
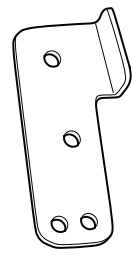
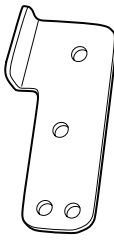
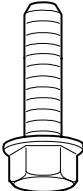
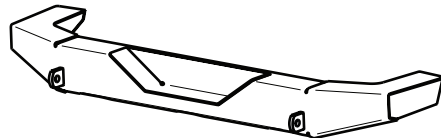

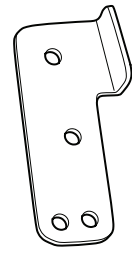
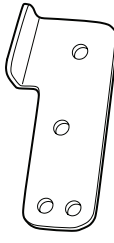
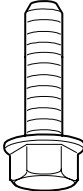

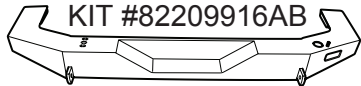


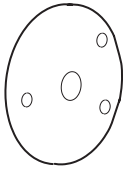
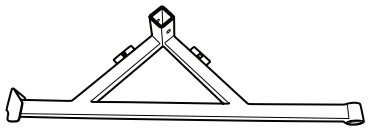



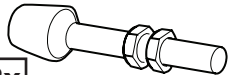
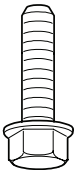
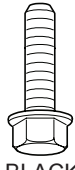
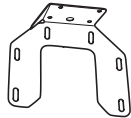

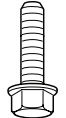

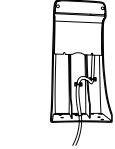
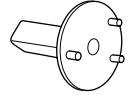
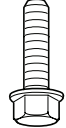








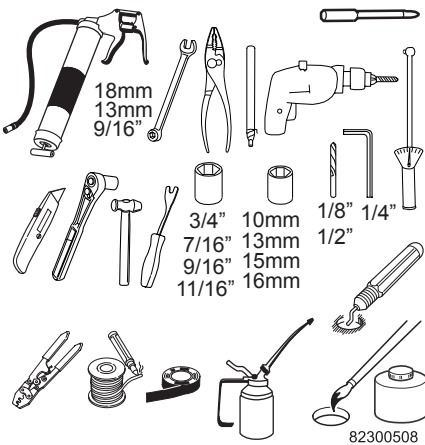




MOPAR®

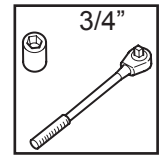
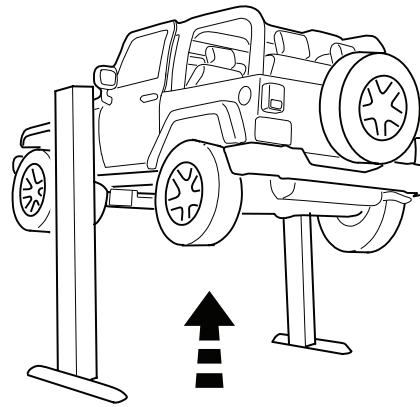
Jeep Wrangler

Rear bumper (Standard), Rear Bumper (with Tire Carrier) and Tire Carrier

Kit # 82209744AD  See steps 1-8		 B LH		 C RH		 D 4x	
 Q							
Kit # 82211718 or 82209916AB Kit # 82211832  See steps 1-5 then 9-42		 B LH		 C RH		 D 4x	
 KIT #82211718							
 KIT #82209916AB							
A							
Kit # 82211832 also requires Kit # 82211718 or # 82209916AB		 L		 K 2x		 N	
 E		 J		 M		 O	
						 P 2x	
						 W 2x	
						 S 4x BLACK	
 F		 H		 R 2x SILVER		 U 6x	
 G		 I		 T		 V 2x	
				 V 1x		 Y 2x	
				 Y 2x		 Z 2x	
				 Z 2x		 AD	
				 AD		 18mm 13mm 9/16" 3/4" 10mm 1/8" 1/4" 7/16" 13mm 1/2" 9/16" 15mm 11/16" 16mm 82300508	

1. Raise vehicle
2. Remove tire only if installing Kit # 82211832 only. Save nuts for re-use in steps 27 & 29.

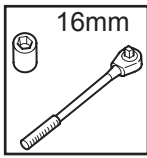
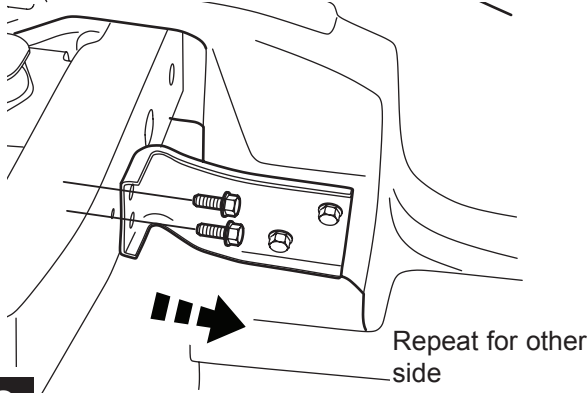
 See steps 27 & 29



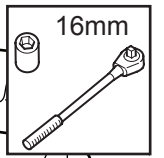
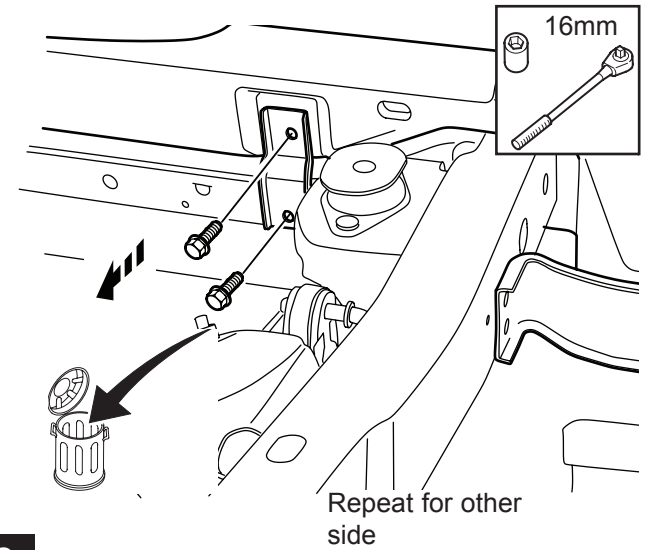
1

Re-use bolts when installing Bumper Kits # 82209744AD, 82209916AB, 82209744AB and 82211718.

