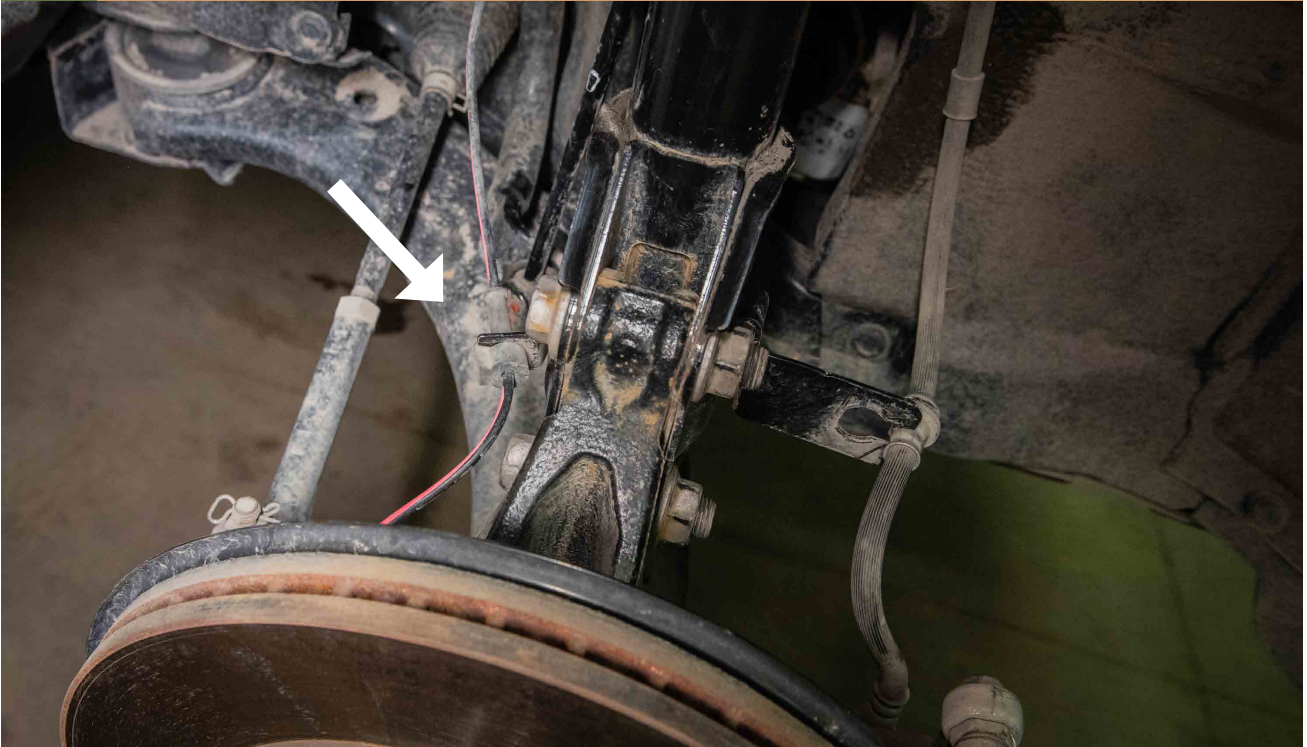


Tighten 34-40 ft/lbs



12

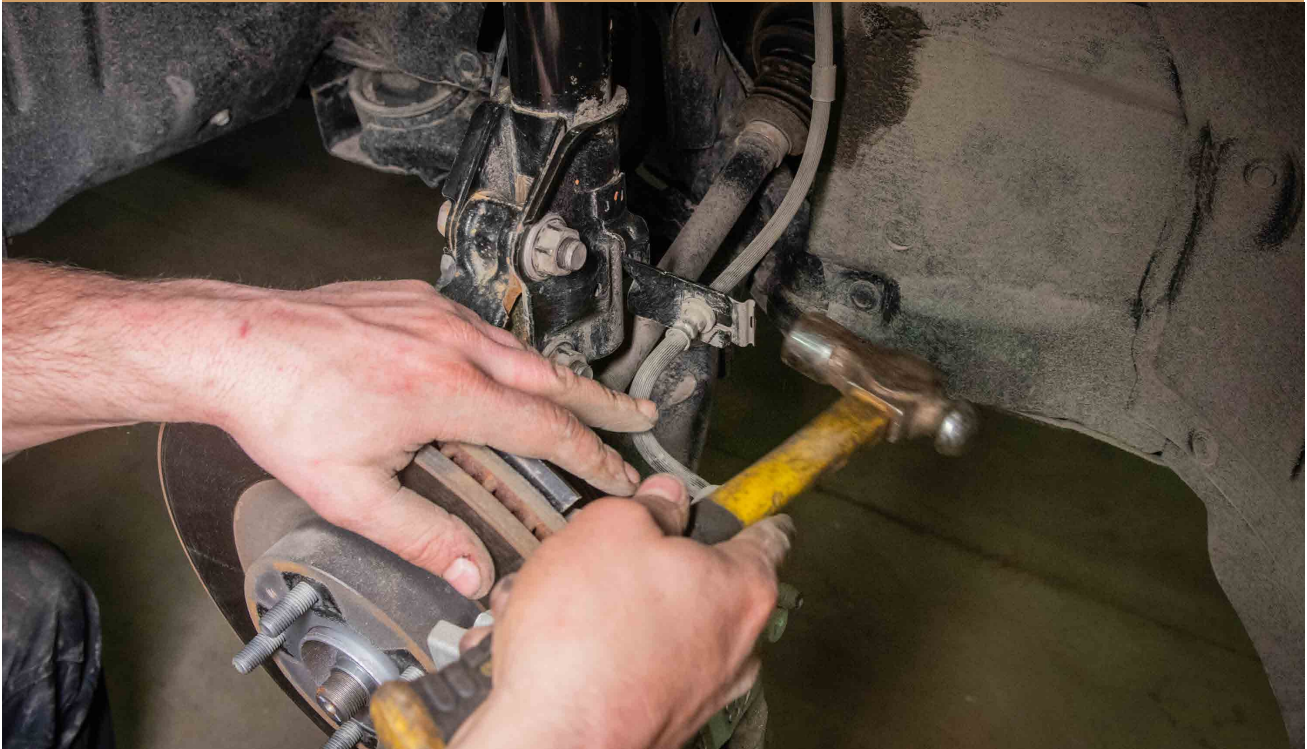
RE CLIP THE ABS SENSOR WIRE



13

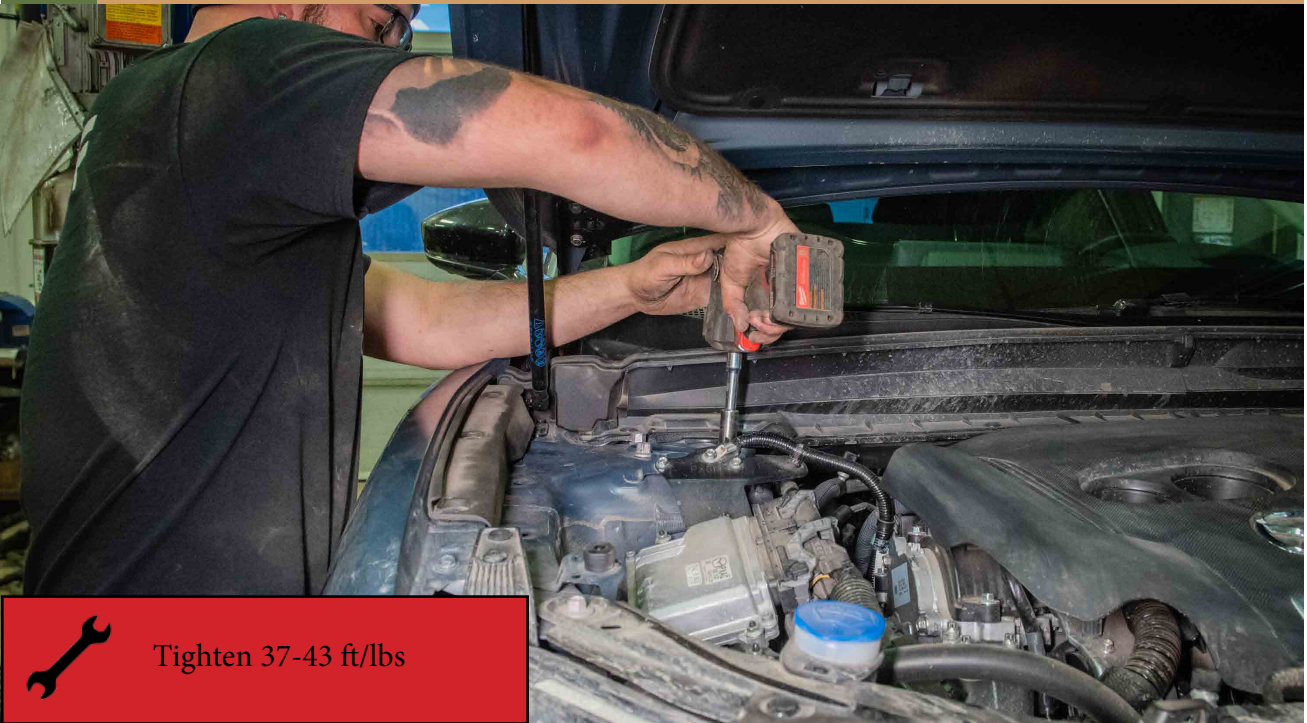
PUT BACK THE BRAKE LINE AND ITS RETAINER CLIP





