740B Clifty Drive • Madison, Indiana 47250 • 812-574-7777

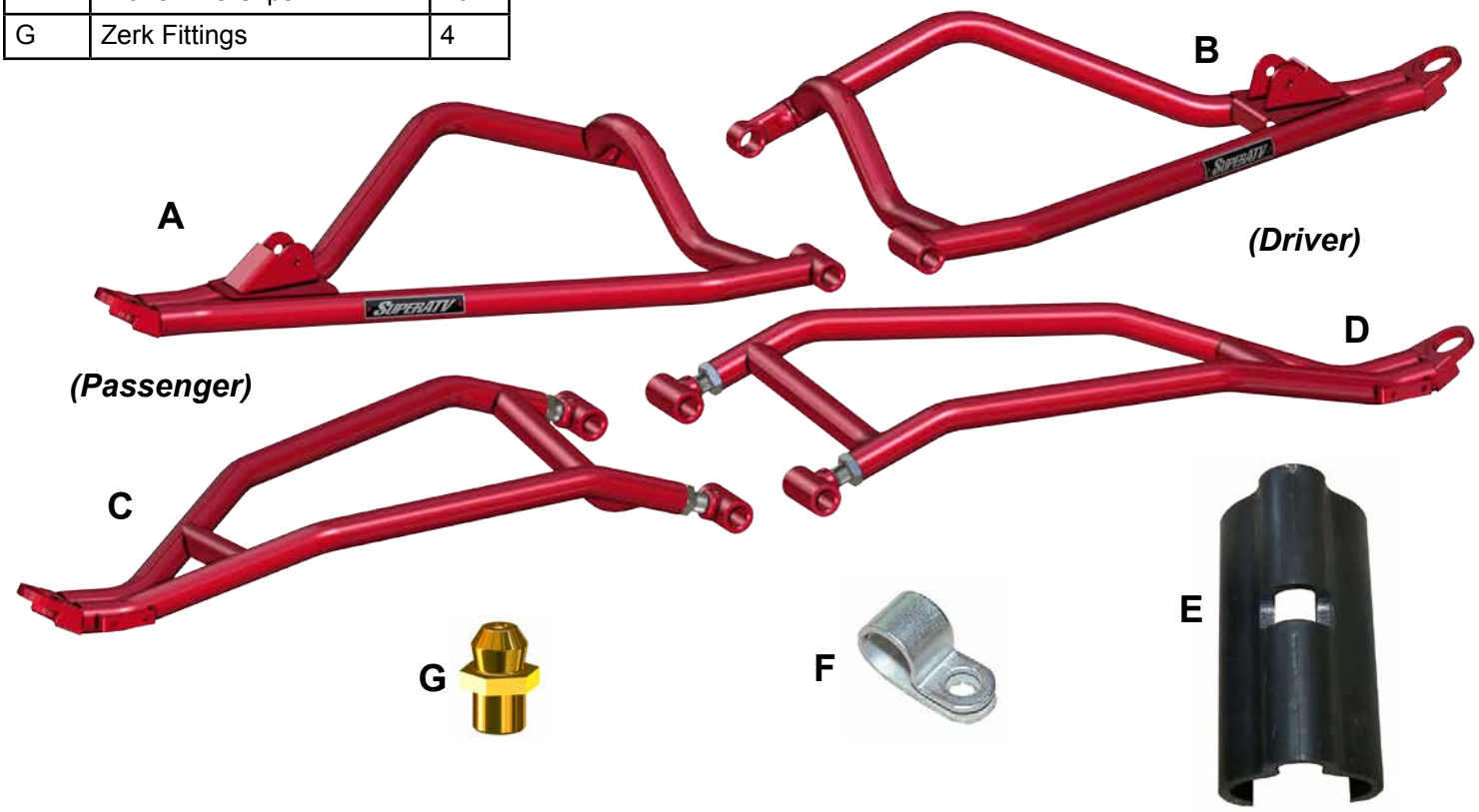
INSTALLATION INSTRUCTIONS

10” Lift Kit: for Polaris RZR XP® Turbo

A Press or Ball Joint tool is required to remove and install Ball Joints.

Item	Description	Qty
A	Upper A-Arm, Passenger	1
B	Upper A-Arm, Driver	1
C	Lower A-Arm, Passenger	1
D	Lower A-Arm, Driver	1
E	Brake Line Clamps	6
F	Brake Line Clips	16
G	Zerk Fittings	4

Front Sway Bar must be removed when installing this kit.



(Kit contents continue on following pages)

Read instructions and view illustrations before beginning.

Need help with your installation?

sales@superatv.com

www.superatv.com

1-812-574-7777

8:00am - 9:00pm EST M-Th
8:00am - 7:00pm EST Friday
9:00am - 2:00pm EST Saturday

Thank You For Choosing

Liability Statement

SuperATV's® products are designed to best fit user's ATV/UTV under stock conditions. Adding, modifying, or fabricating any factory or aftermarket parts will void any warranty provided by SuperATV® and is not recommended. SuperATV's® products could interfere with other aftermarket accessories. If user has aftermarket products on machine, contact SuperATV® to verify that they will work together.

Although SuperATV® has thousands of satisfied customers, user should be aware that installing lift kits, long travel, or suspension kits, tires, etc. will change the ride of machine and may increase maintenance and part wear. Operating any off-road machine while, or after, consuming alcohol and/or drugs increases risk of bodily harm or death. No warranty or representation is made as to this product's ability to protect user from severe injury or death. SuperATV® urges operators and occupants to wear a helmet and appropriate riding gear at all times.

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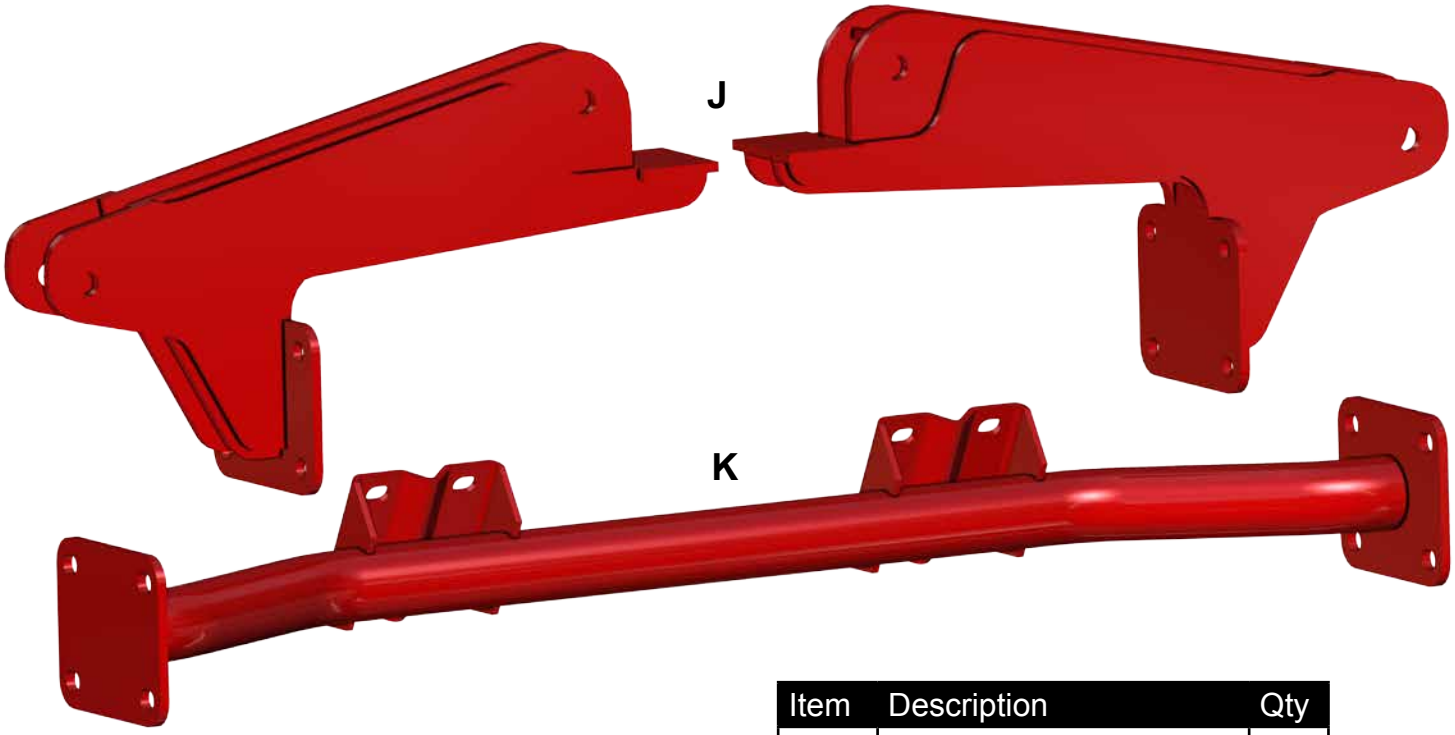
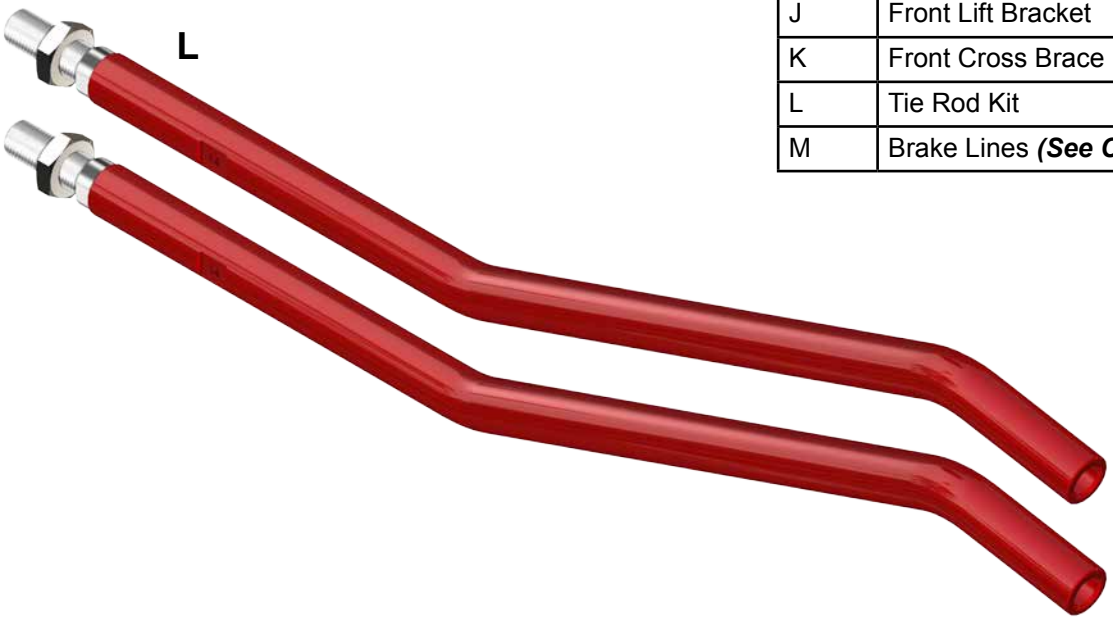
SuperATV® will warranty only parts provided by SuperATV®. Any damage or problems with OEM housings, bearings, seals, or other manufacturers' products will not be covered by SuperATV®. SuperATV® parts and products are not warrantied if item was not installed properly, misused, or modified.