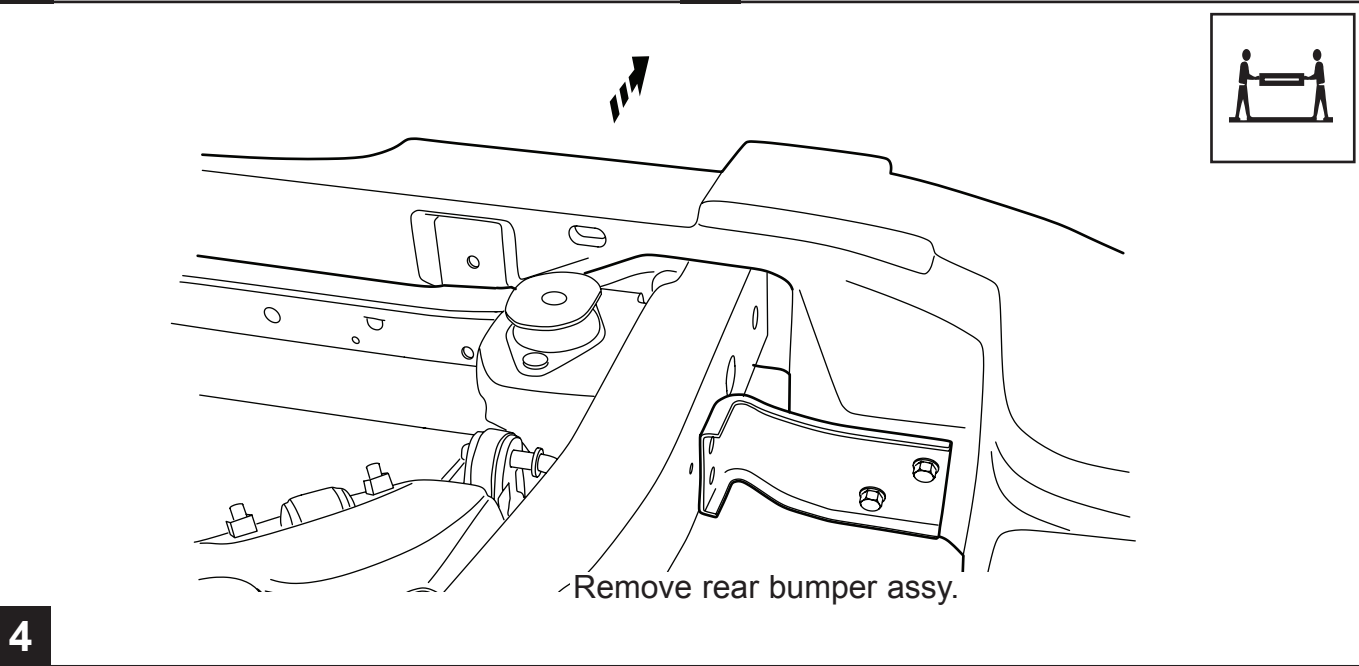
 See steps 6 and 10



2



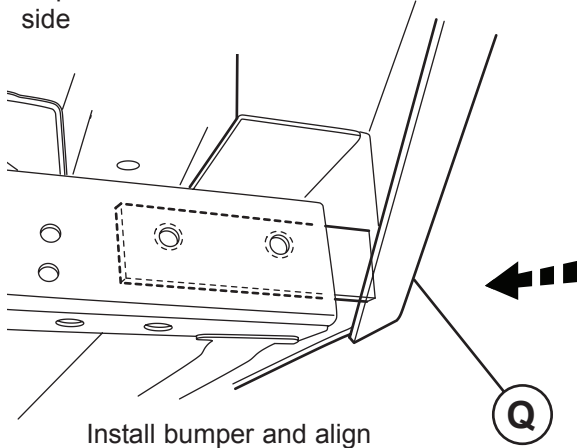
3



4

Install Bumper Kit #82209744AD

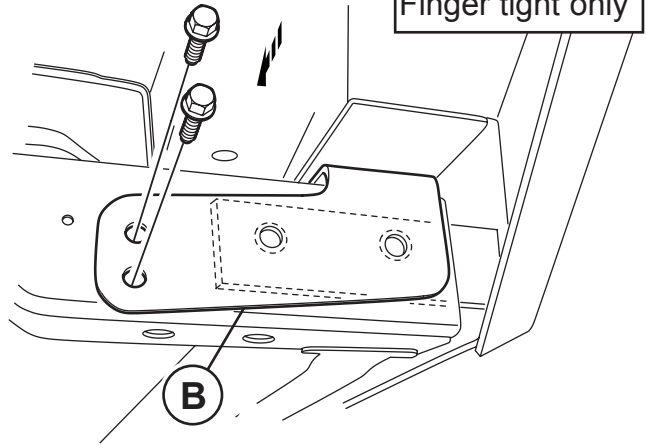
Repeat for other side



Install bumper and align weldnuts in bracket to frame holes.

5

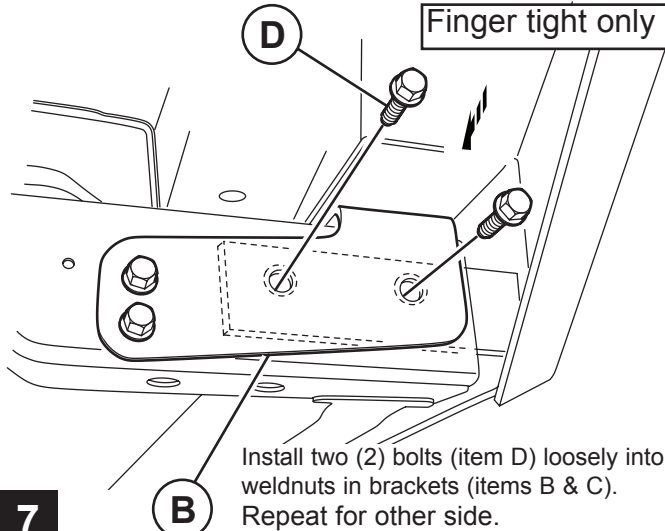
Finger tight only



Position bracket (item B) to align all four (4) holes. Loosely install bolts removed in step 2 - Repeat with bracket (item C) on opposite side.

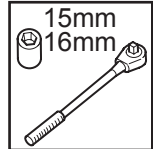
6

Finger tight only



Install two (2) bolts (item D) loosely into weldnuts in brackets (items B & C). Repeat for other side.

7



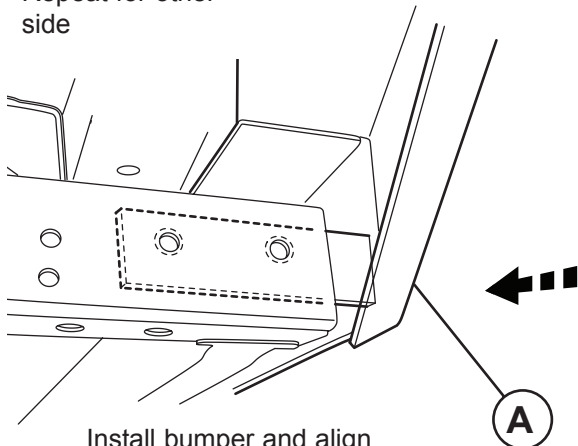
Visually inspect and align bumper for best appearance. Once properly aligned, torque bolts to the following torque requirements:

Factory Bolts: 48 ft-lbs (65 N.m)
Item D Bolts: 85 ft-lbs (115 N.m)

8

Install Bumper Kit #82209916AB, #82211718 and Tire Carrier Kit #82211832

Repeat for other side

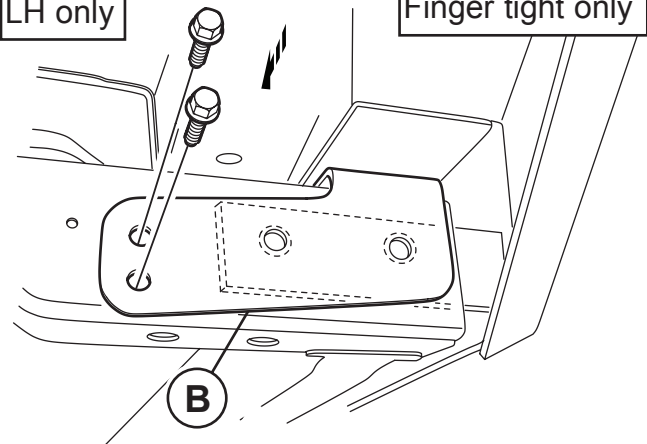


Install bumper and align weldnuts in bracket to frame holes.