14

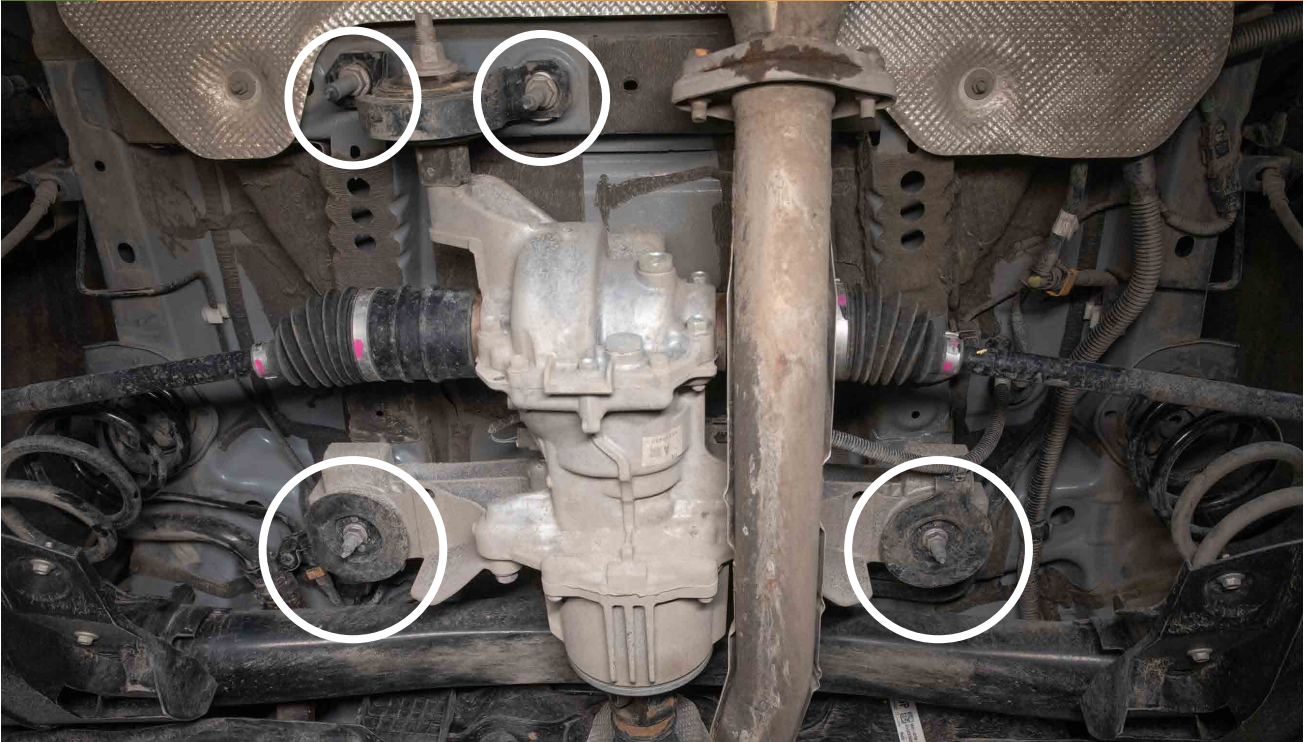
NOW FULLY TIGHTEN THE TOP PLATE BOLTS



Tighten 37-43 ft/lbs

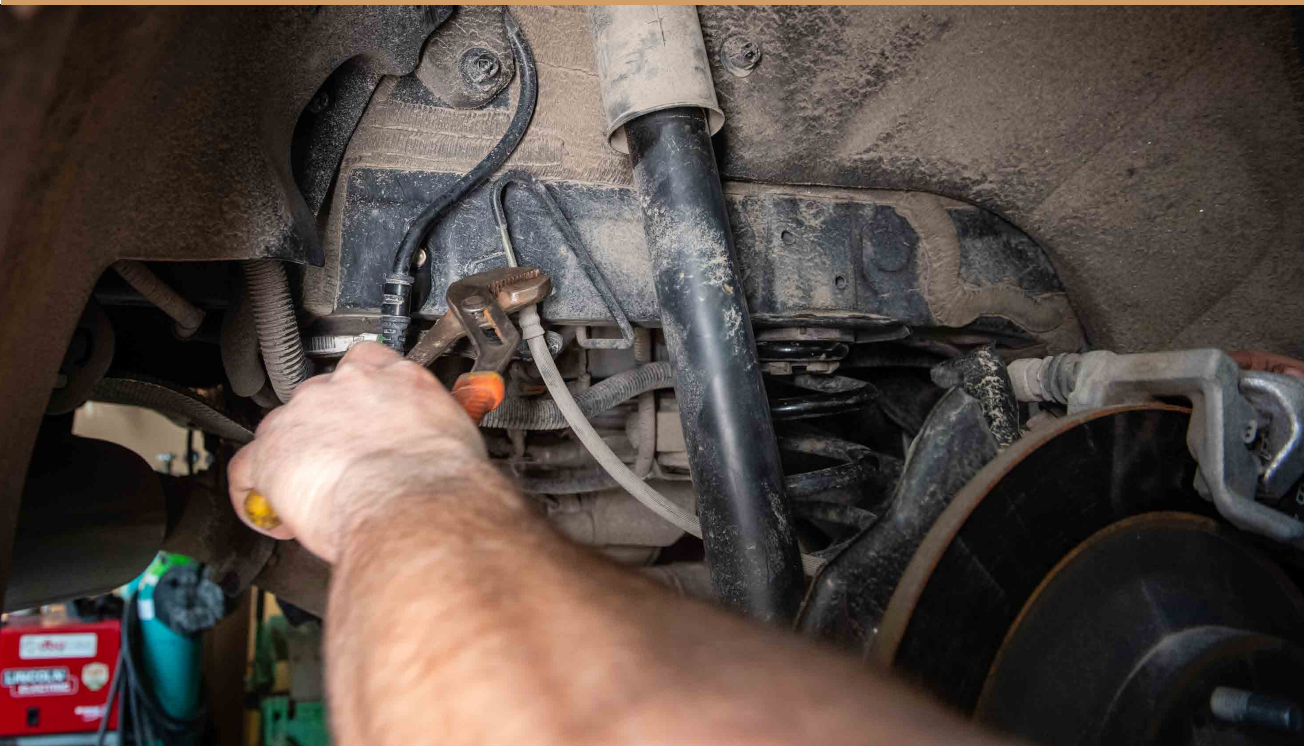
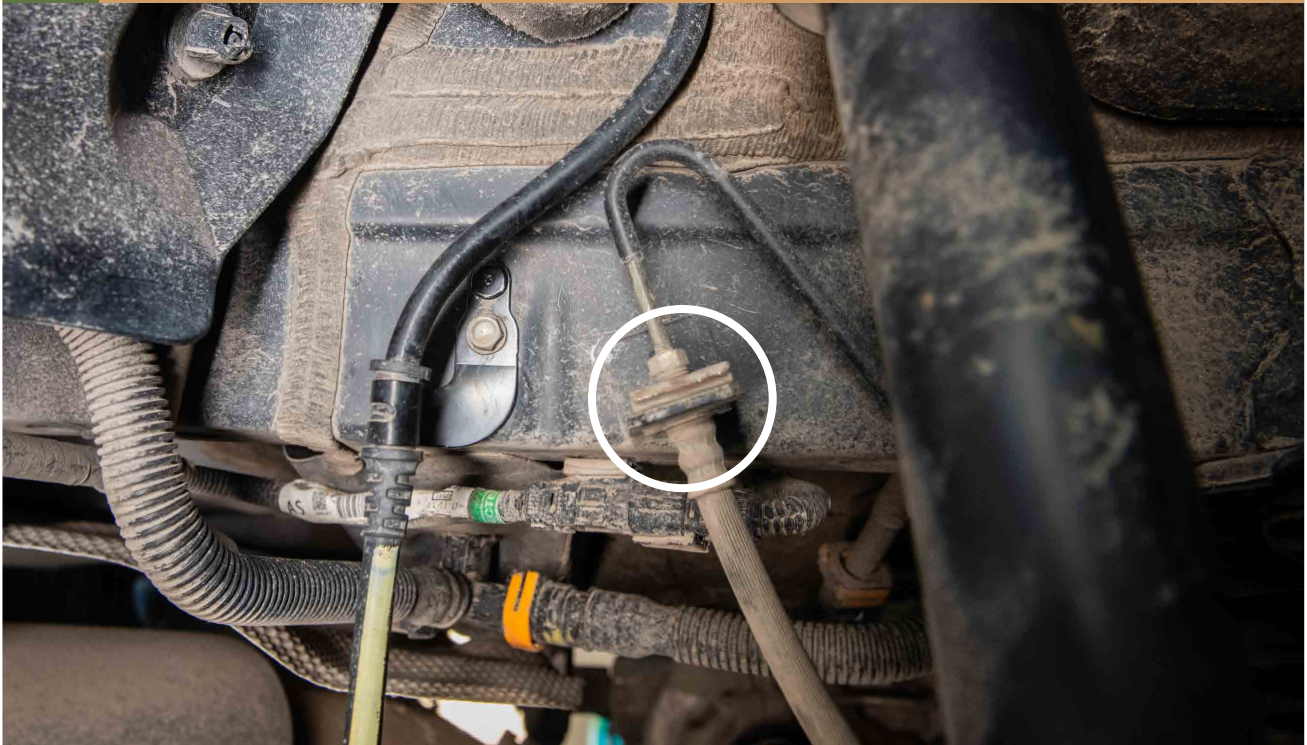
15