(Kit contents continued)



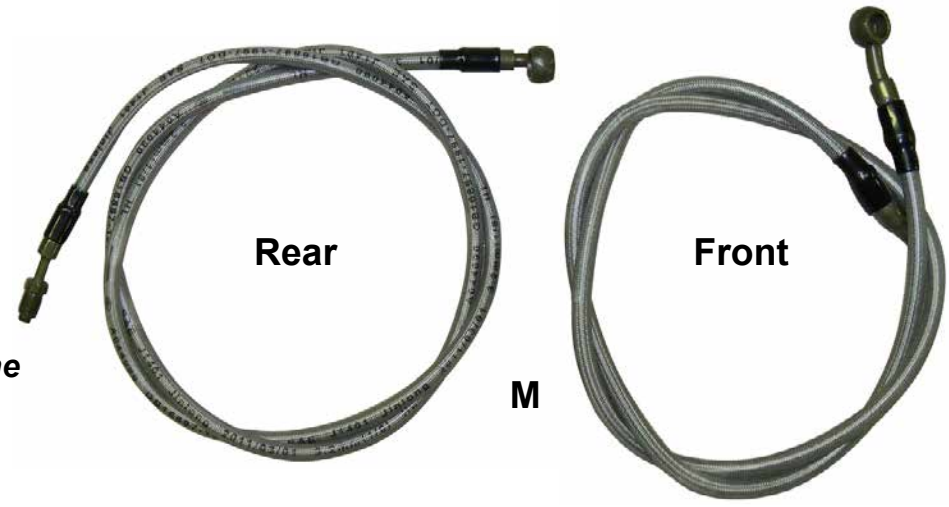
Item	Description	Qty
J	Front Lift Bracket	2
K	Front Cross Brace	1
L	Tie Rod Kit	1
M	Brake Lines ***(See Chart)***	1



Brake Lines (M)

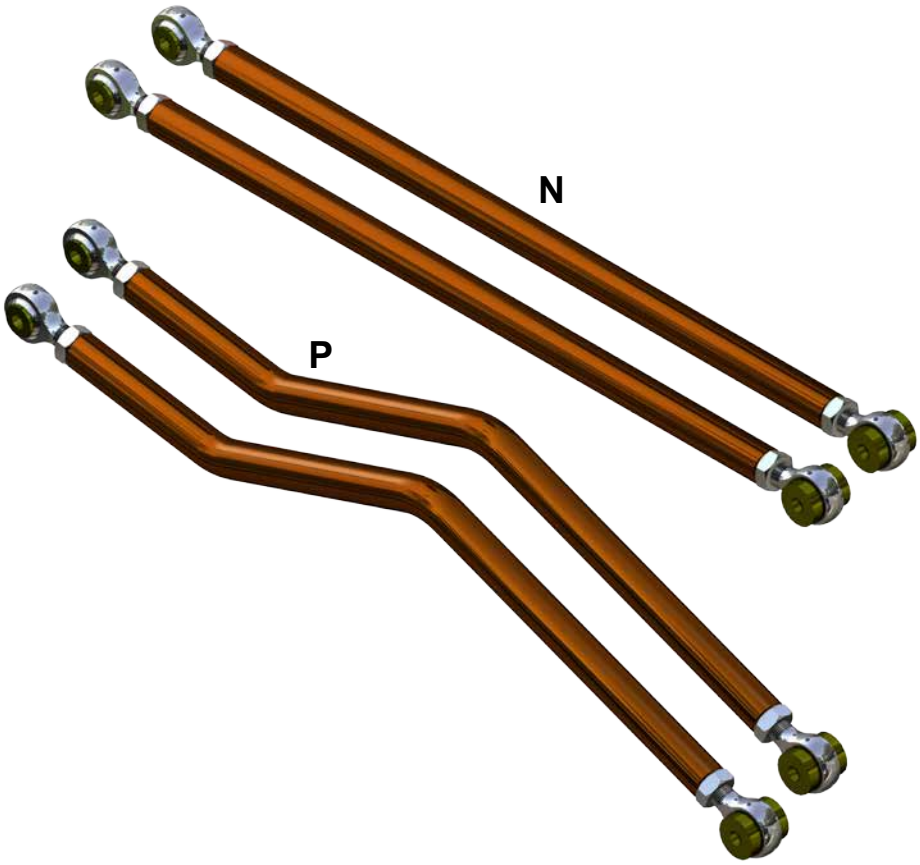
Location	Length (Approx)
Right Front	50”
Left Front	42”
Right Rear	114”
Left Rear	58”

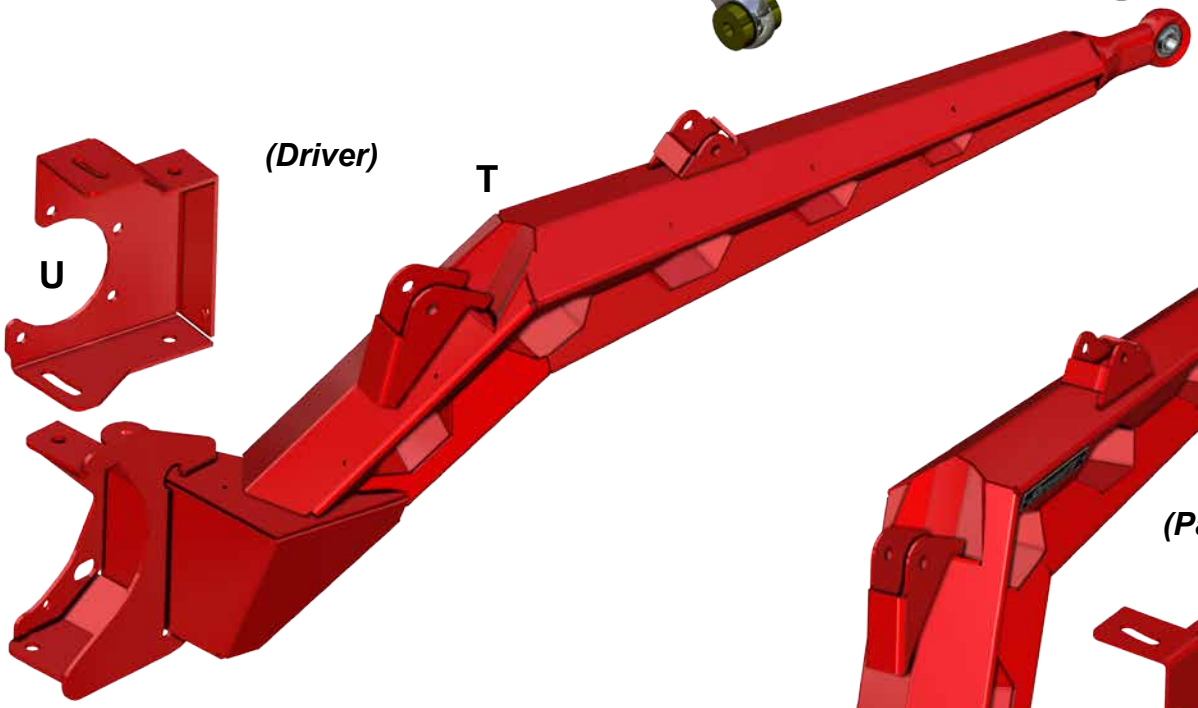
Front Brake Lines have same style fittings at each end.

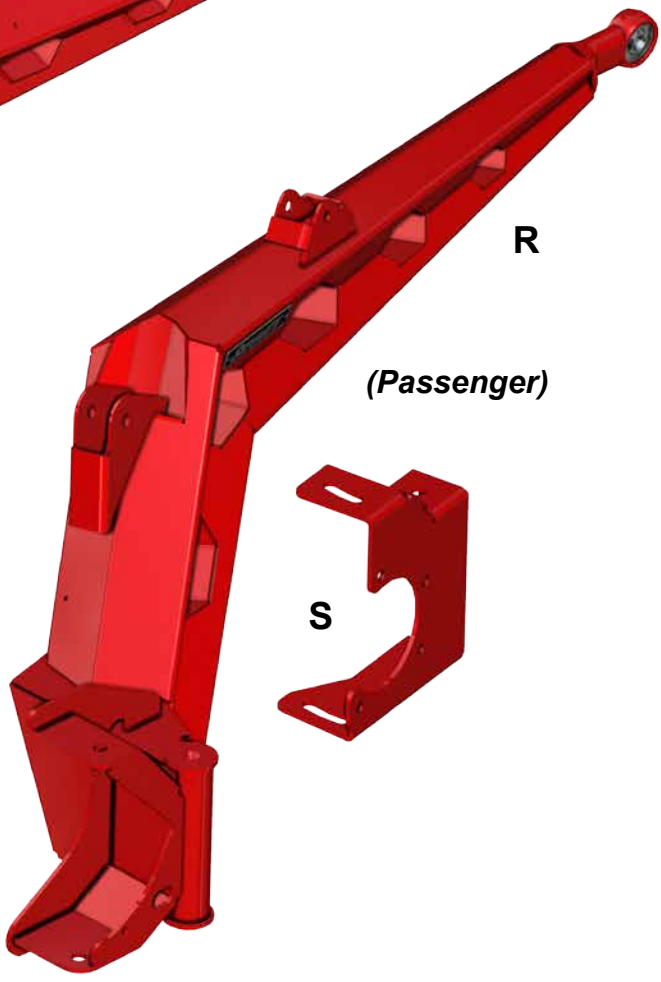


(Kit contents continued)

Item	Description	Qty
N	Upper Radius Arms	2
P	Lower Radius Arms	2
Q	Brace Plate	1
R	Trailing Arm, Passenger	1
S	Hub Mount, Passenger	1
T	Trailing Arm, Driver	1
U	Hub Mount, Driver	1