9

LH only

Finger tight only

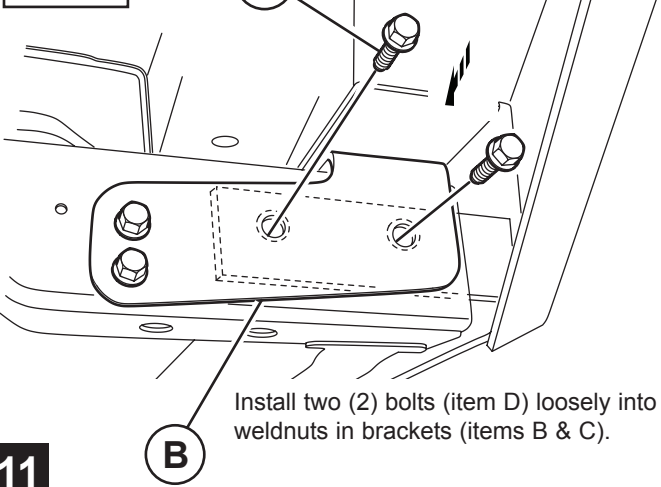


Position bracket (item B) to align all four (4) holes. Loosely install bolts removed in step 2.

10

LH only

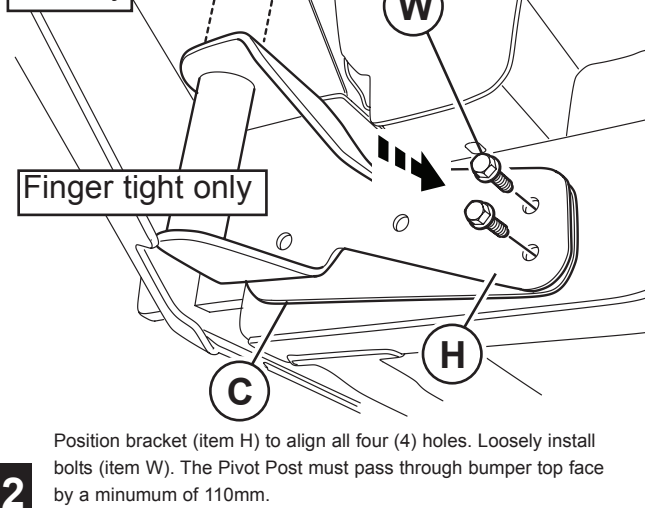
Finger tight only



11

RH only

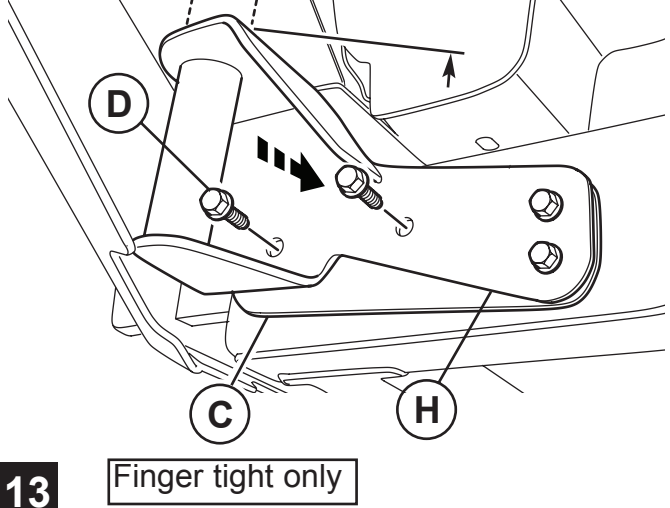
Finger tight only



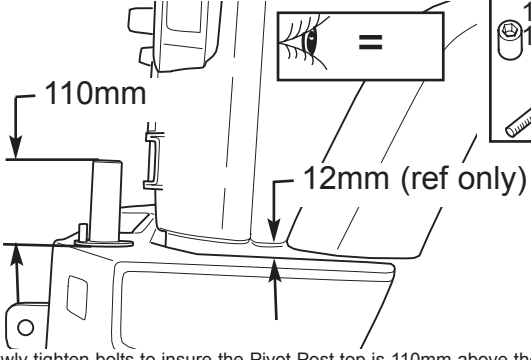
12

RH only

110mm



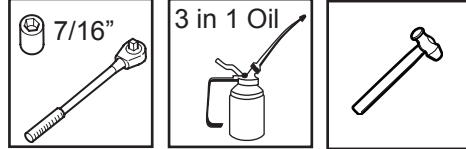
13



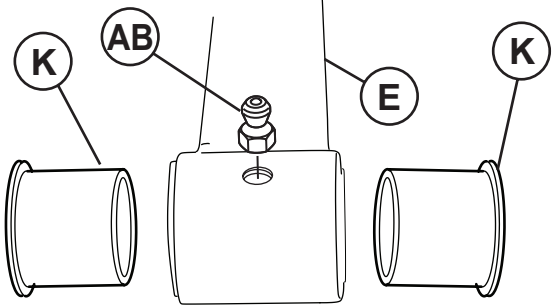
Slowly tighten bolts to insure the Pivot Post top is 110mm above the Bumper Face and that the Bumper to Face is parallel to the Fender Flare bottom. Once bumper is adjusted, torque bolts:

Factory Bolts: 48 ft-lbs (65 N.m)
Item D Bolts: 85 ft-lbs (115 N.m)
Item W Bolts: 48 ft-lbs (65 N.m)