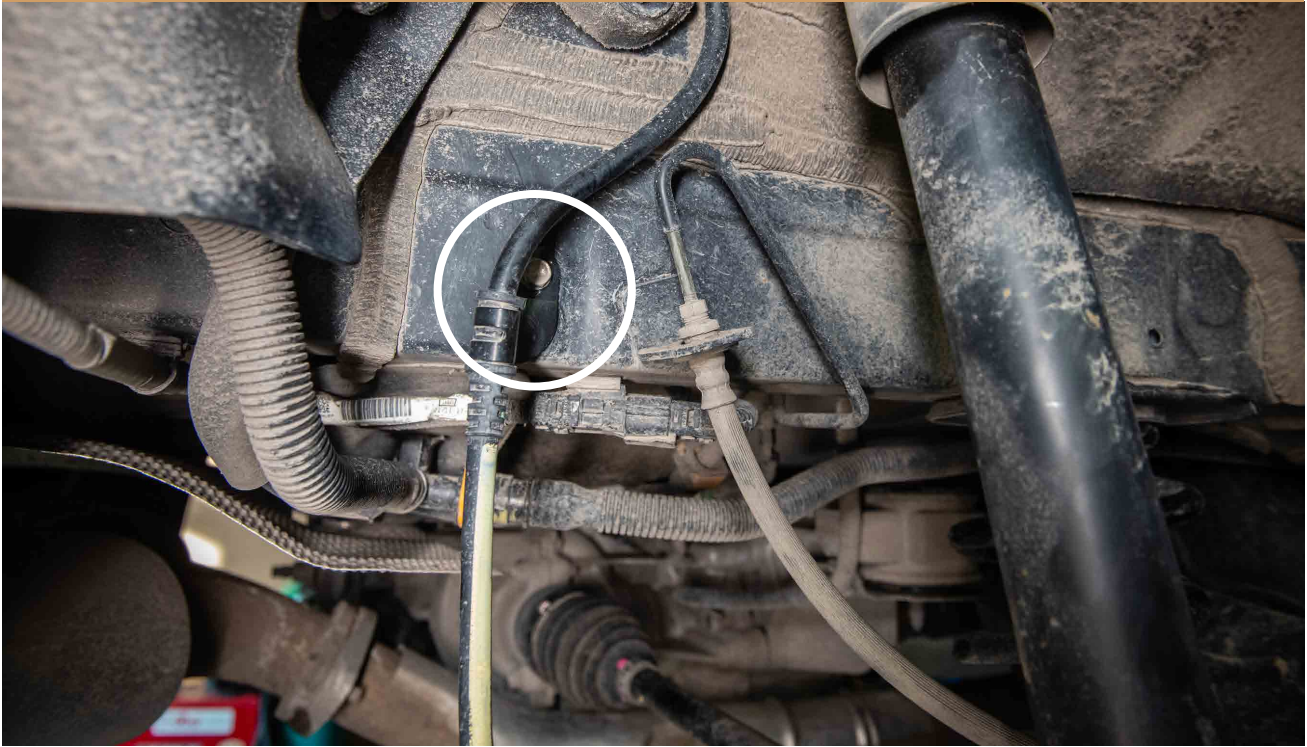
-REAR SUSPENSION-
LOOSEN (BUT DON'T REMOVE) DIFFERENTIAL BOLTS-ABOUT 3/4 INCH



16

REMOVE THE RETAINER CLIP FROM THE BRAKE LINE BRACKET





17

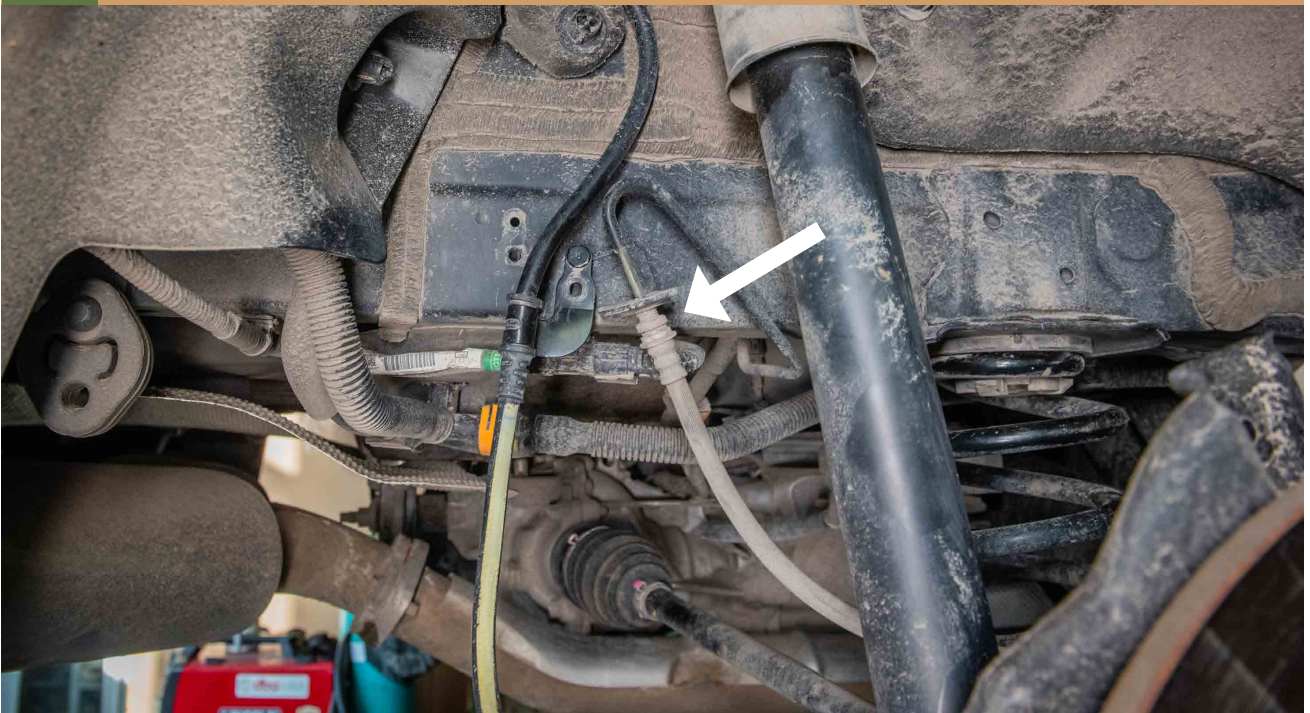
REMOVE HAND BRAKE WIRE BRACKET





18

REMOVE THE BRAKE LINE FROM ITS BRACKET



19

UNBOLT THE LOWER HANDBRAKE WIRE BRACKET





20

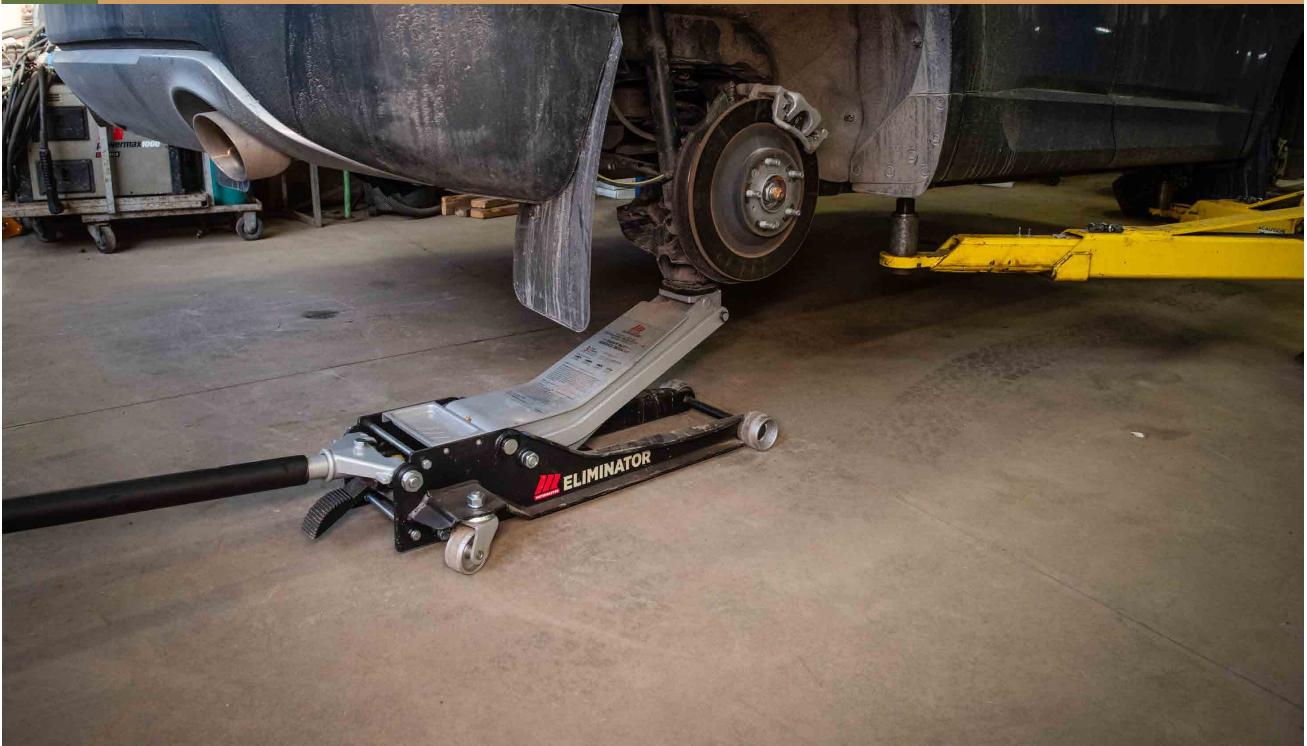
LIFT UP THE FABRIC FENDER COVER
AND LOOSEN THE BOLT (DO BOTH SIDES)