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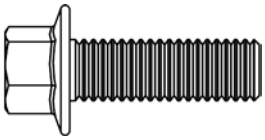
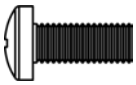
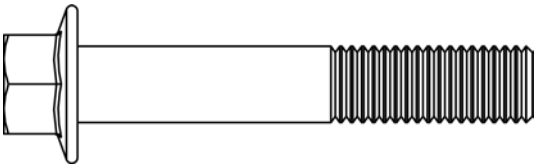
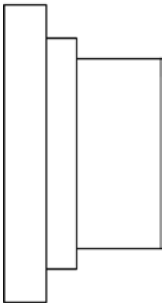
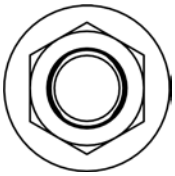
8x  **M8-1.25 x 25mm Lg. FHCS**

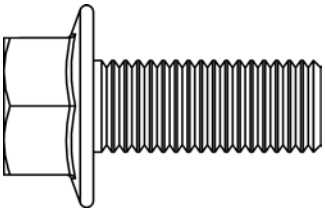
22x  **M5-.80 x 13mm Lg. PHMS**

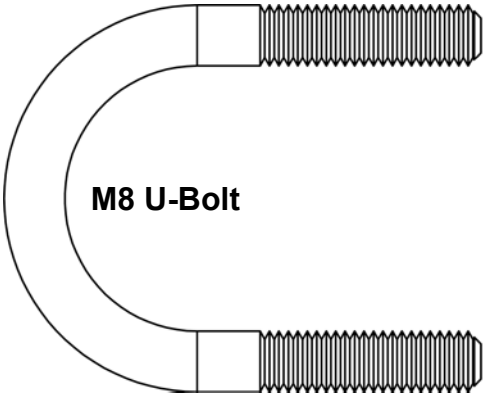
2x  **M10-1.50 x 60mm Lg. FHCS**

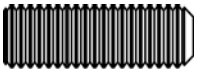
20x  **M8-1.25 Nylock Nut**

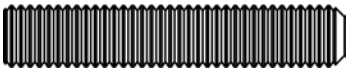
4x  **Trailing Arm Bushing**

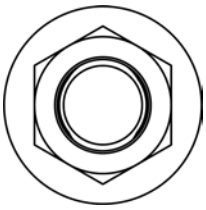
2x  **M10-1.50 Nylock Nut**

8x  **M12-1.75 x 30mm Lg. FHCS**

4x  **M8 U-Bolt**

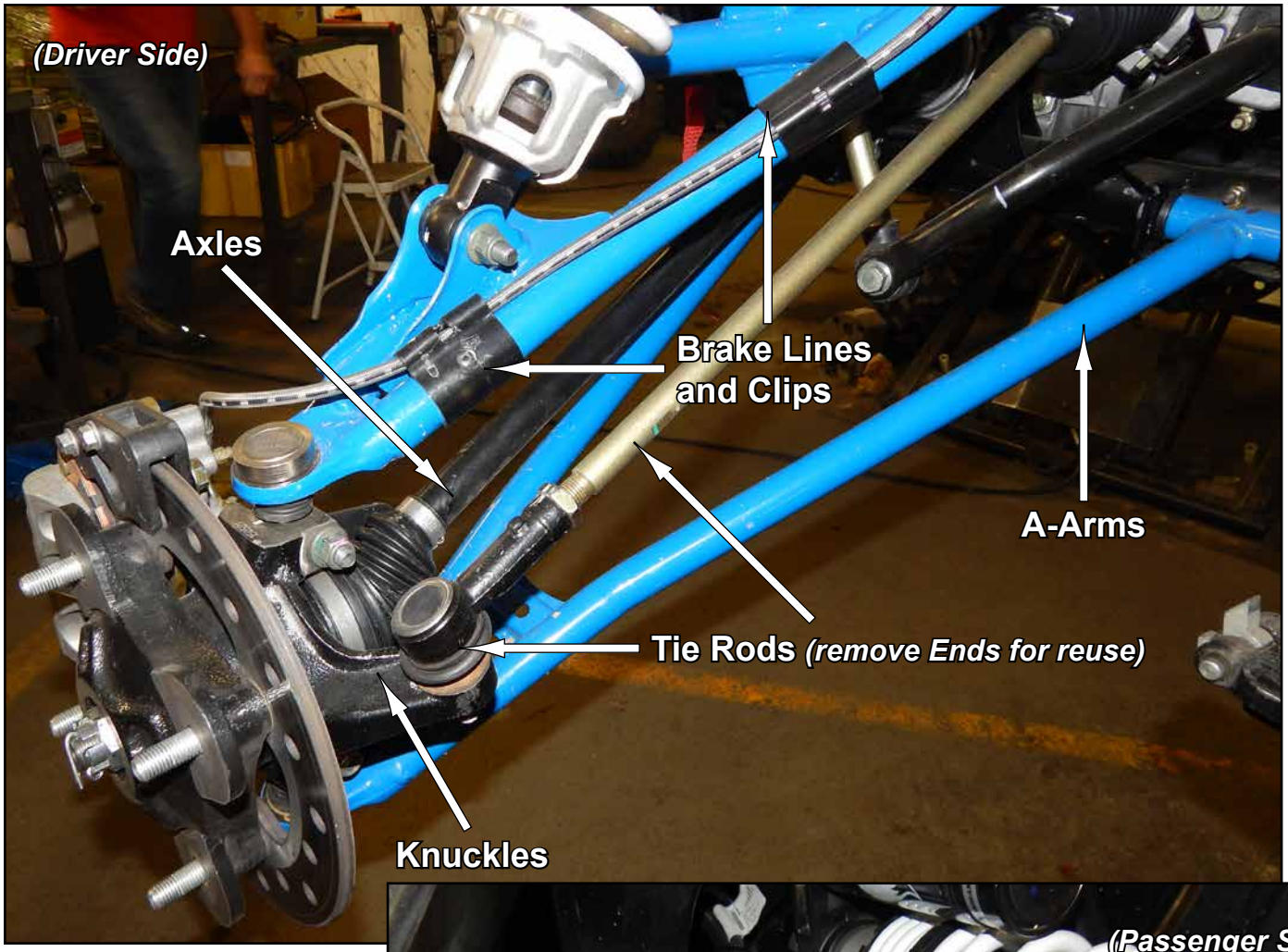
2x  **M8-1.25 x 25mm Lg. Set Screw**

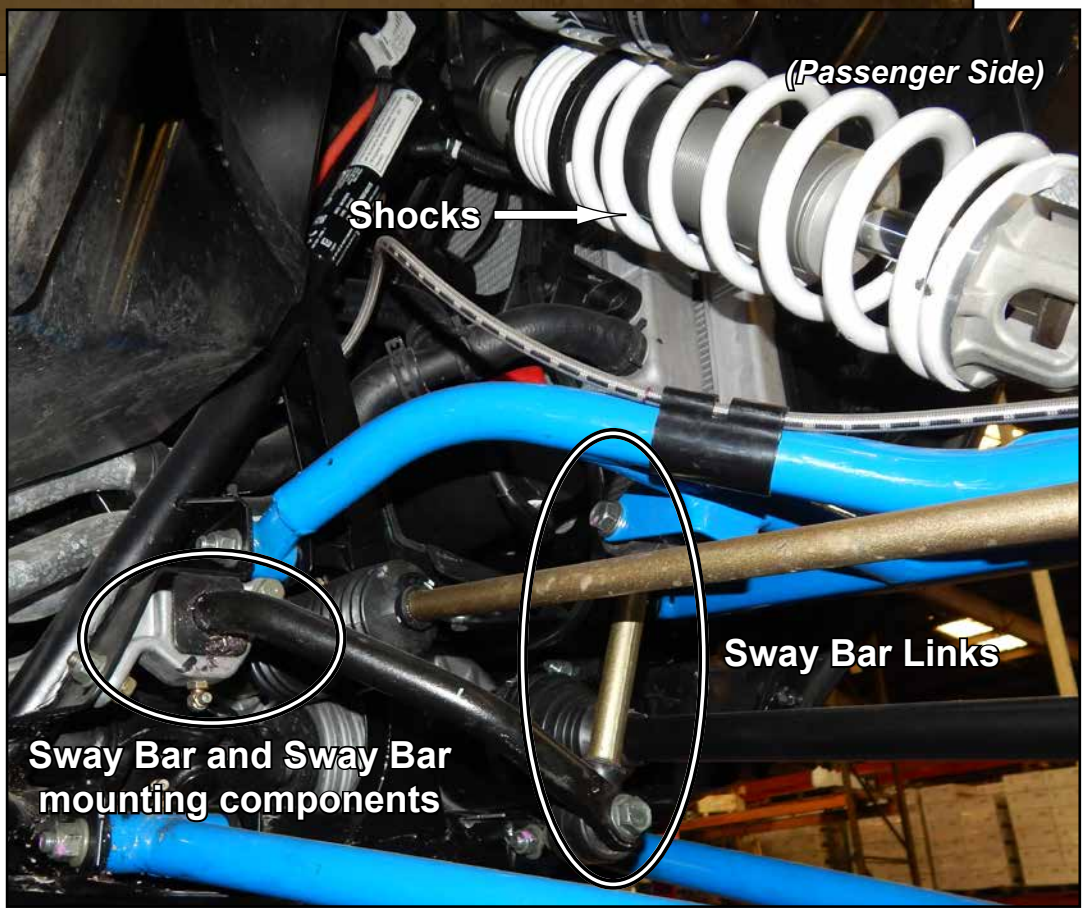
2x  **M8-1.25 x 45mm Lg. Set Screw**