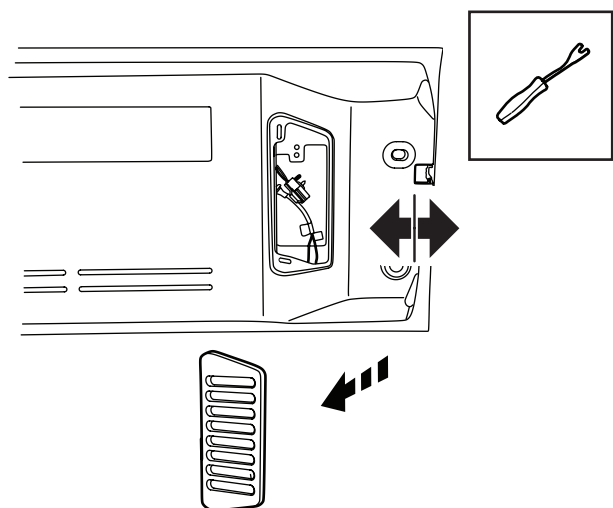
14



Item AB (Grease Fitting) to be lubricated after Step 42 is complete



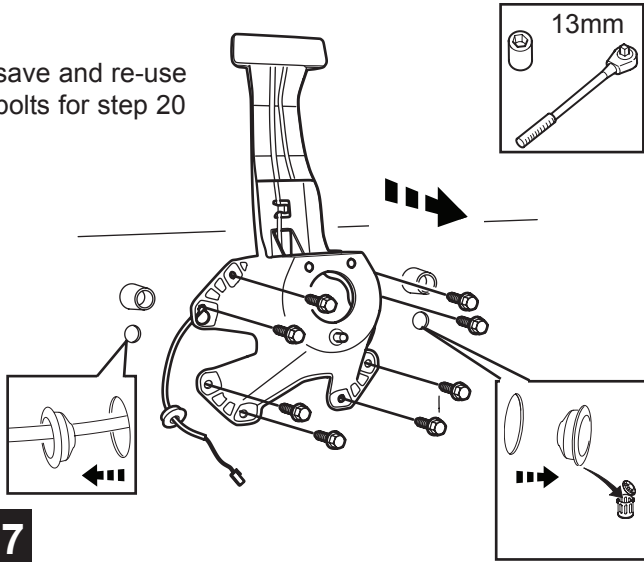
15



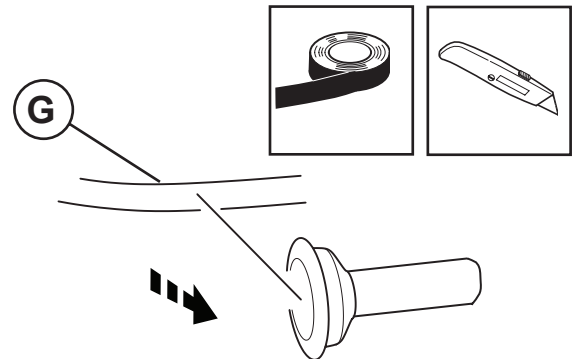
Remove trim panel to access CHMSL wire harness and disconnect.

16

save and re-use bolts for step 20

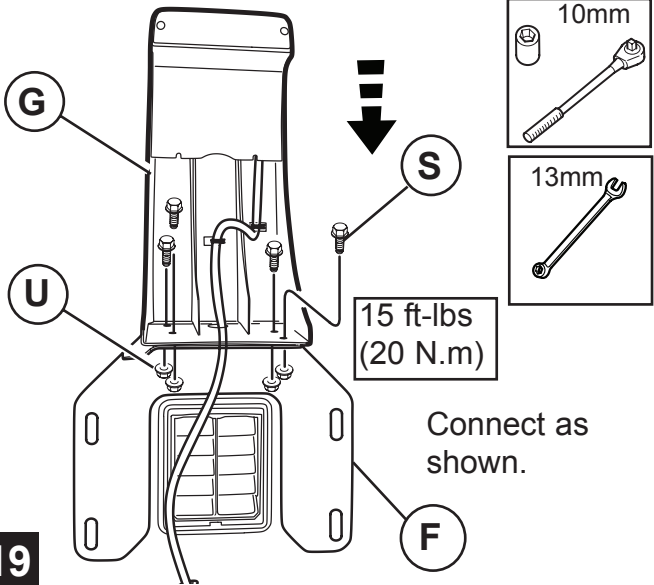


17

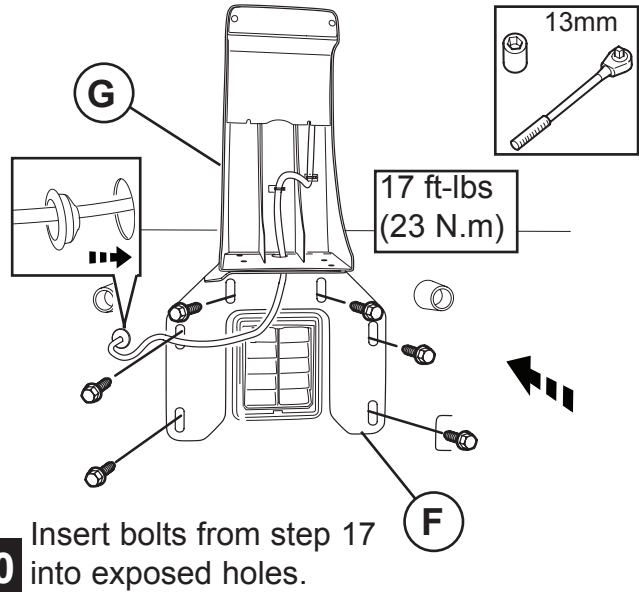


Cut grommet from factory CHMSL harness and install to new CHMSL harness item G.

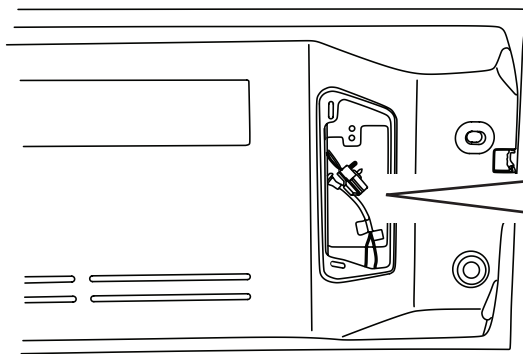
18



19

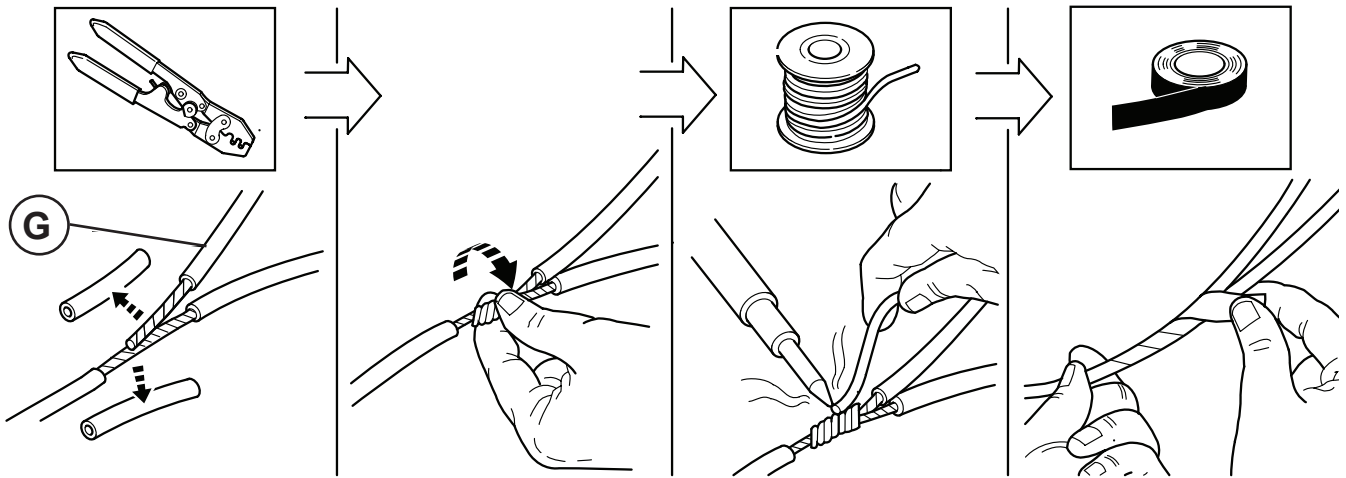


20



Cut connector off from item G harness.