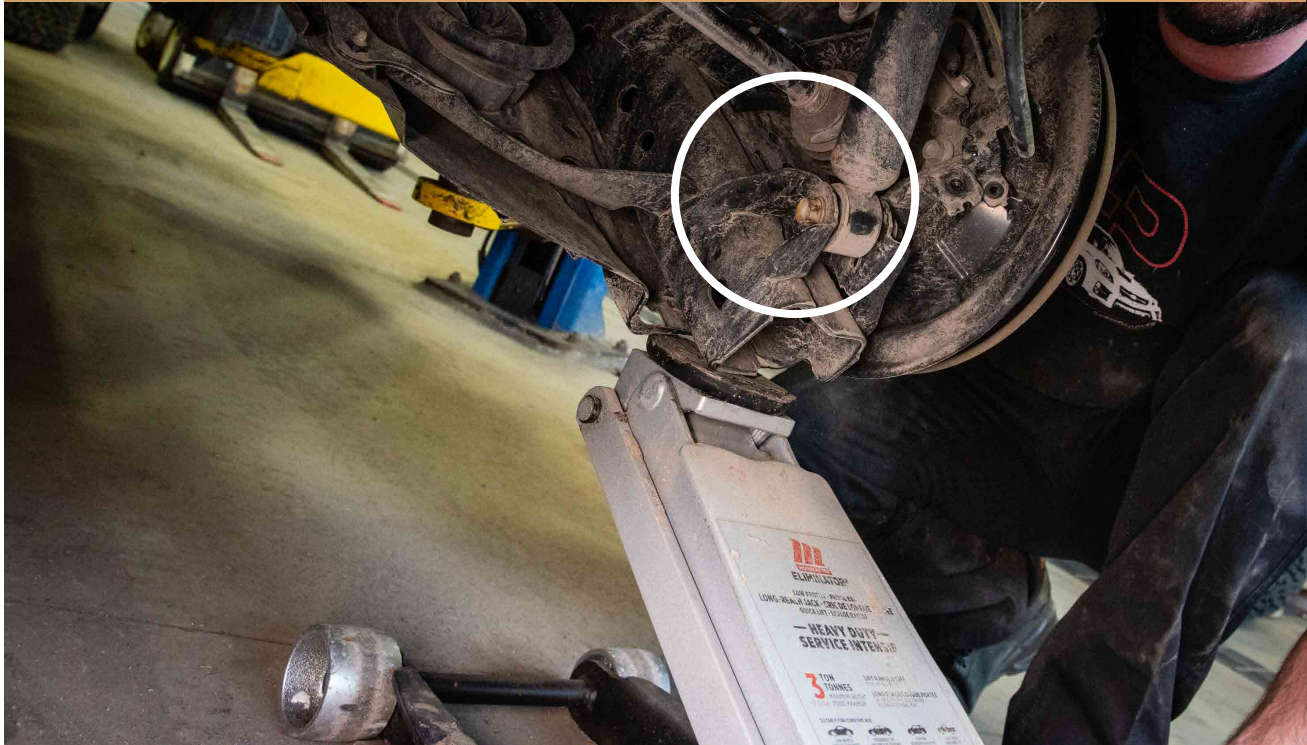


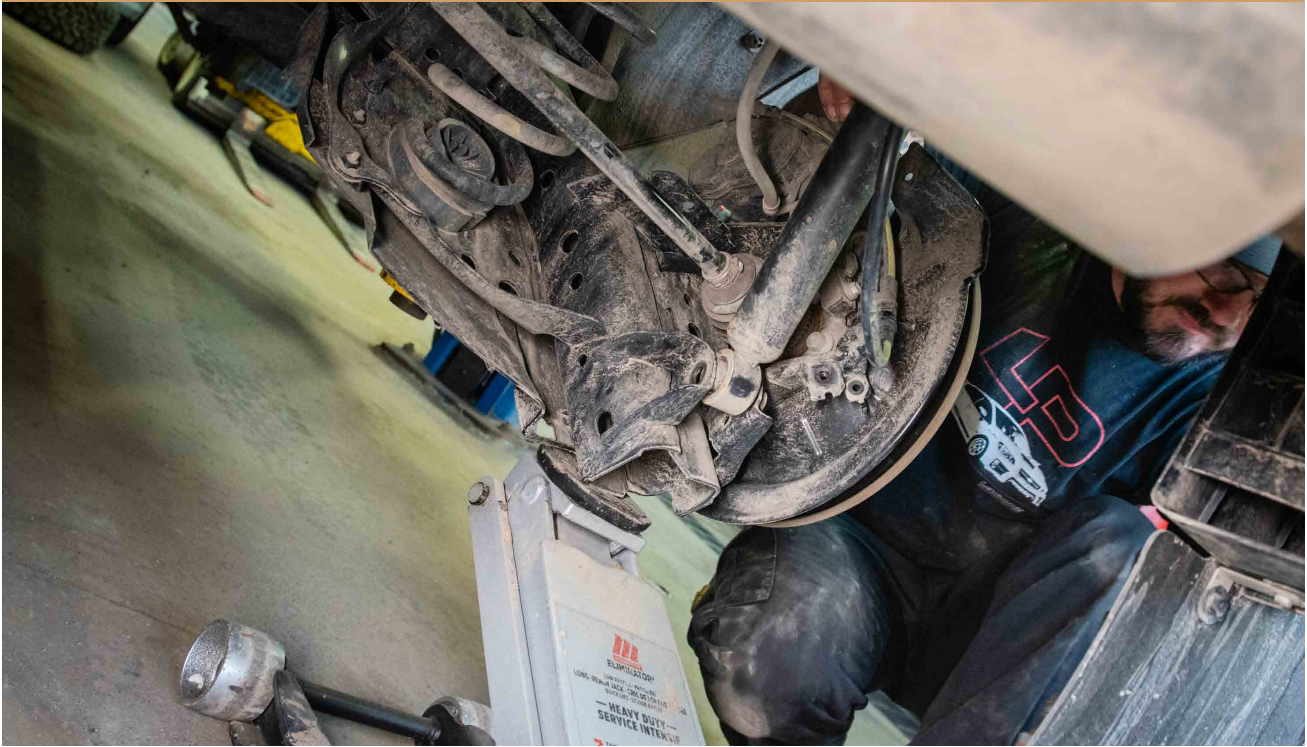


21

USE A JACK TO RAISE THE BACK OF THE SUSPENSION AND UNBOLT THE BOTTOM OF THE STRUT







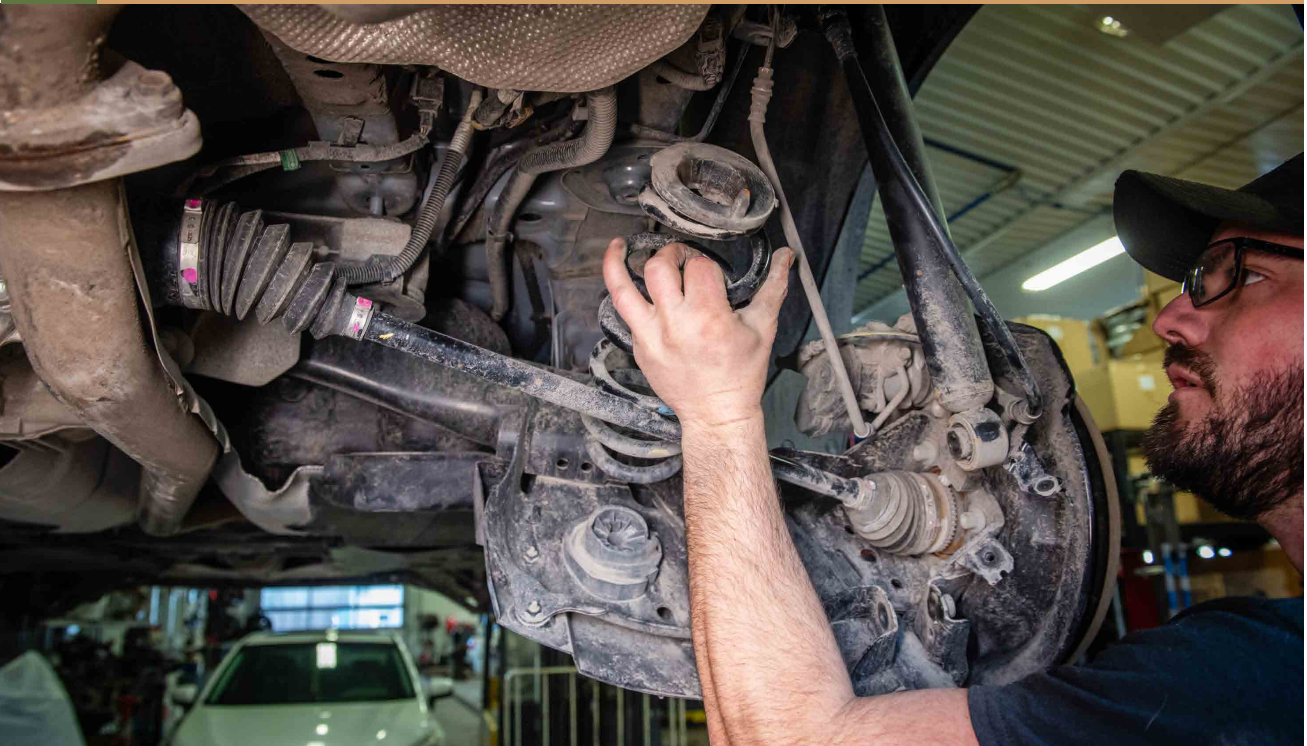
REPEAT ON THE OTHER SIDE





22

YOU CAN NOW REMOVE THE COIL SPRING



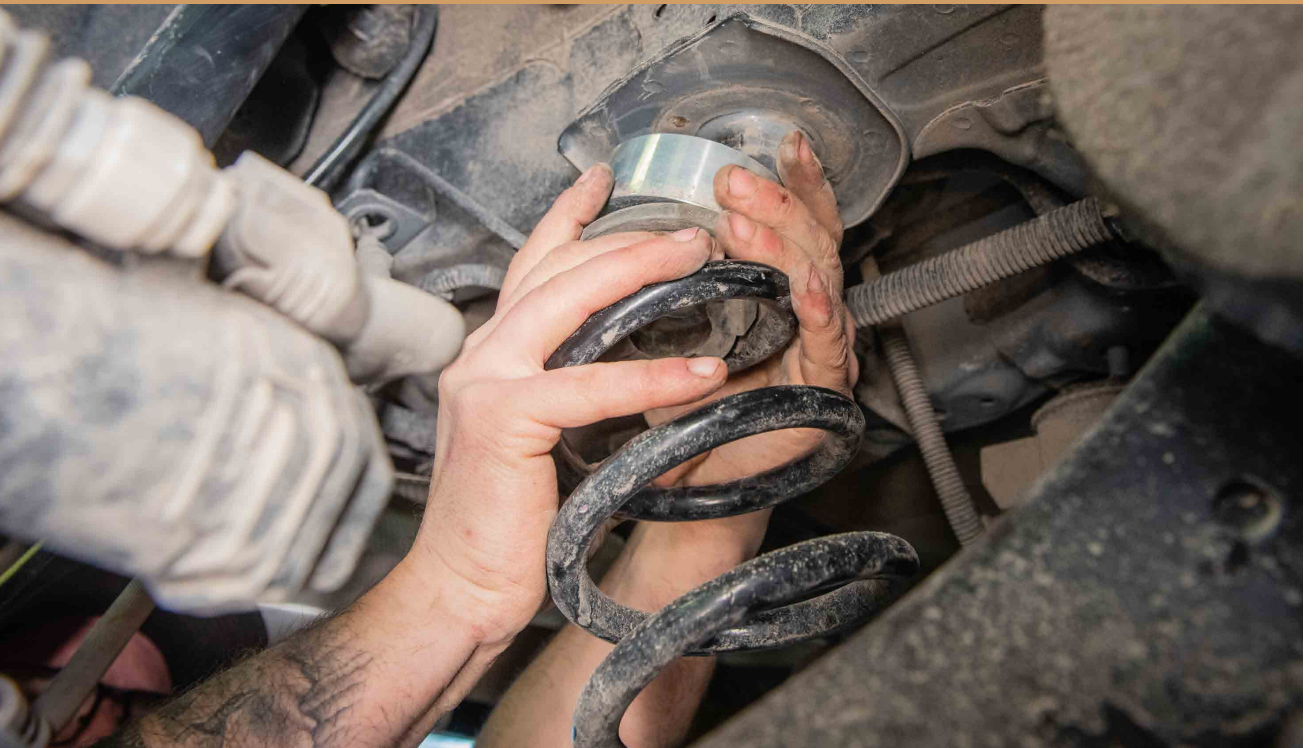
23 INSTALL THE COIL SPRING SPACER ON TOP OF THE SPRING



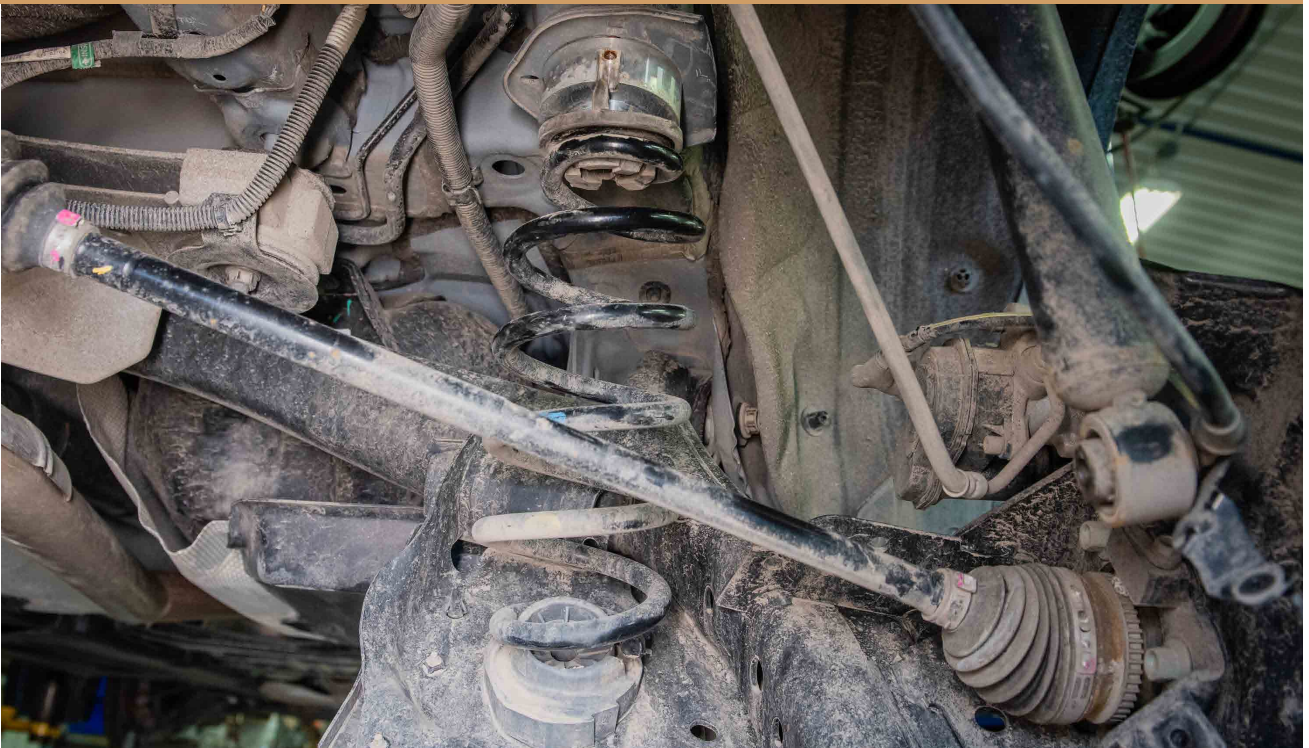
24 RE INSTALL THE COIL SPRINGS ON BOTH SIDES