4x  **M12-1.75 Nylock Nut**

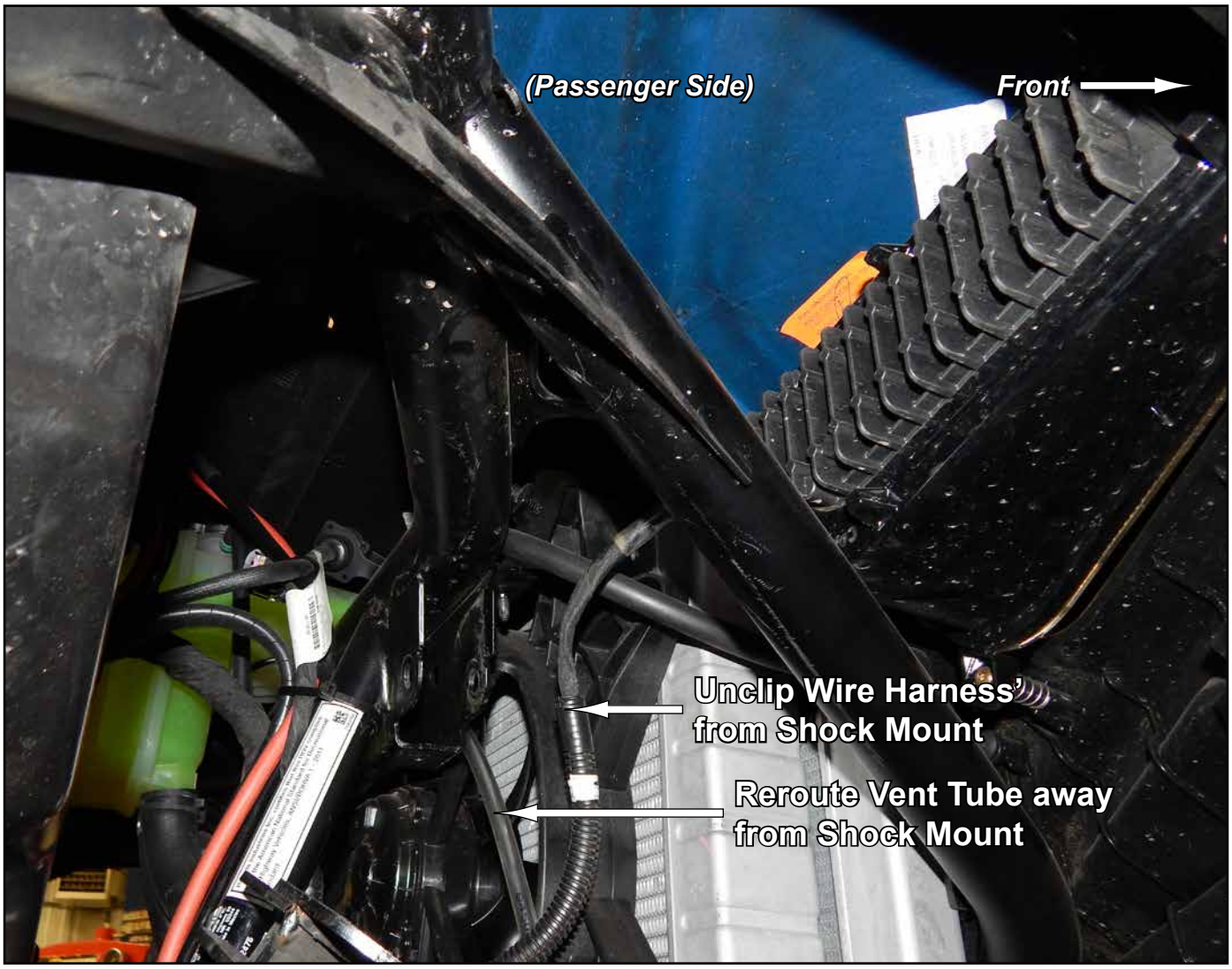
Front components shown must be removed from both sides;

Keep all components removed from machine.



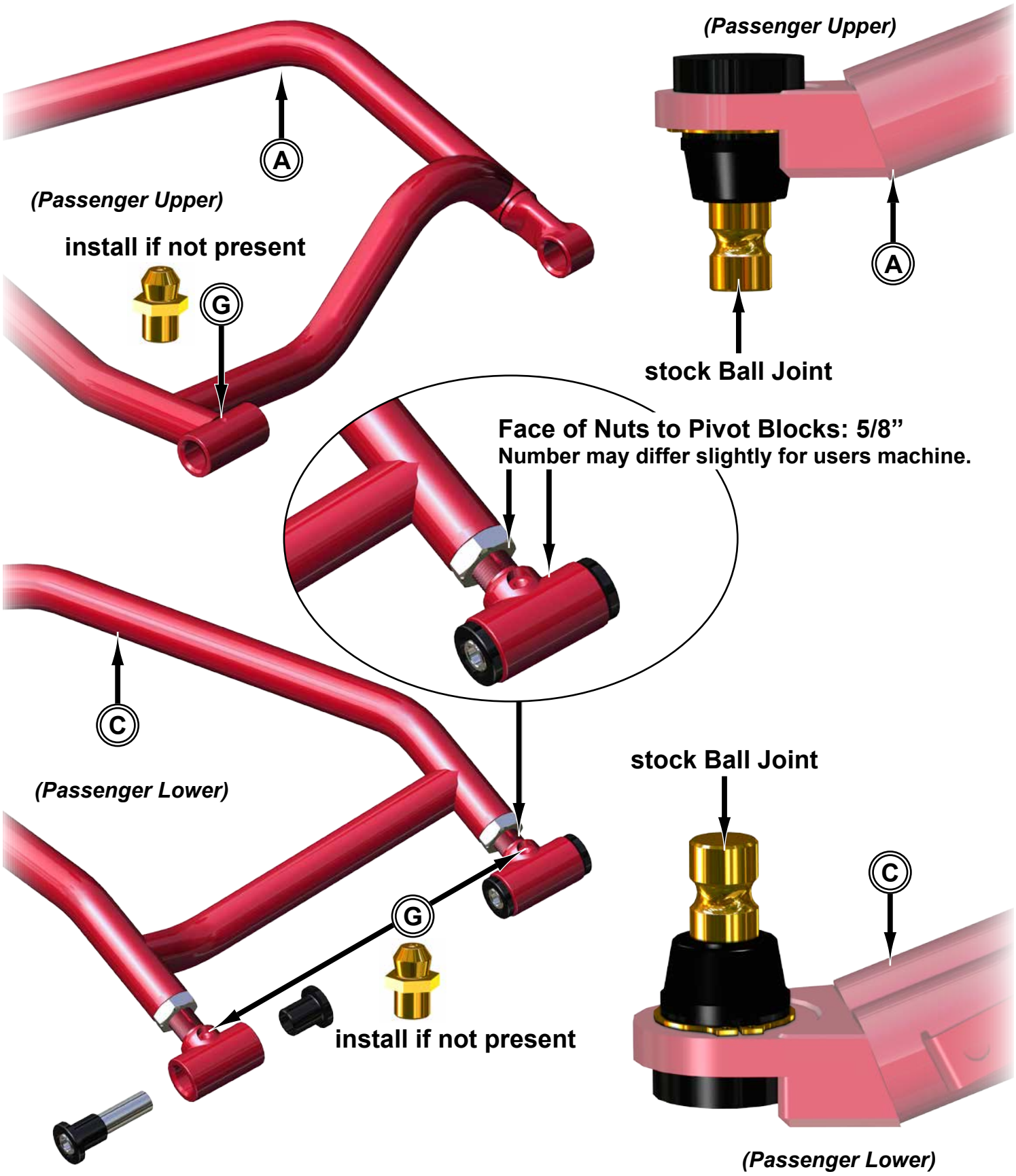


Front removal continued;



Front A-Arms Prep: *Do not tighten hardware completely unless noted.*

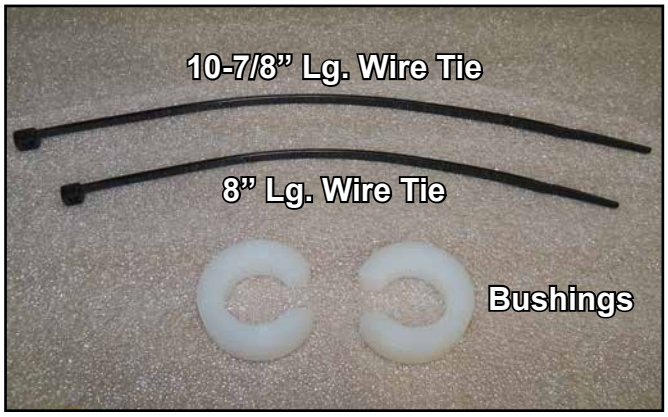
- Install stock or SuperATV p/n AAB-P-RZR1K-D Bushings and Pivot Shafts into A-Arms.
- Install stock Ball Joints.
- Install Zerk Fittings (G) if not present.
- Set Pivot Blocks to approximately 5/8” from face of Nut to edge of Pivot Block.

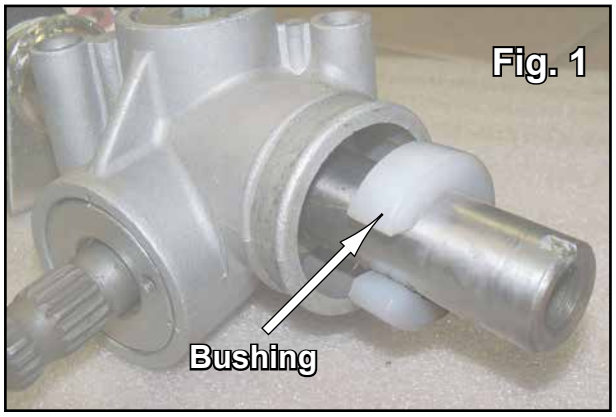


Steering Stop Installation: *Rack and Pinion shown off machine for clarity*

Note: Driver Side installation is shown.

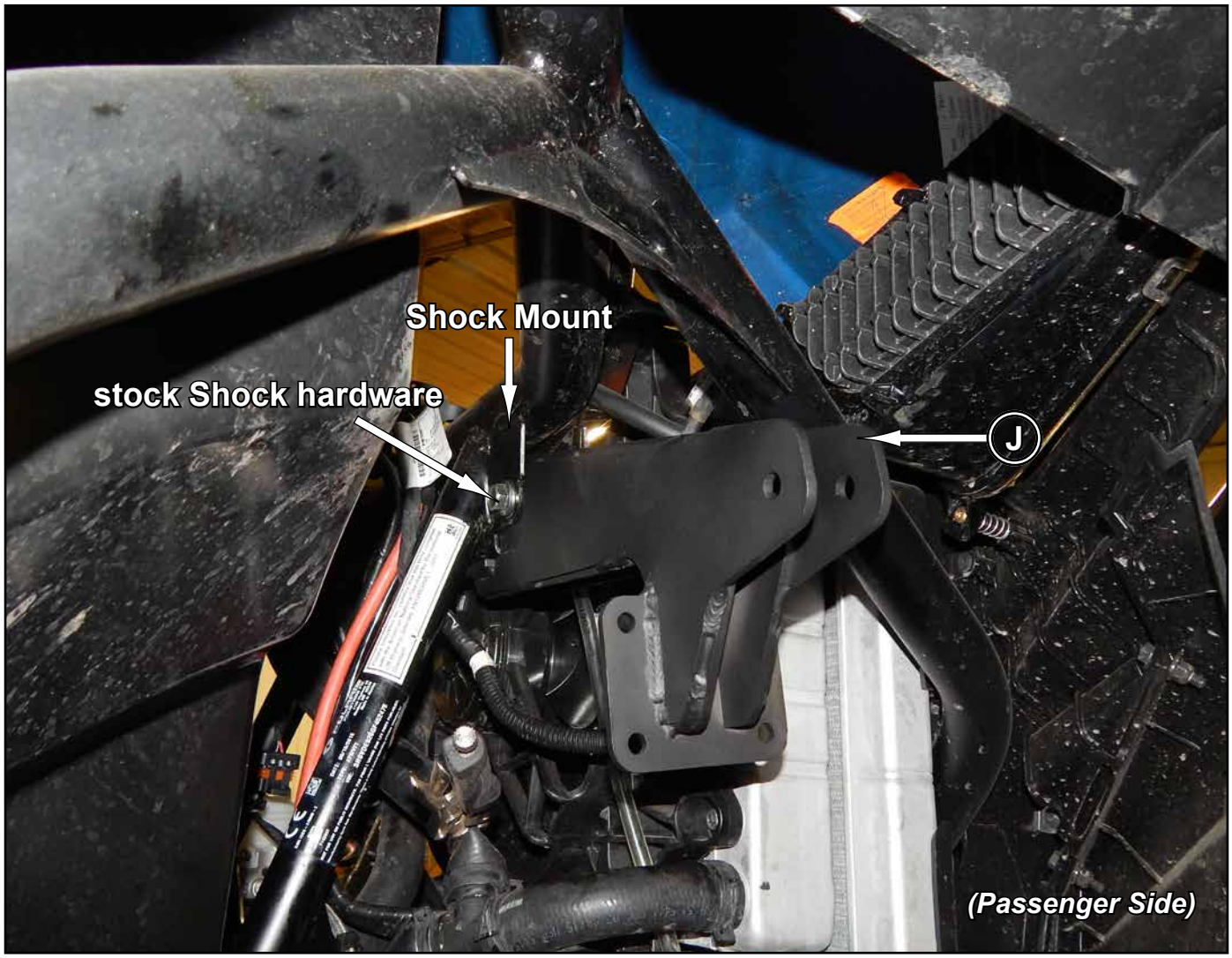
- Install Bushing onto Rack and Pinion shaft; repeat for opposite side. See Fig. 1.