21



Trim back insulation on two (2) wires of item G.

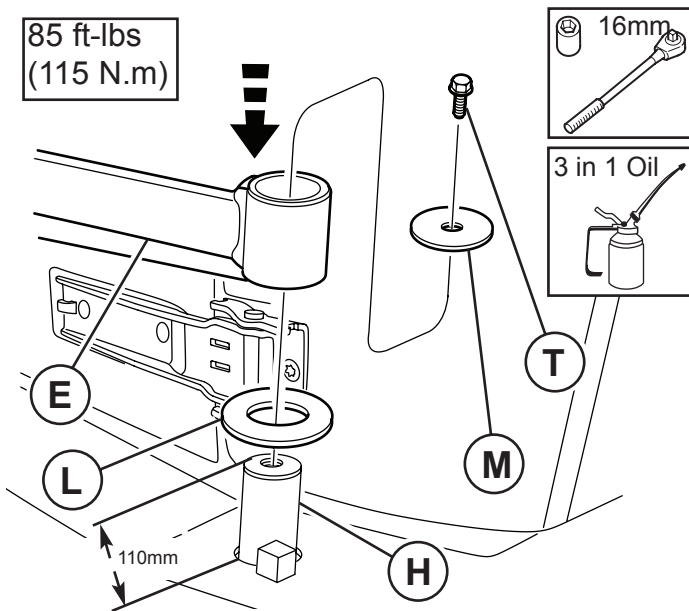
Remove insulation from two wires located on body harness approximately 1" rearward of connector. DO NOT CUT OFF BODY HARNESS CONNECTOR. Expose about 1" of wire.

Twist wires together.

Solder and tape.

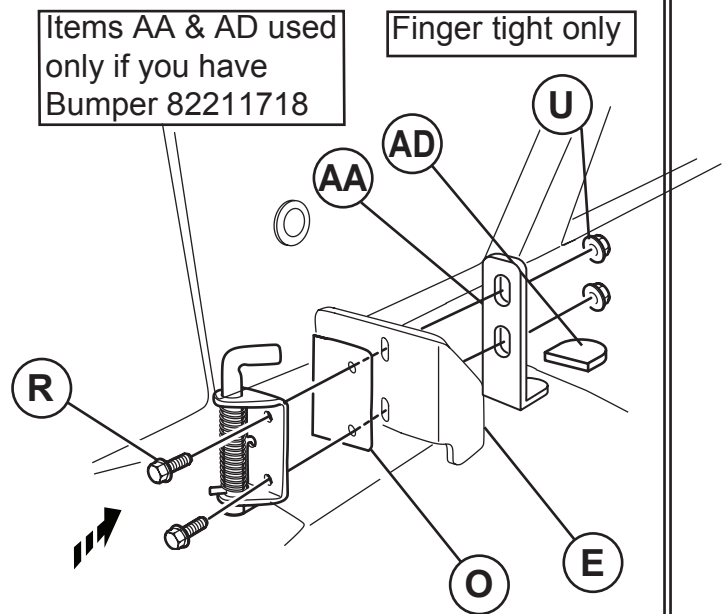
22

Post must be 110mm above bumper face



Re-lubricate post. If rust is present, remove with sandpaper prior to lubrication.

23



Loosely assemble the components shown.

24

Kit # 82209916

**Bumper Kits
82209916AB
& 82201718
skip to step 32**

13mm

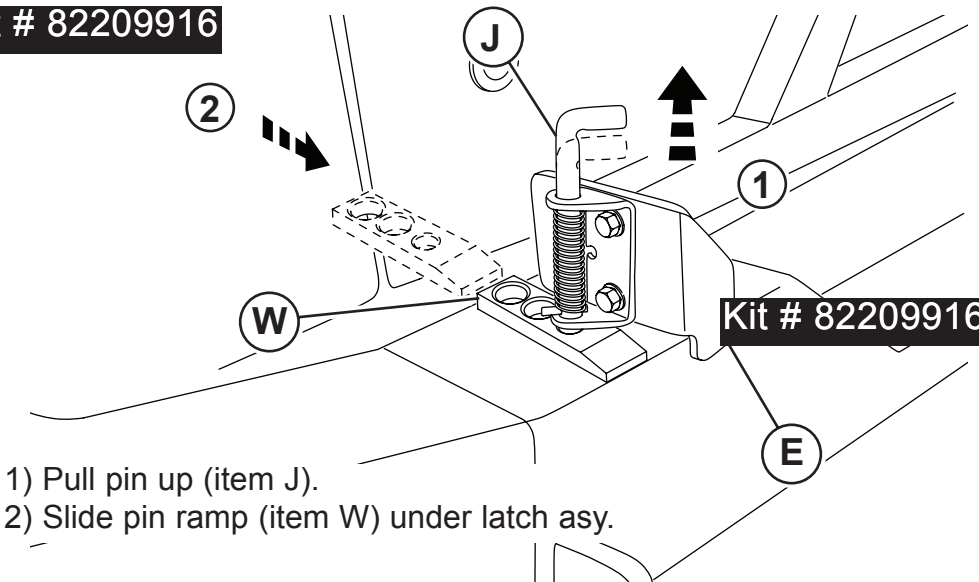
10mm

24 ft-lbs
(33 N.m)

Adjust locking plunger to center of bumper slot. Once aligned, torque accordingly.

25

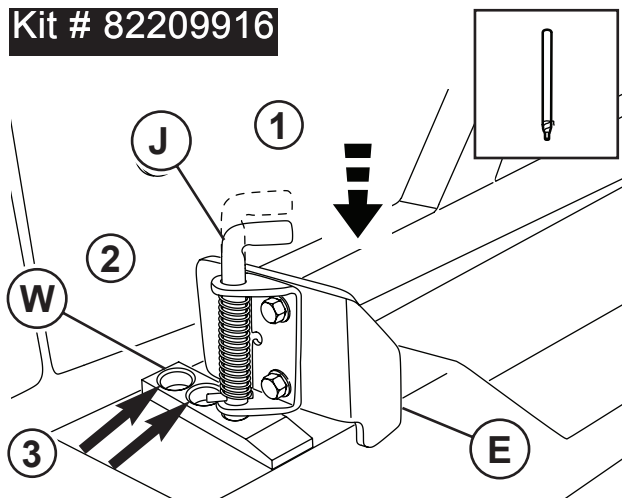
Kit # 82209916



- 1) Pull pin up (item J).
- 2) Slide pin ramp (item W) under latch asy.