MAKE SURE THE SPRING END SITS PROPERLY IN ITS SEAT

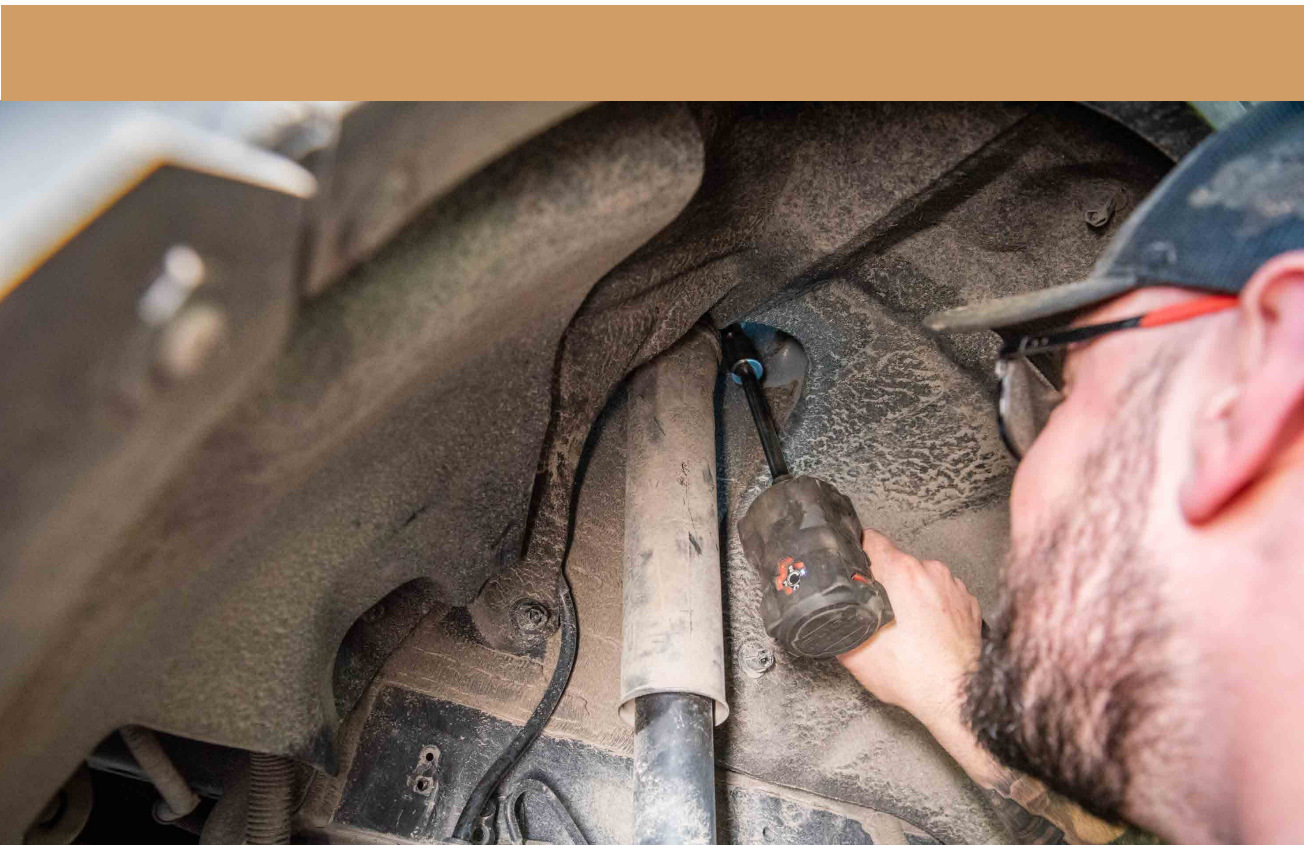


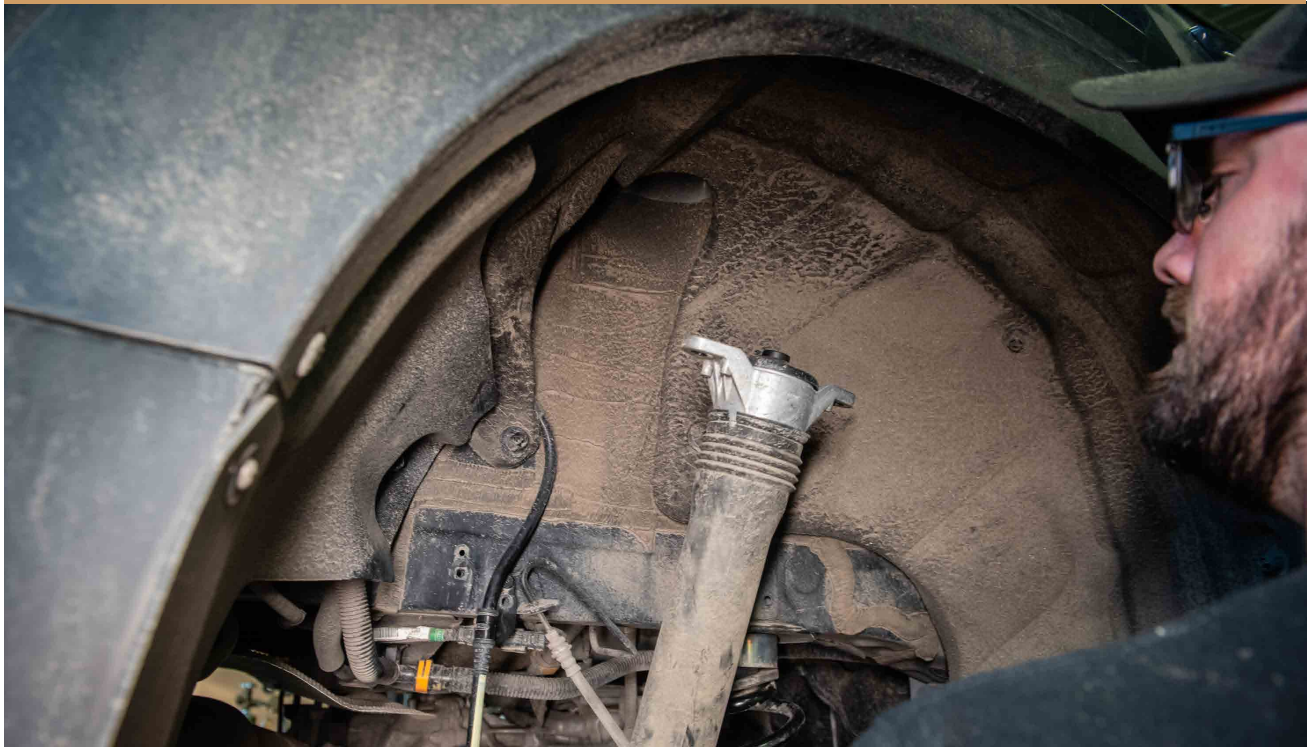
MAKE SURE THE DOWEL ON THE SPACER FITS
INSIDE THE NOTCH.



25

UN BOLT AND REMOVE THE SHOCK





26 INSTALL THE SHOCK SPACERS. MAKE SURE THE ARROW POINTS TOWARDS THE FRONT OF THE VEHICLE AND THAT THE CORRECT SIDE IS USED