Front Bracket Installation: *Do not tighten hardware completely unless noted.*

- Install Front Lift Bracket (J) to Frame with hardware shown.

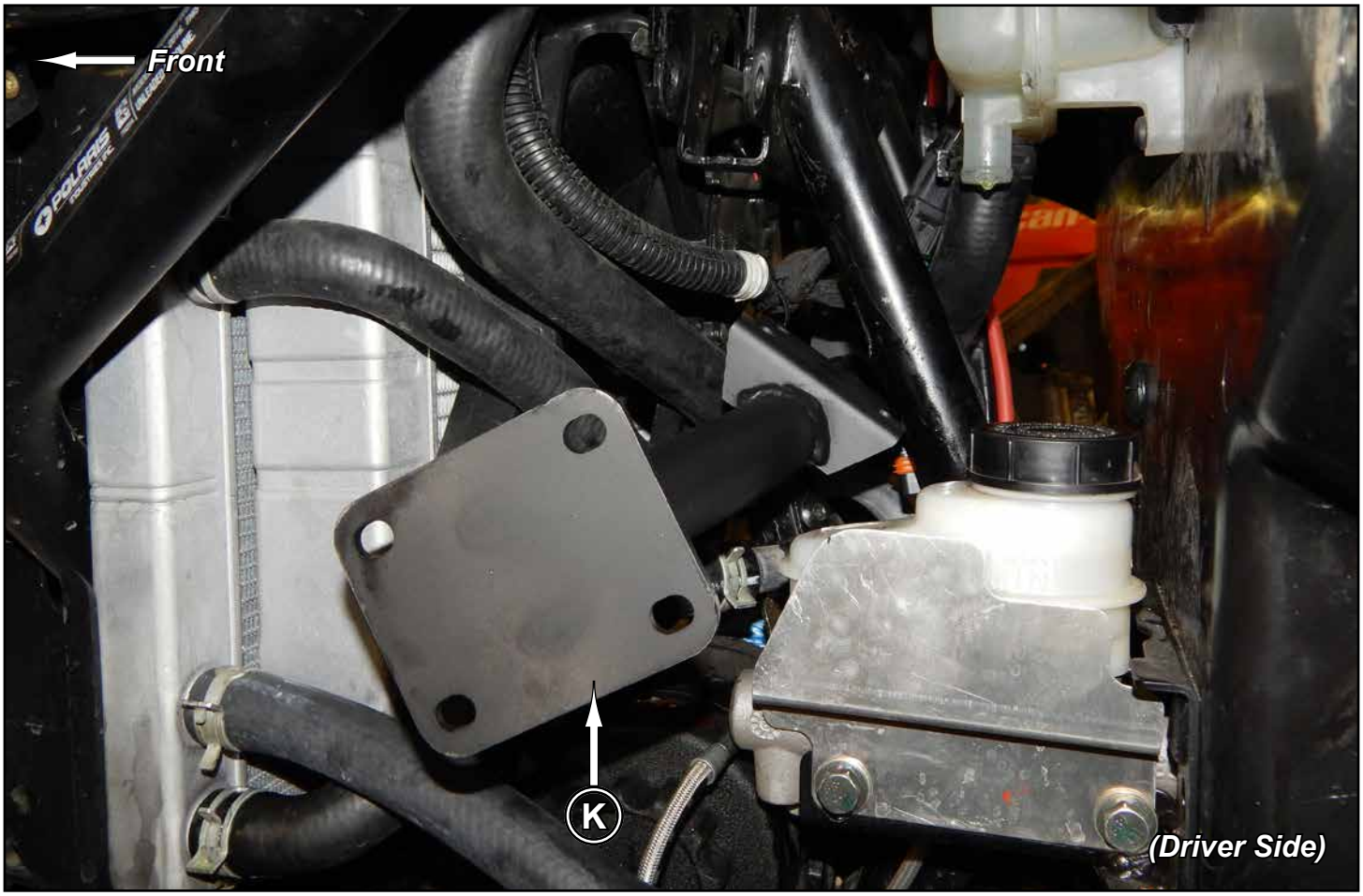


(Front Bracket installation illustrations continue on following page)

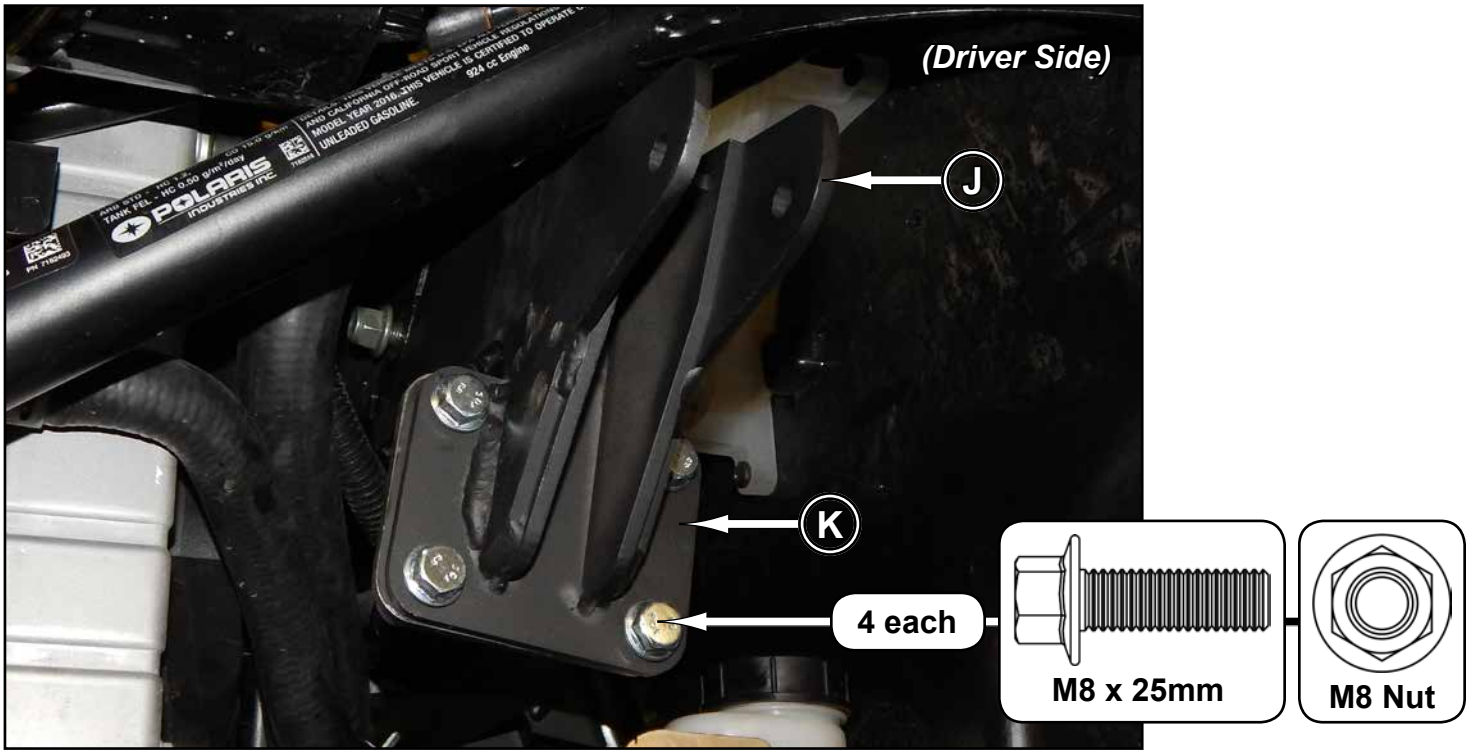
Front Bracket Installation continued: *Do not tighten hardware completely unless noted.*

- From Driver Side of machine, install Front Cross Brace (K).

Wire Harnesses are present in this area. Use care when maneuvering Front Cross Brace (K) into place.