26

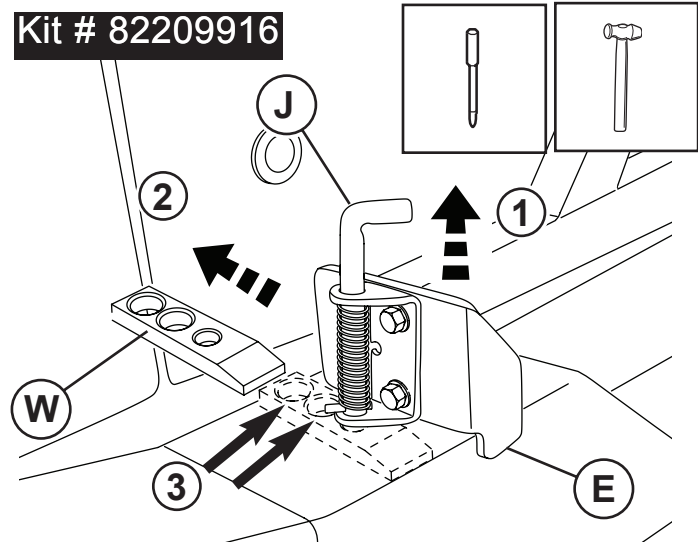
Kit # 82209916



- 1) Drop pin (item J).
- 2) Square up ramp (item W) to bumper.
- 3) Mark holes to be drilled.

27

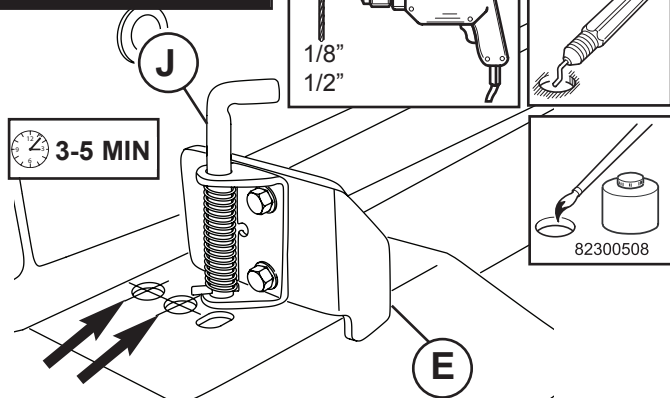
Kit # 82209916



- 1) Pull pin up (item J).
- 2) Remove pin ramp (item W) from under latch asy.
- 3) Using center punch and hammer, mark/scribe holes for drilling.

28

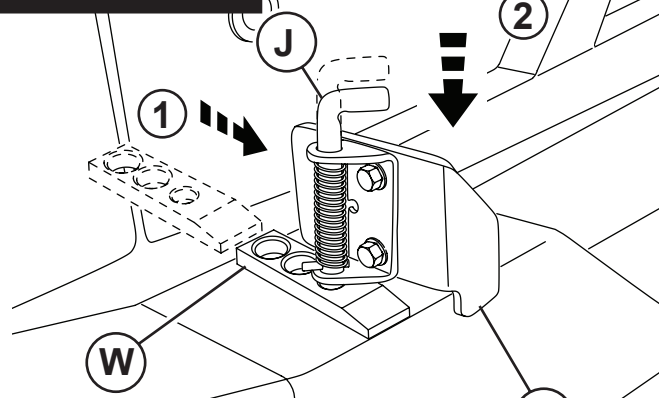
Kit # 82209916



- 1) Drill 2 holes for pin ramp. It is recommended to drill pilot holes prior (1/8" drill bit).
- 2) Deburr the holes.
- 3) Apply Rust Inhibitor 82300508 or equivalent to all bare edges and allow to dry for 3-5 minutes.

29

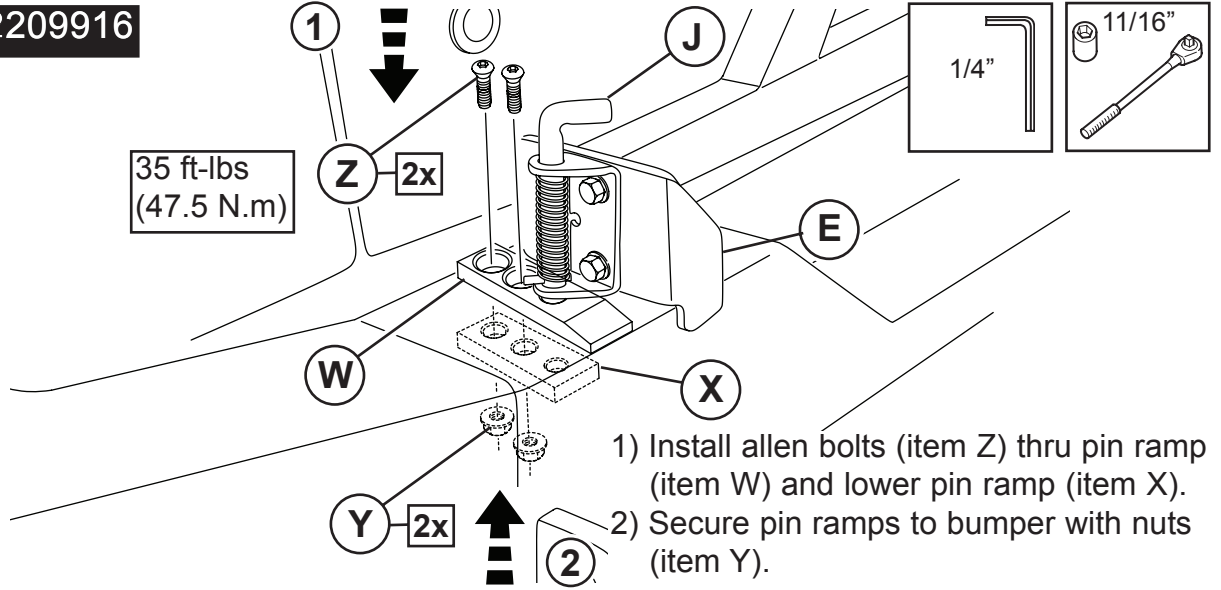
Kit # 82209916



- 1) Replace pin ramp (item W).
- 2) Lower latch pin (item J).

30

Kit # 82209916

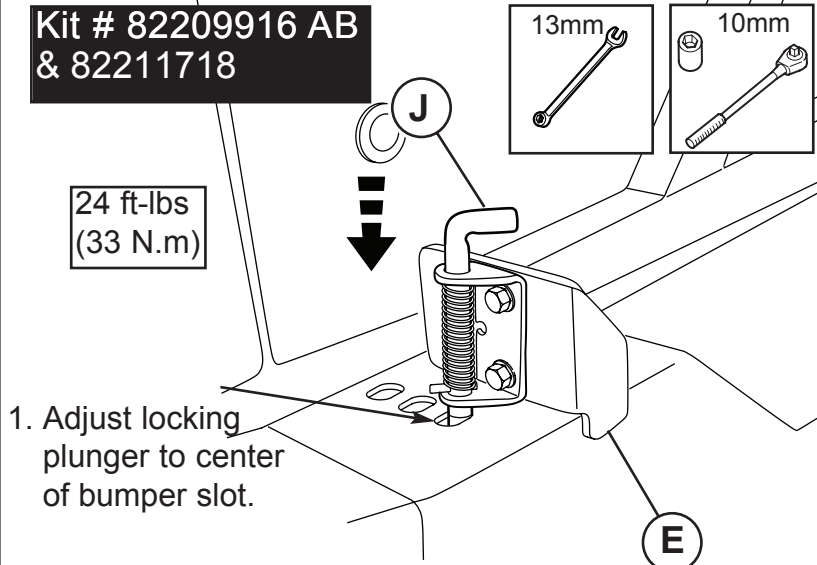


35 ft-lbs
(47.5 N.m)

- 1) Install allen bolts (item Z) thru pin ramp (item W) and lower pin ramp (item X).
- 2) Secure pin ramps to bumper with nuts (item Y).