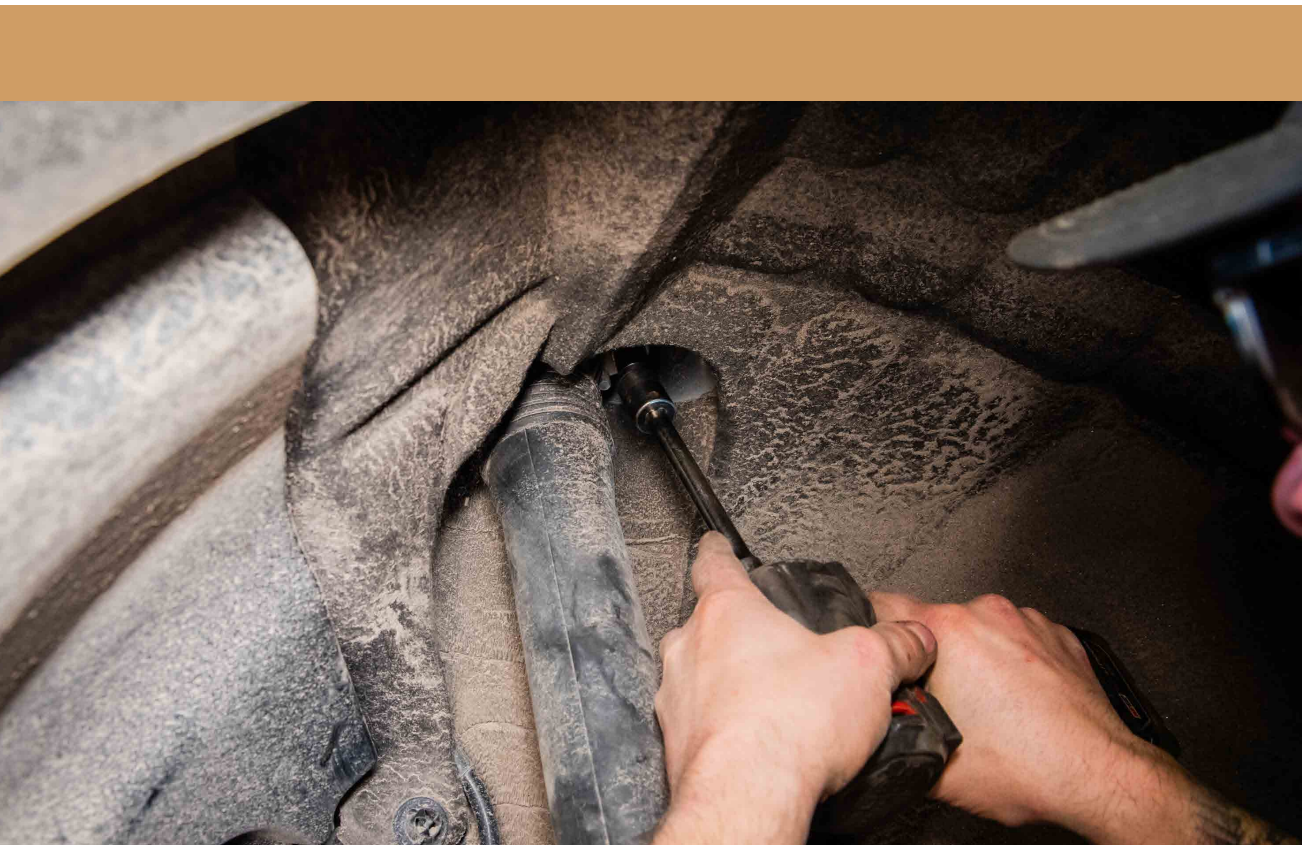






27

ATTACH THE SHOCKS TO THE SHOCK SPACERS





REPEAT ON OTHER SIDE



28

INSTALL THE DIFF SPACERS IN BETWEEN THE DIFF AND BODY OF THE VEHICLE



29

TIGHTEN BACKUP THE DIFFERENTIAL

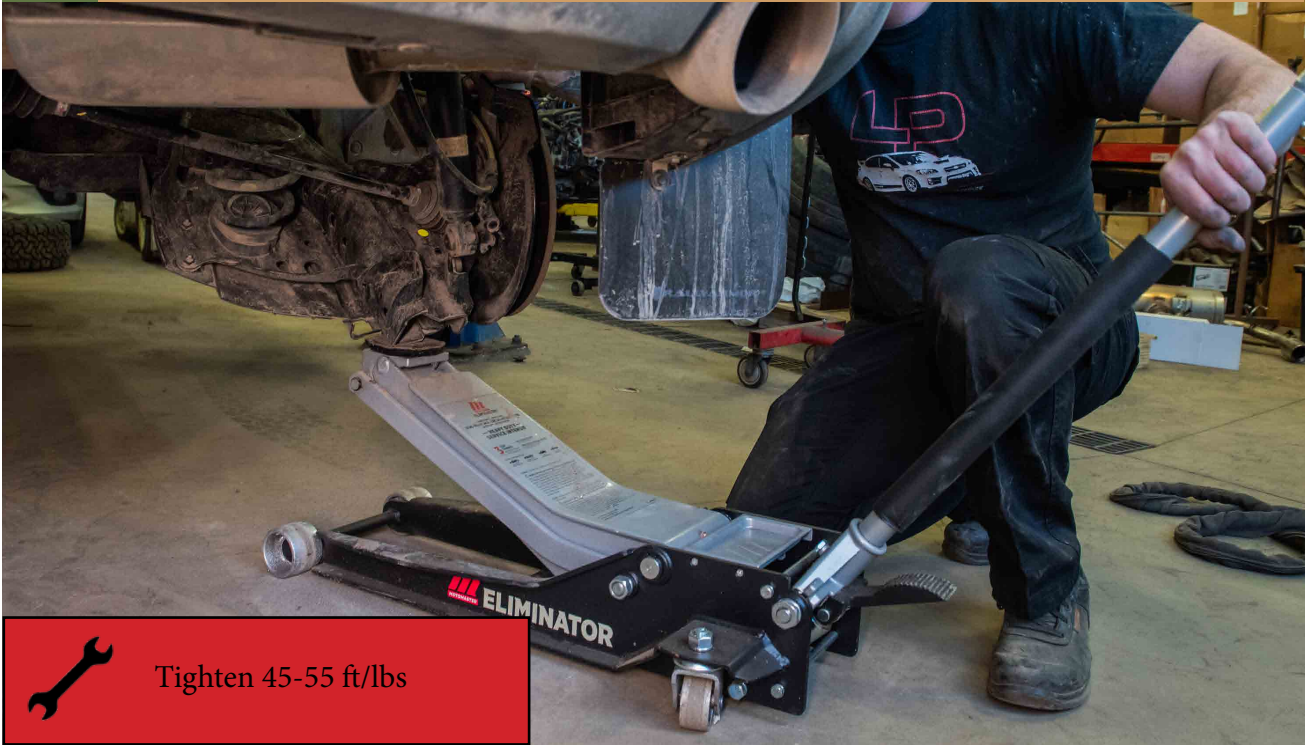


Tighten 34-44 ft/lbs

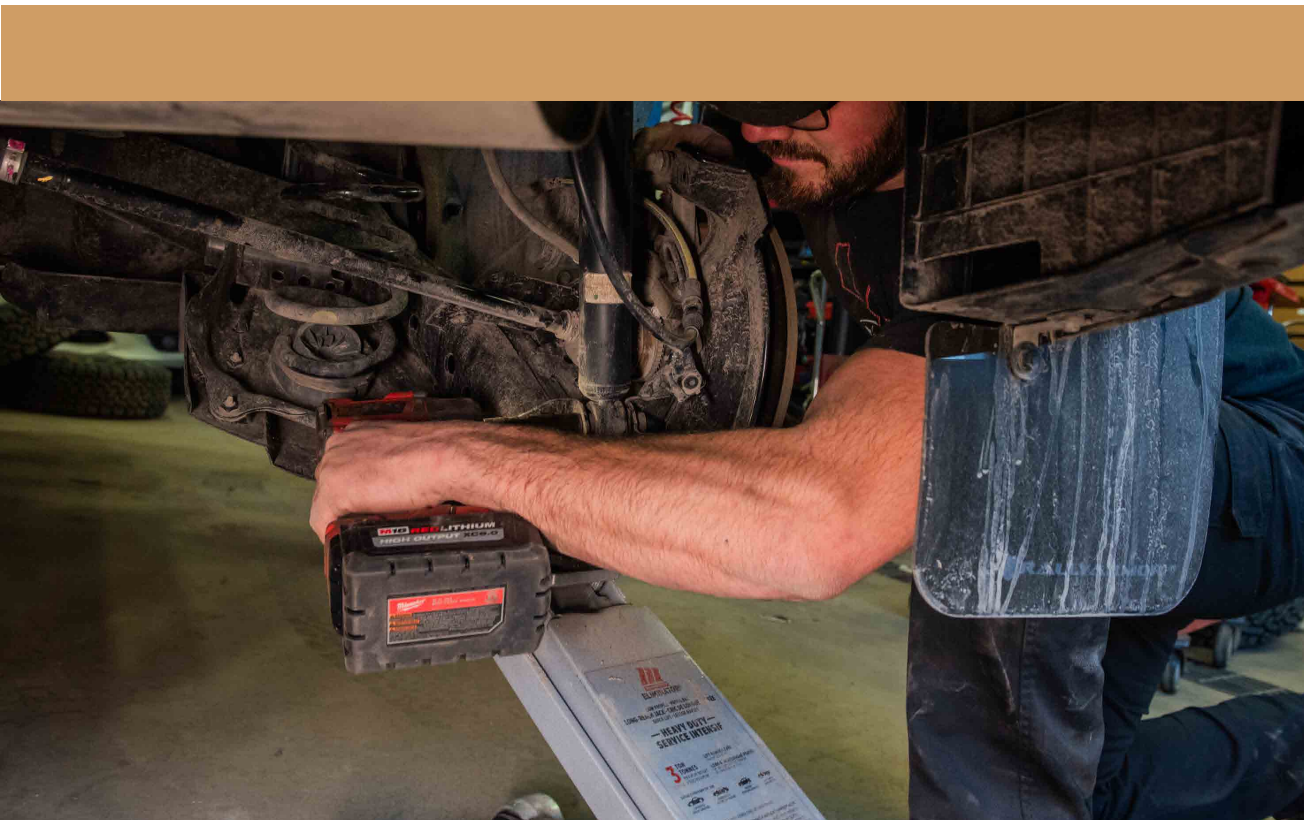


30