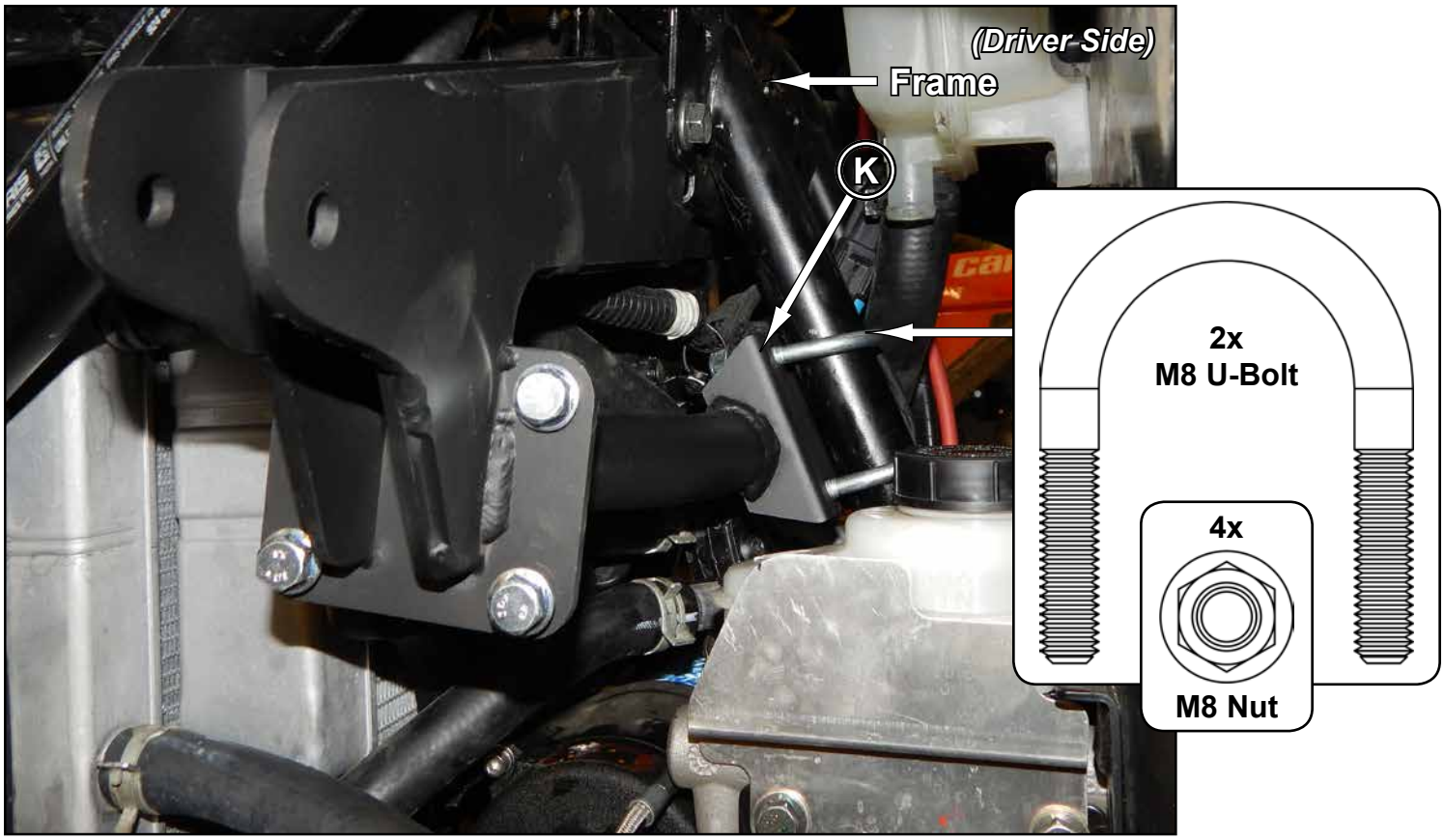
- Secure Front Lift Brackets (J) to Front Cross Brace (K) with hardware shown.



(Front Bracket installation illustrations continue on following page)

Front Bracket Installation continued: *Do not tighten hardware completely unless noted.*

- Secure Front Cross Brace (K) to Frame with hardware shown.



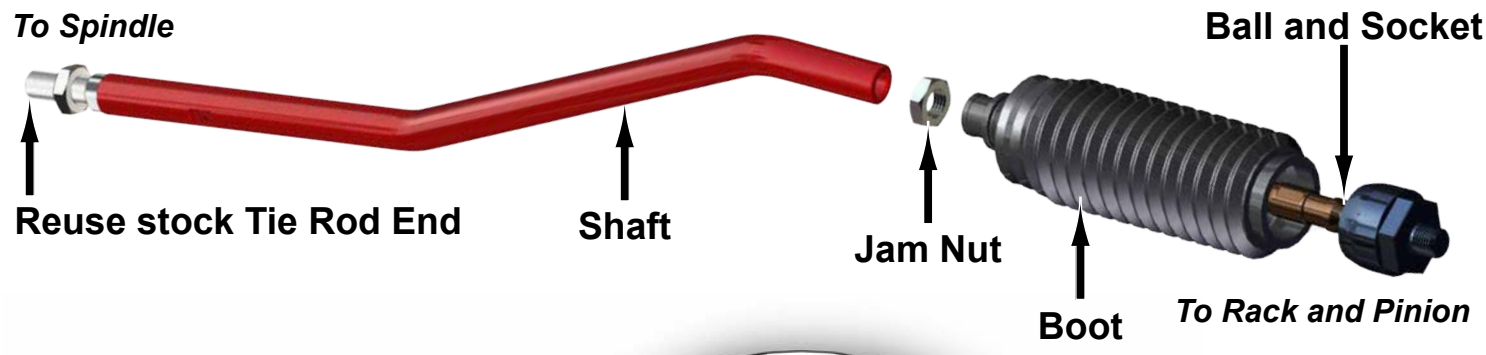
Tighten all hardware completely.

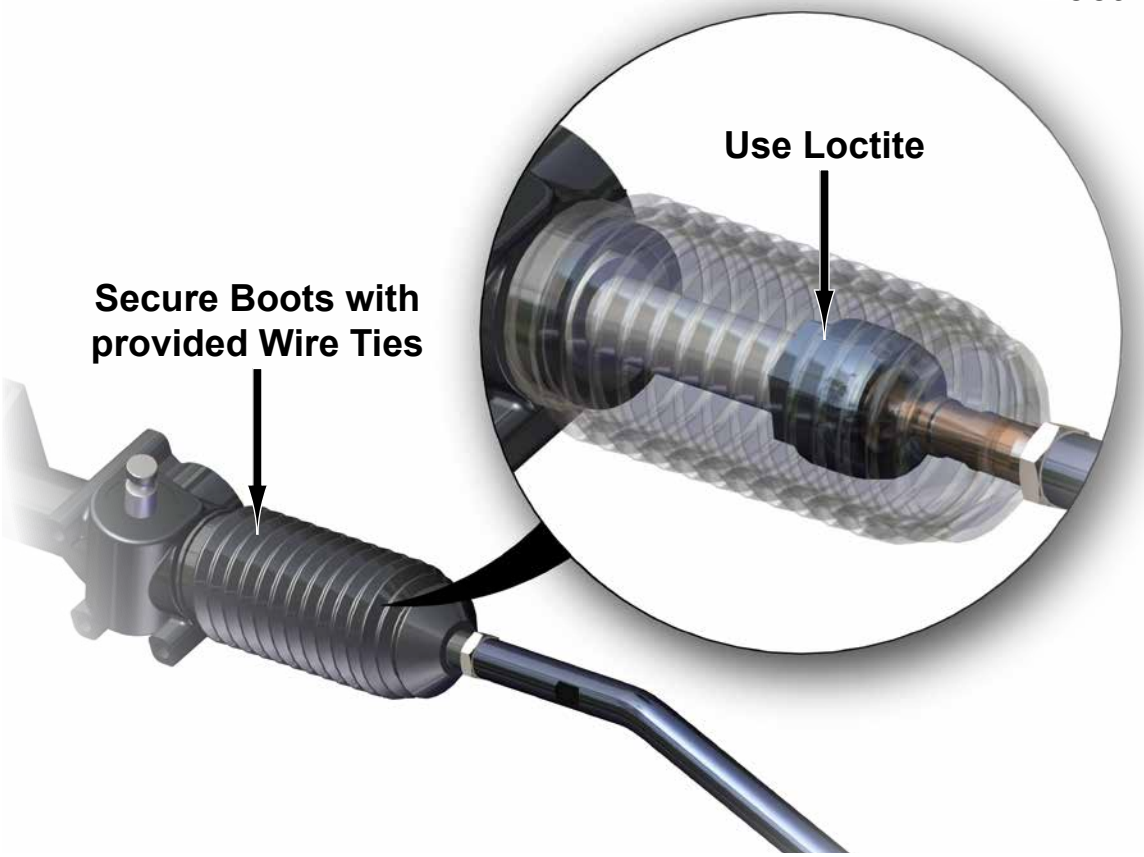
Front Installation: *Do not tighten hardware completely unless noted.*

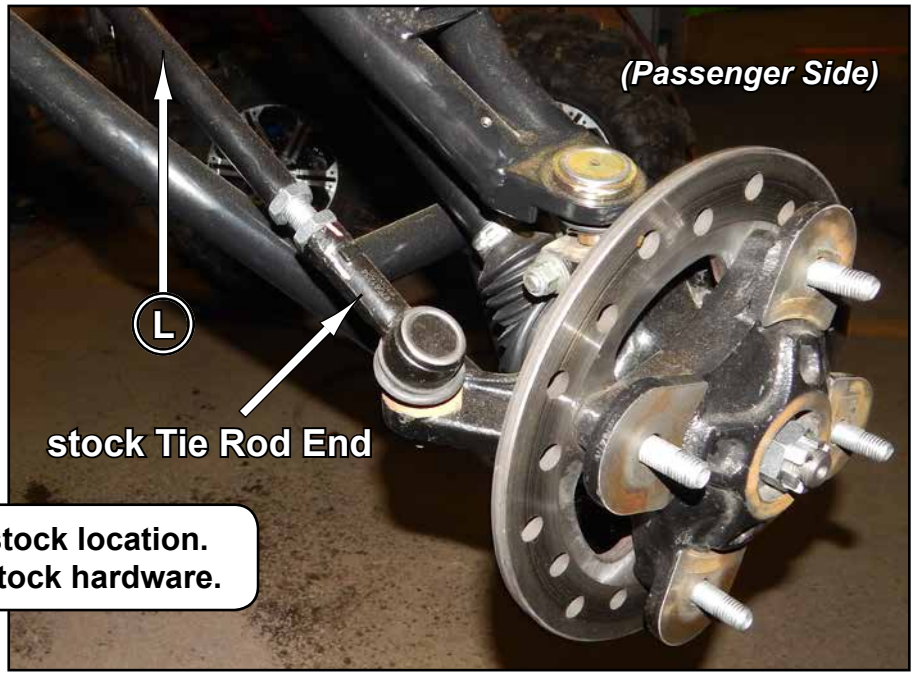
- Install A-Arms (A-D) to Frame with stock hardware.
- Install new Axles.
- Install Brake Lines (M); *Right is 50" long and Left is 42" long approximately.*
- Install Tie Rods (L); **see page 11.**

(Front installation illustrations continue on following page)