31

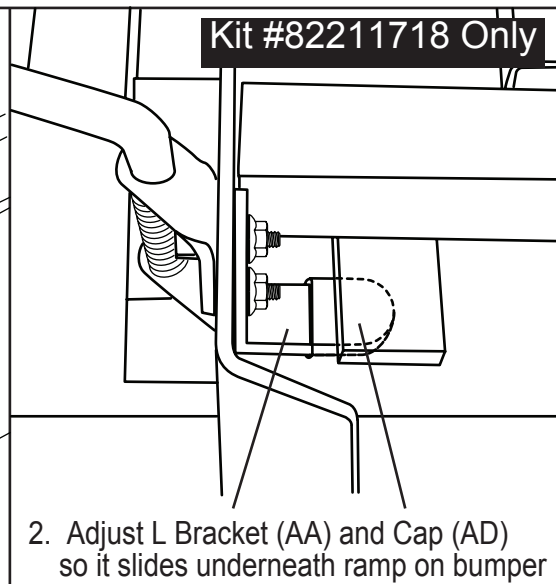
Kit # 82209916 AB & 82211718



1. Adjust locking plunger to center of bumper slot.

32A 3. Once both parts are aligned, torque accordingly.

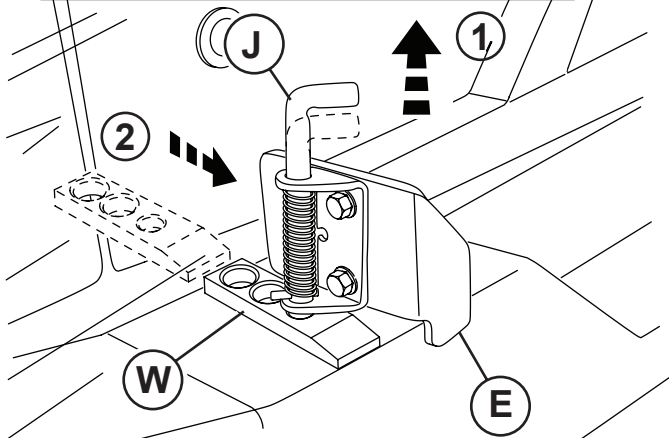
Kit #82211718 Only



2. Adjust L Bracket (AA) and Cap (AD) so it slides underneath ramp on bumper

32B

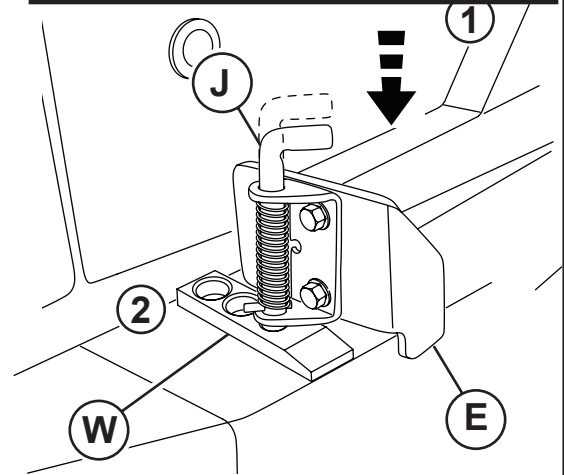
Kit # 82209916 AB & 82211718



- 1) Pull pin up (item J).
- 2) Slide pin ramp (item W) under latch asy.

33

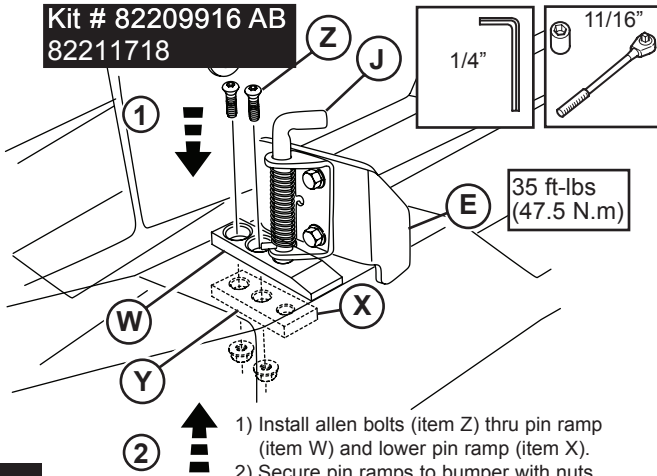
Kit # 82209916 AB & 82211718



- 1) Drop pin (item J).
- 2) Square up ramp (item W) to bumper.

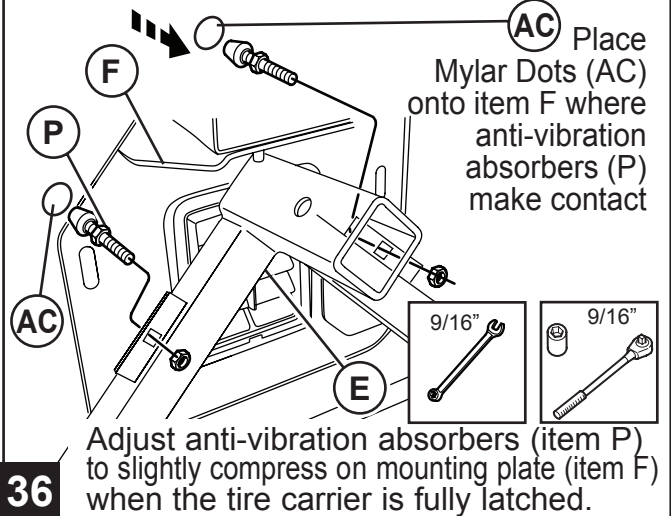
34

Kit # 82209916 AB
82211718



- 1) Install allen bolts (item Z) thru pin ramp (item W) and lower pin ramp (item X).
- 2) Secure pin ramps to bumper with nuts (item Y).

35

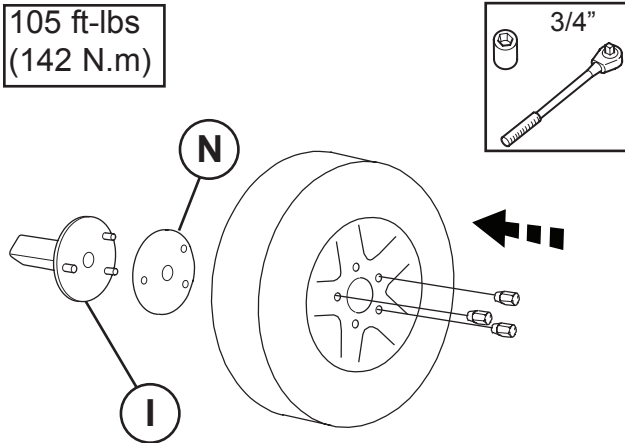


AC Place Mylar Dots (AC) onto item F where anti-vibration absorbers (P) make contact

Adjust anti-vibration absorbers (item P) to slightly compress on mounting plate (item F) when the tire carrier is fully latched.