USING A JACK, RAISE THE BACK UP IN ORDER TO BOLT BACK UP THE SHOCK



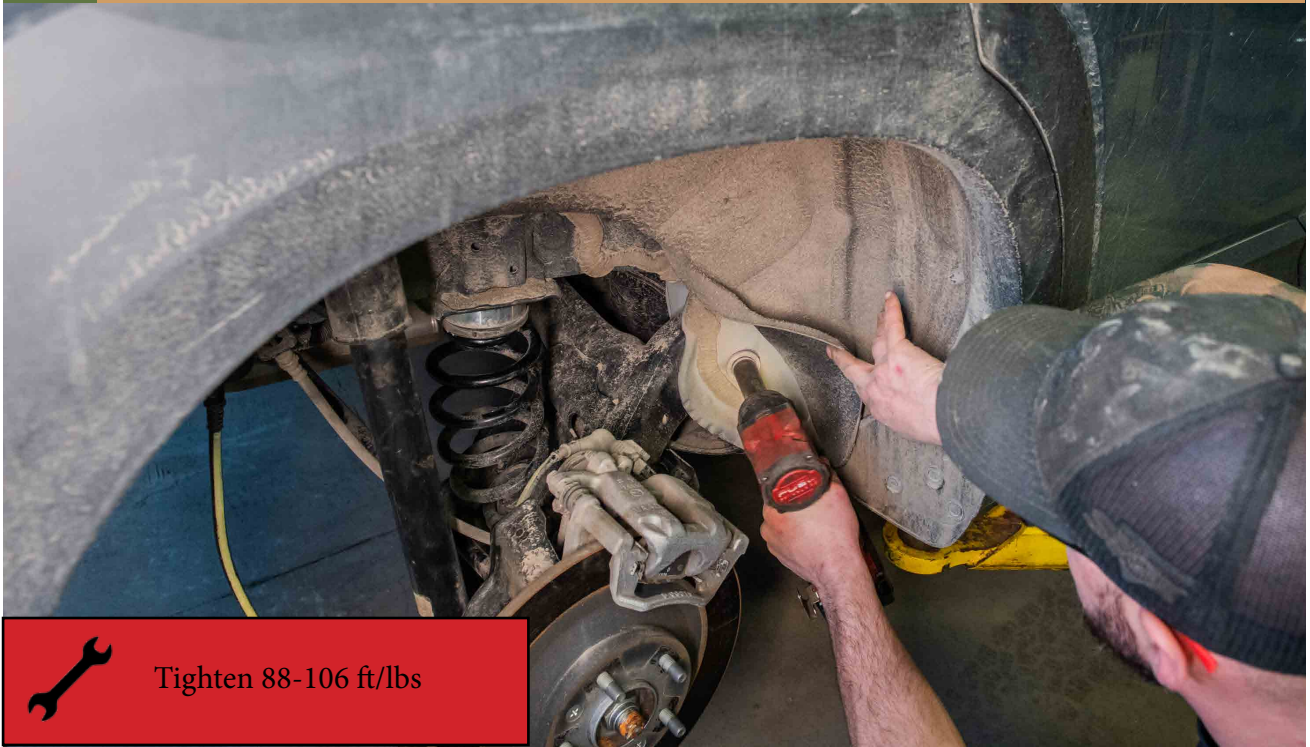
Tighten 45-55 ft/lbs



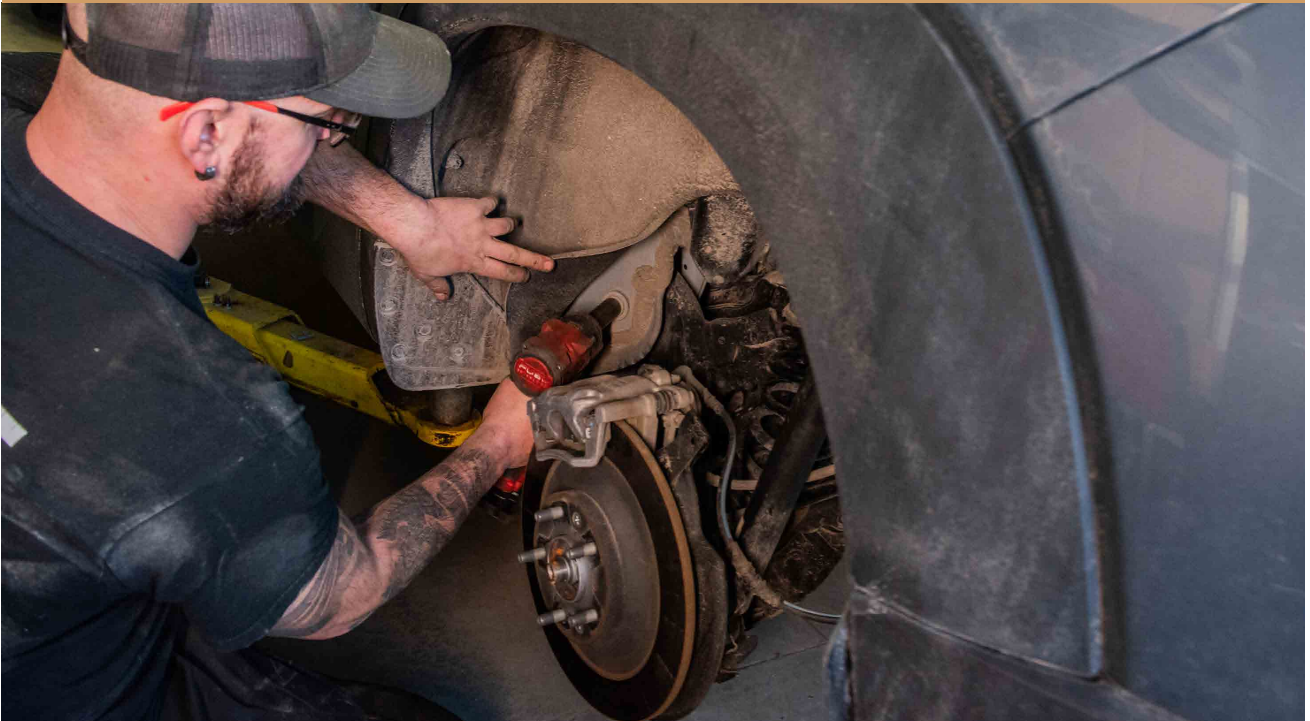


31

TIGHTEN BACK UP THE SUSPENSION ARM BOLTS

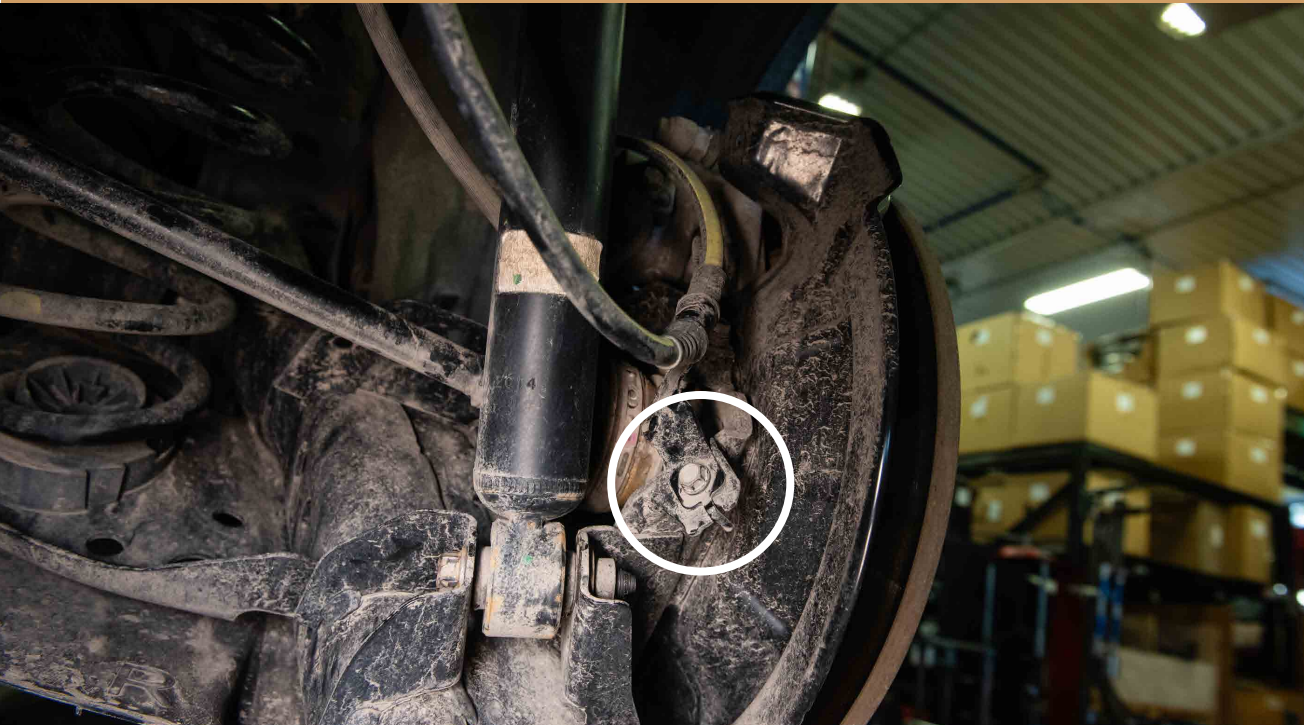
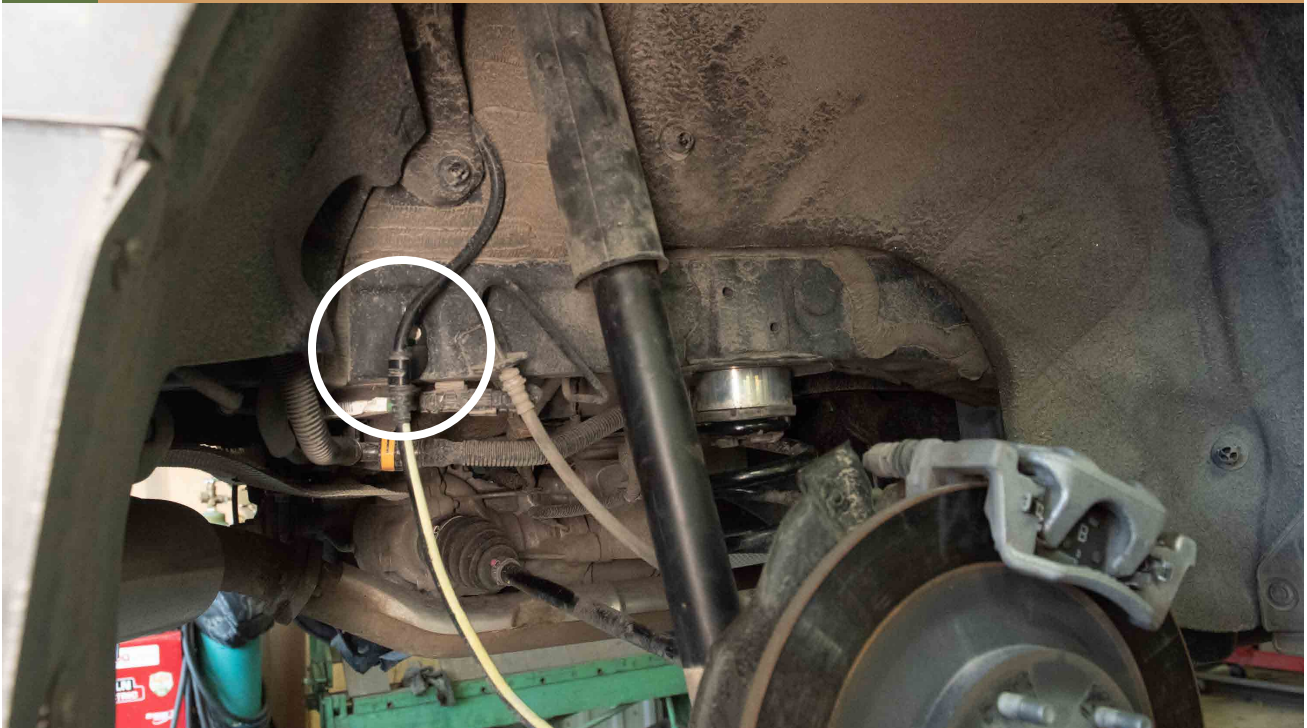


Tighten 88-106 ft/lbs



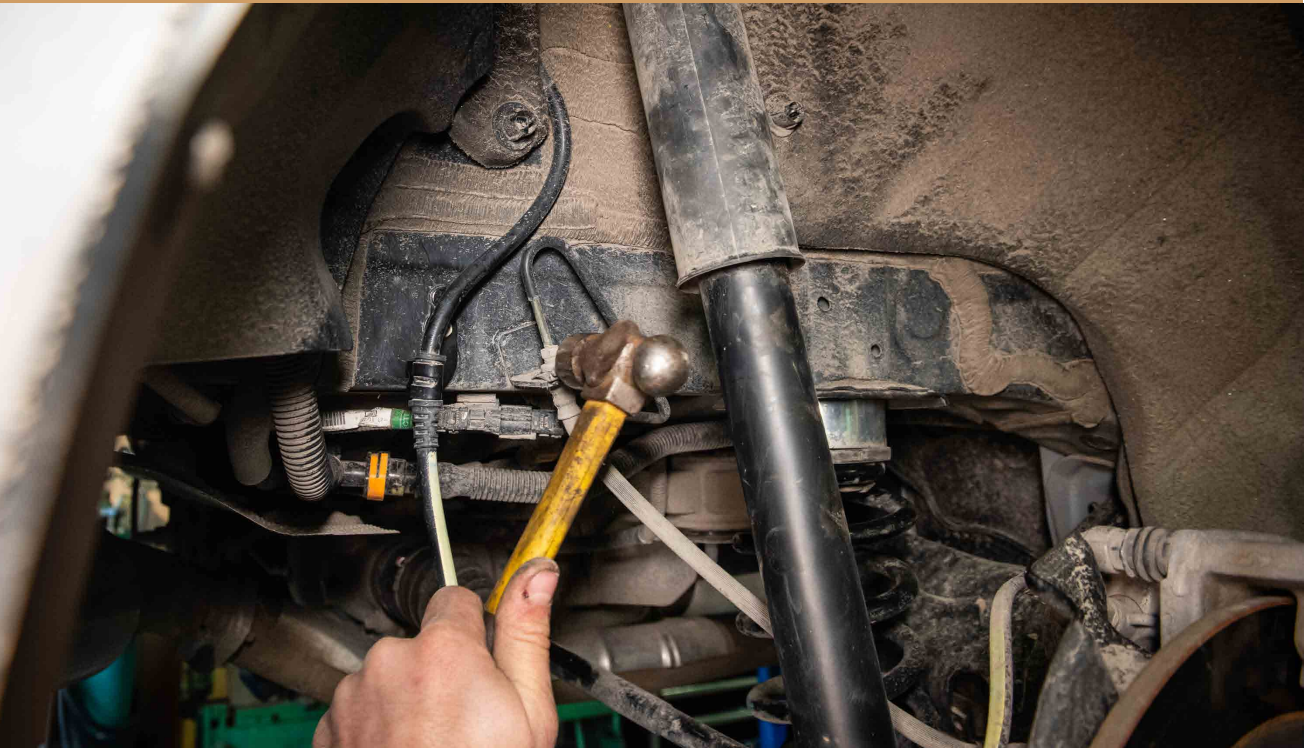
32

RE INSTALL THE HANDBRAKE WIRE BRACKETS



33

PUT BACK THE BRAKE LINE AND RE INSTALL THE CLIP
*MAKE SURE THE CLIP GOES IN STRAIGHT



34

PUT BACK WHEELS



INSTALLATION COMPLETE!



▼
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-prod->**



**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 :
SALES@LPAVENTURE.COM
WWW.LPAVENTURE.COM**

NOW, ENJOY THE RIDE!