Tie Rod (L) Installation: *(Rack and Pinion shown off machine for clarity)*



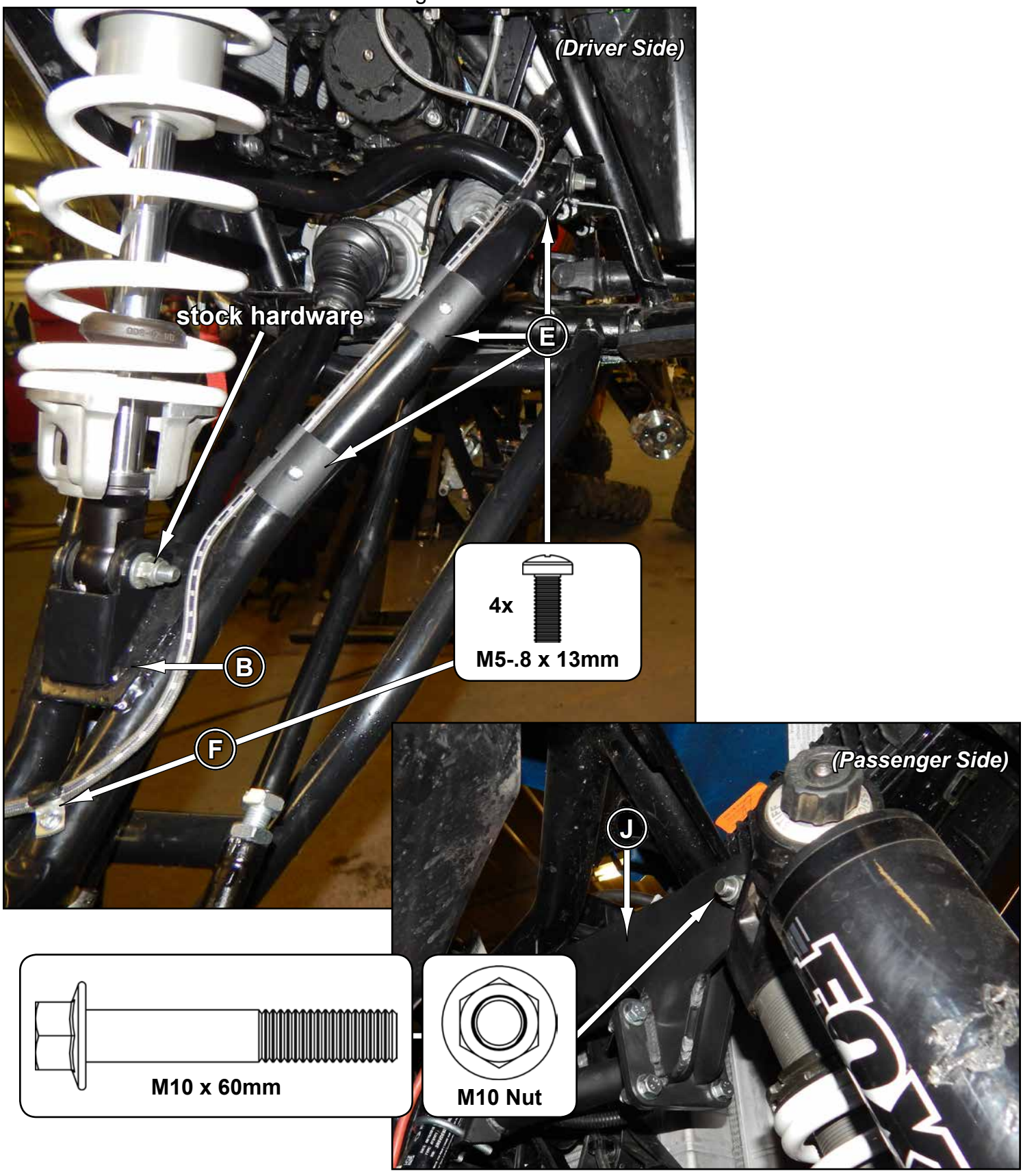




Reinstall to stock location.
Secure with stock hardware.

Front Installation continued:

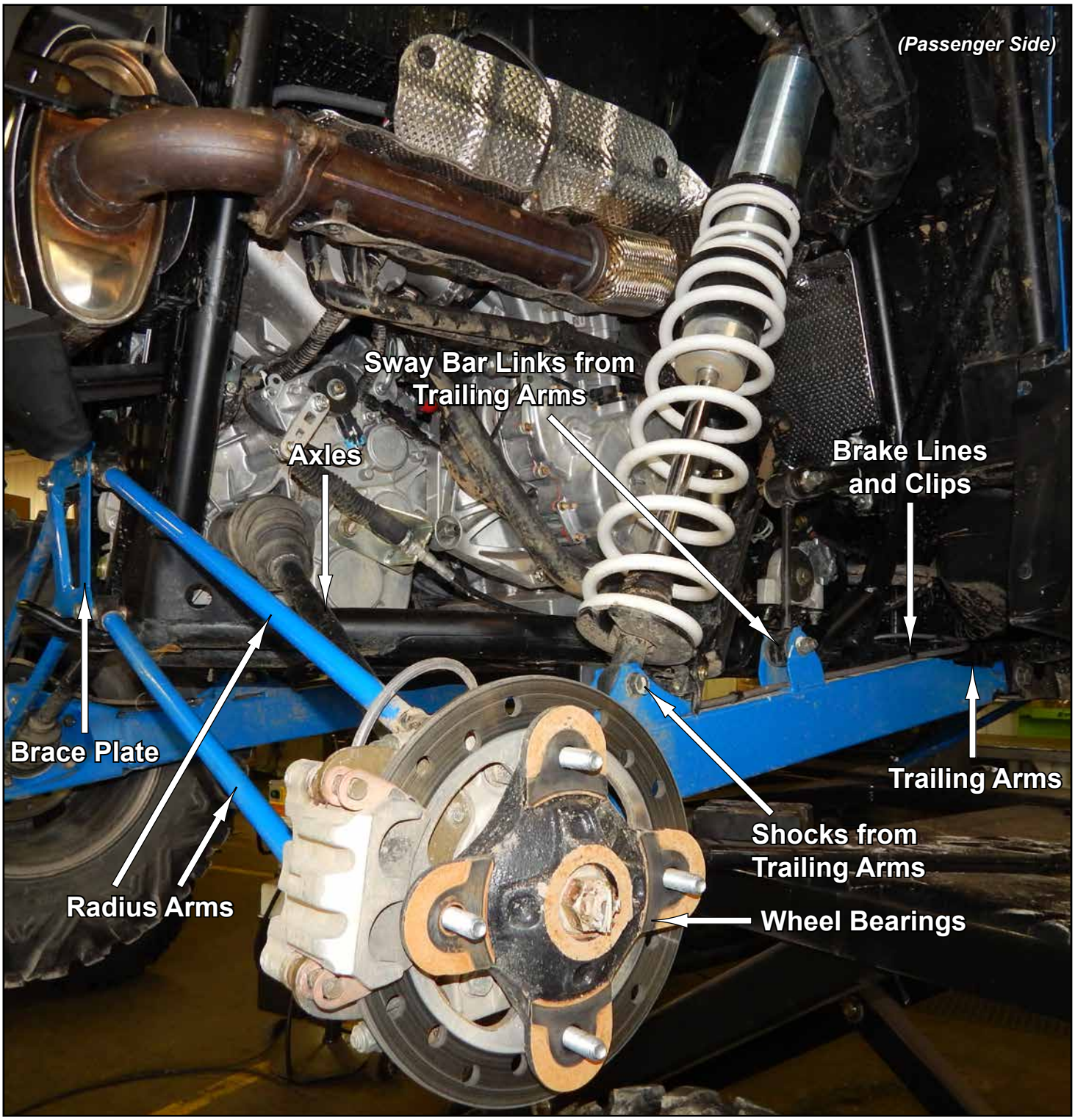
- Install Shocks to A-Arms (A)(B) with stock hardware.
- Secure to Front Lift Brackets (J) with hardware shown.
- Secure Front Brake Lines (M) to A-Arms (A)(B) with Brake Line Clips (F), Brake Line Clamps (E), and hardware shown. Ensure no binding or interference can occur when in use.



Tighten all hardware completely.

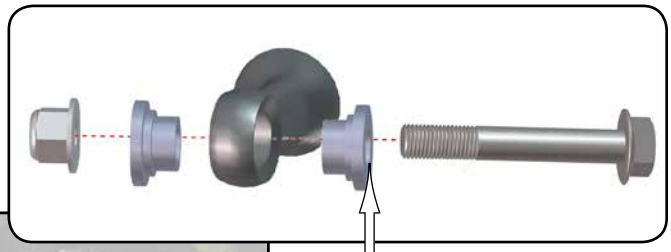
Rear components shown must be removed from both sides;

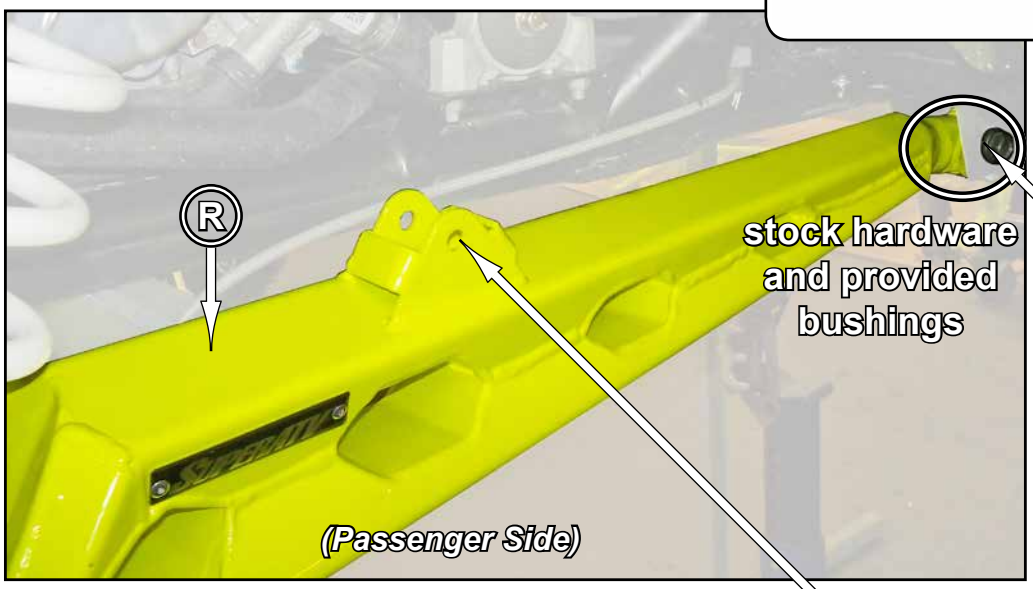
Keep all components removed from machine.