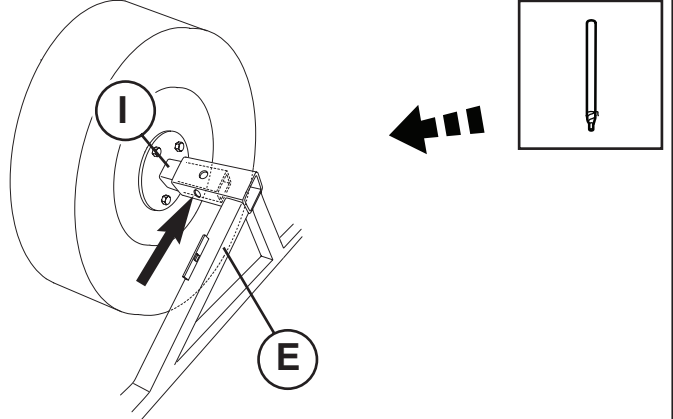
36

105 ft-lbs
(142 N.m)



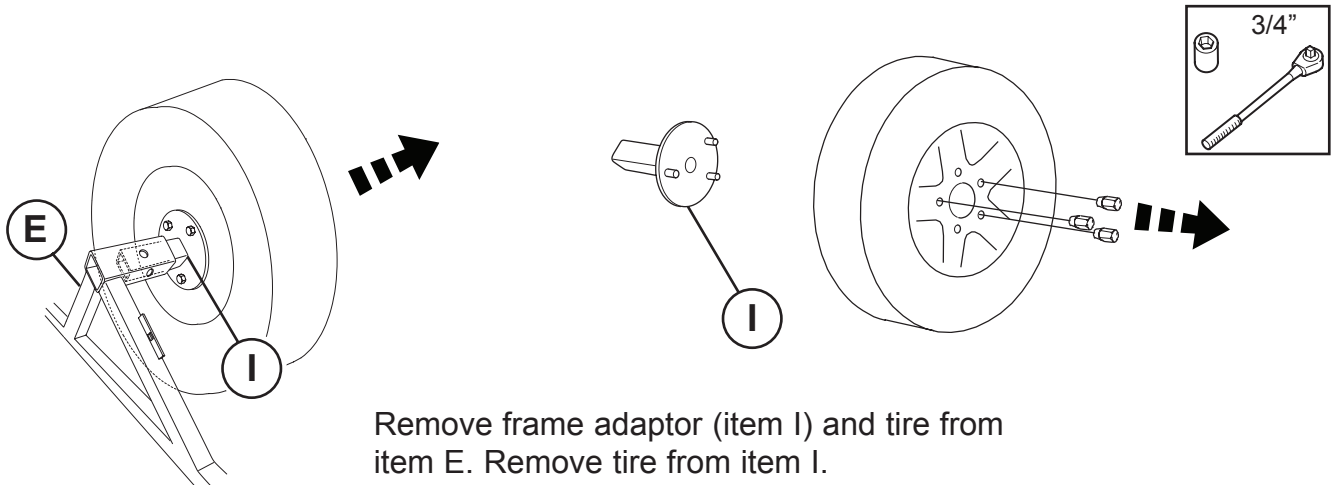
Install tire to frame adaptor with nuts removed in step 1.

37



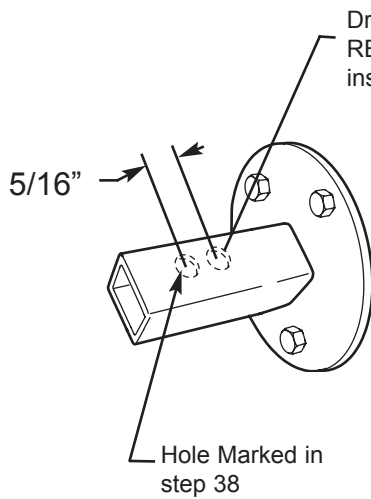
Insert frame adaptor (item I) with tire attached into tire carrier support (item E). Push Item I into Item E until the tire hits the frame of Item E. Using hole in item E as a template, mark this location onto item I.

38

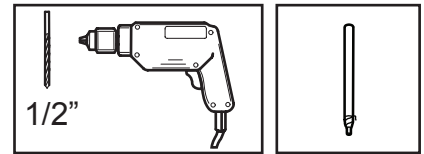


Remove frame adaptor (item I) and tire from item E. Remove tire from item I.

39

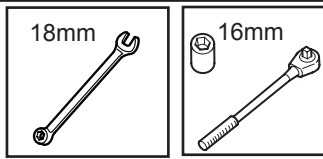
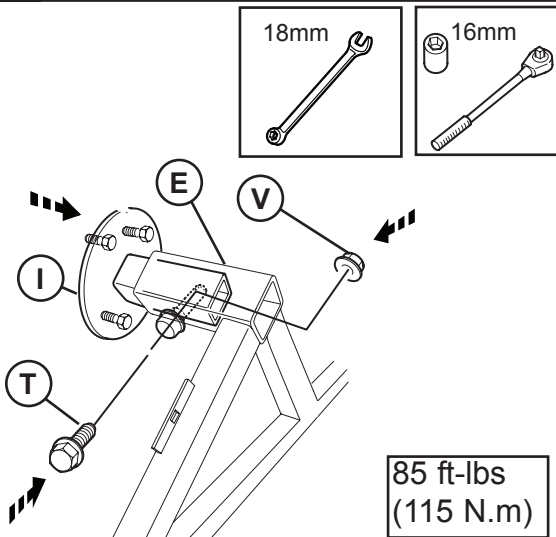


Drill hole here.
REASON: This will compress the tire when installed and eliminate rattles.



Measure approximately 5/16" forward from the center of the mark made in step 38. Using a drill and 1/2" drill bit, drill hole accordingly.

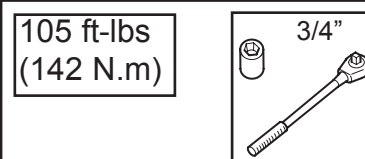
40



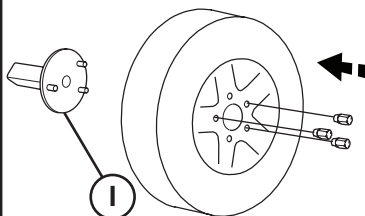
85 ft-lbs
(115 N.m)

Push Item I into Item E. Align holes accordingly and install hardware.

41

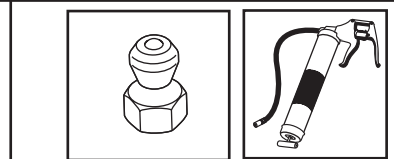


System is designed to compress tire slightly to eliminate vibration.

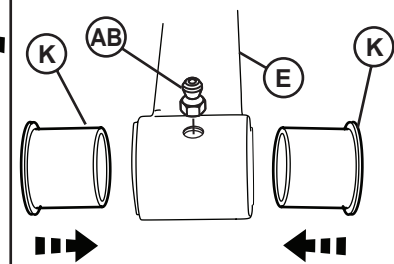


Re-install tire onto frame adaptor (item I) and torque accordingly.

42



Use Petroleum Base Grease (not Silicone Grease)



43