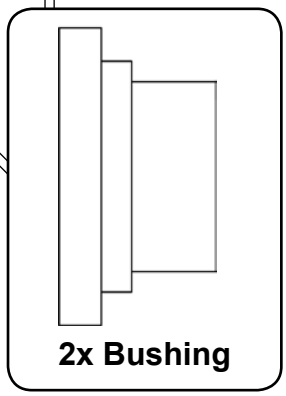


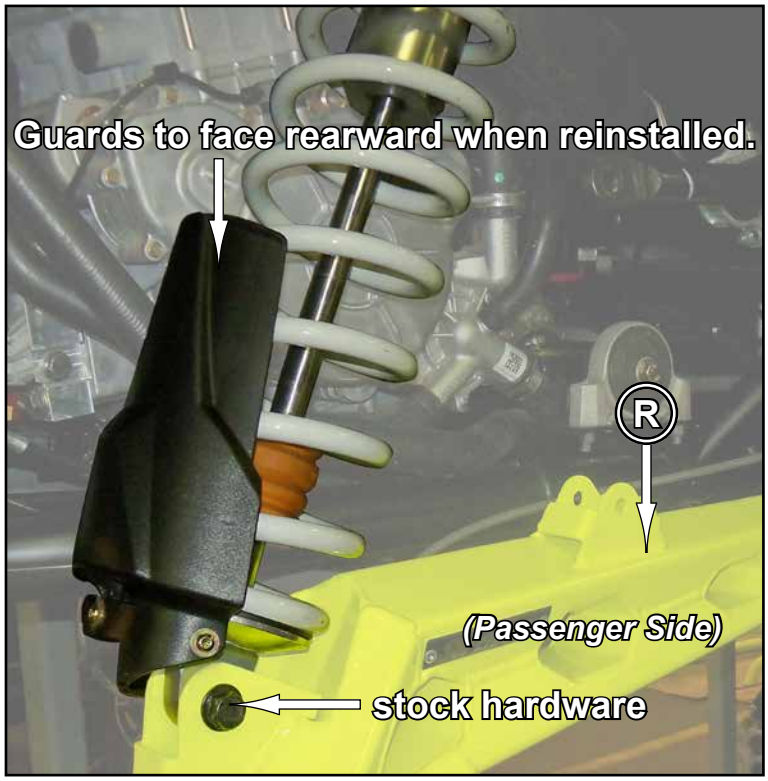
Rear Installation: *Do not tighten hardware completely unless noted.*

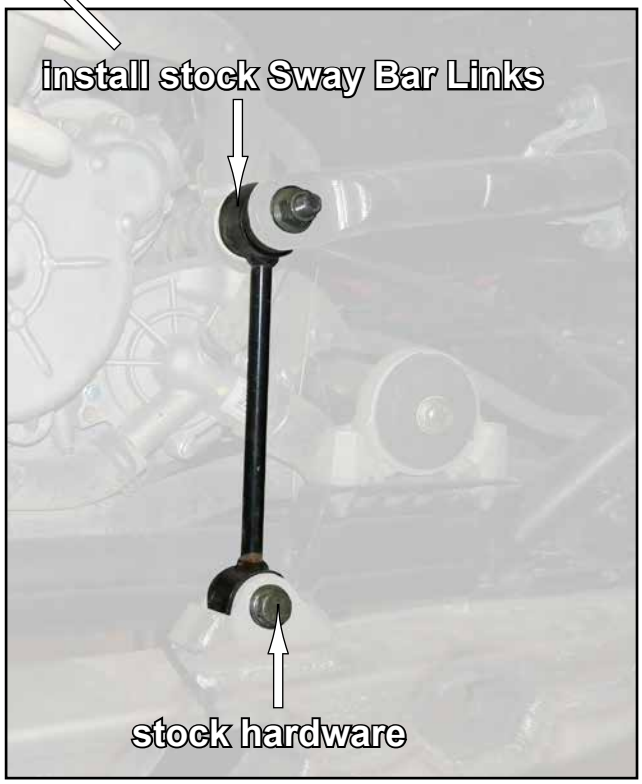
- Install Trailing Arms (R)(T) to Frame with stock hardware and provided Trailing Arm Bushings.
- Install Sway Bar Link to Trailing Arm (R)(T) with stock hardware.
- Install new Axles.
- Adjust Preload Rings on Shocks, **page 15**.
- Install Radius Arms (N)(P) and Brace Plate (Q) to Frame with stock hardware, **page 16**.
- Install Hub Mounts (S)(V) to Trailing Arms (R)(T), **pages 17 - 18**.
- Install Radius Arms (N)(P) and Brace Plate (Q) to Wheel Bearings with stock hardware.
- Install Brake Lines (M), **page 19**.



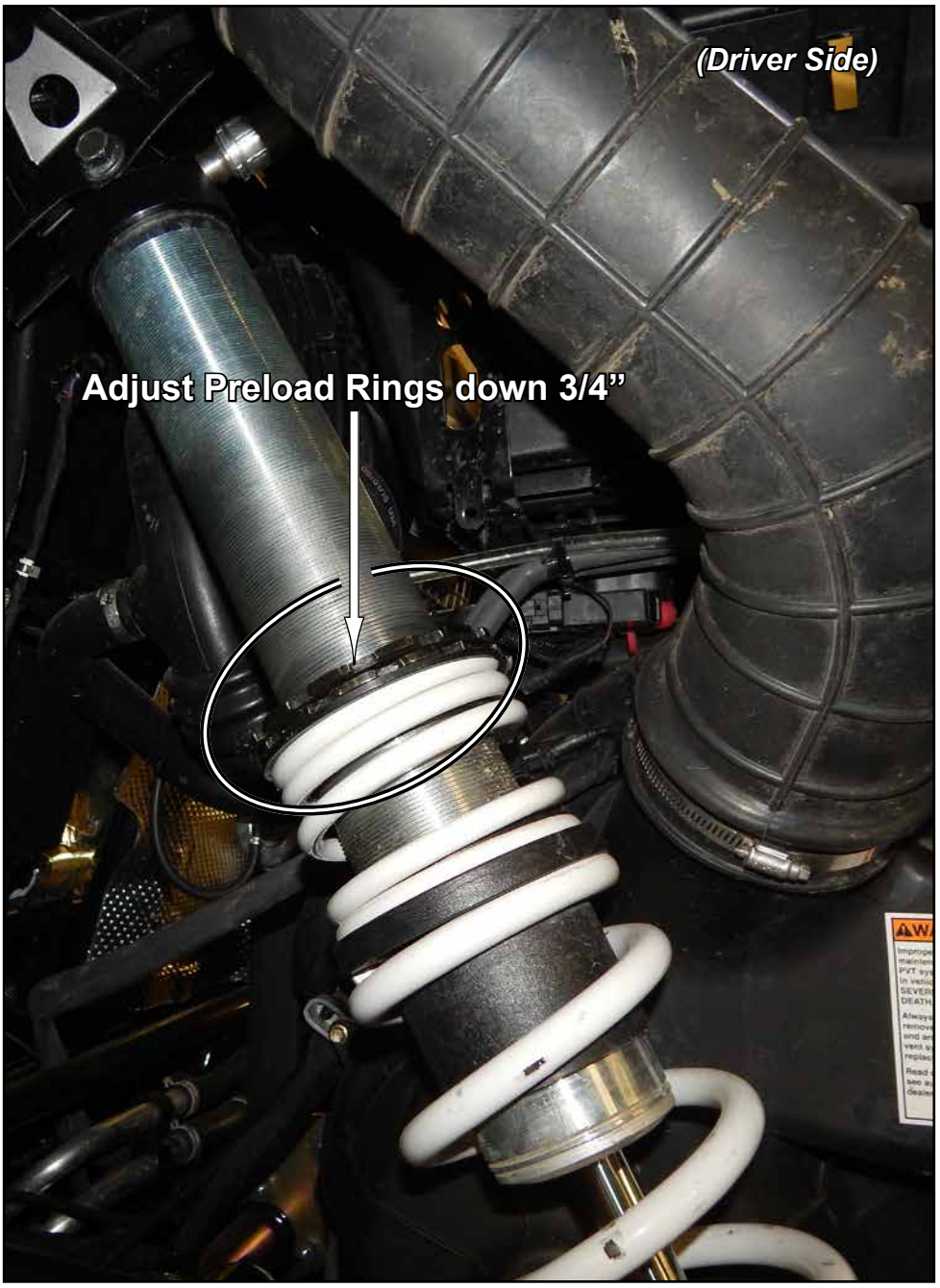






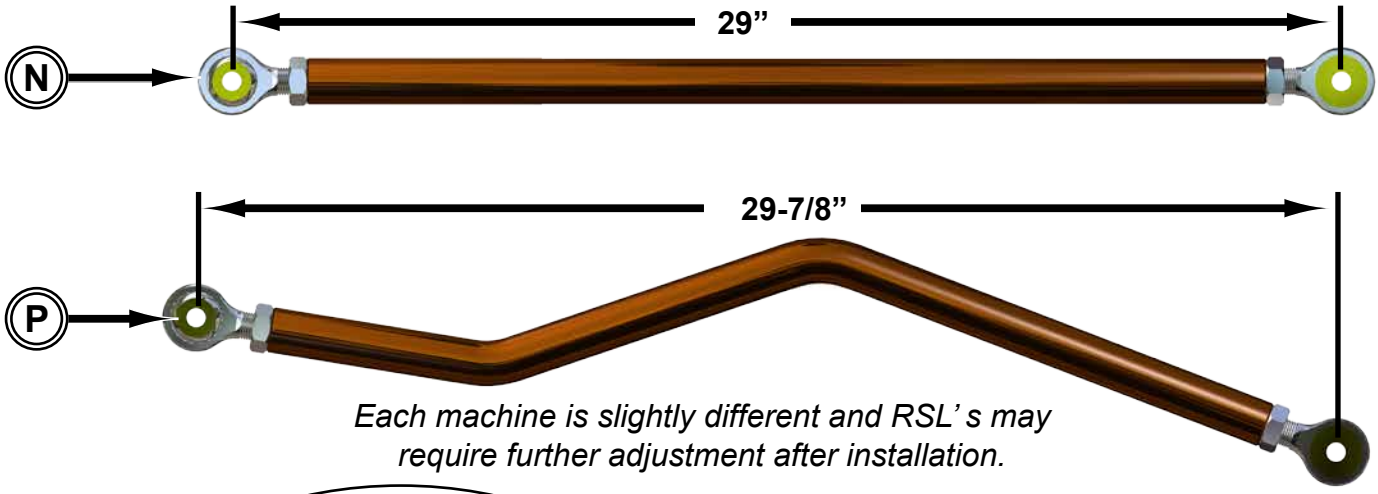


Rear Shock Settings; SuperATV recommends using a lubricant on threads of Shock when adjusting Rings.

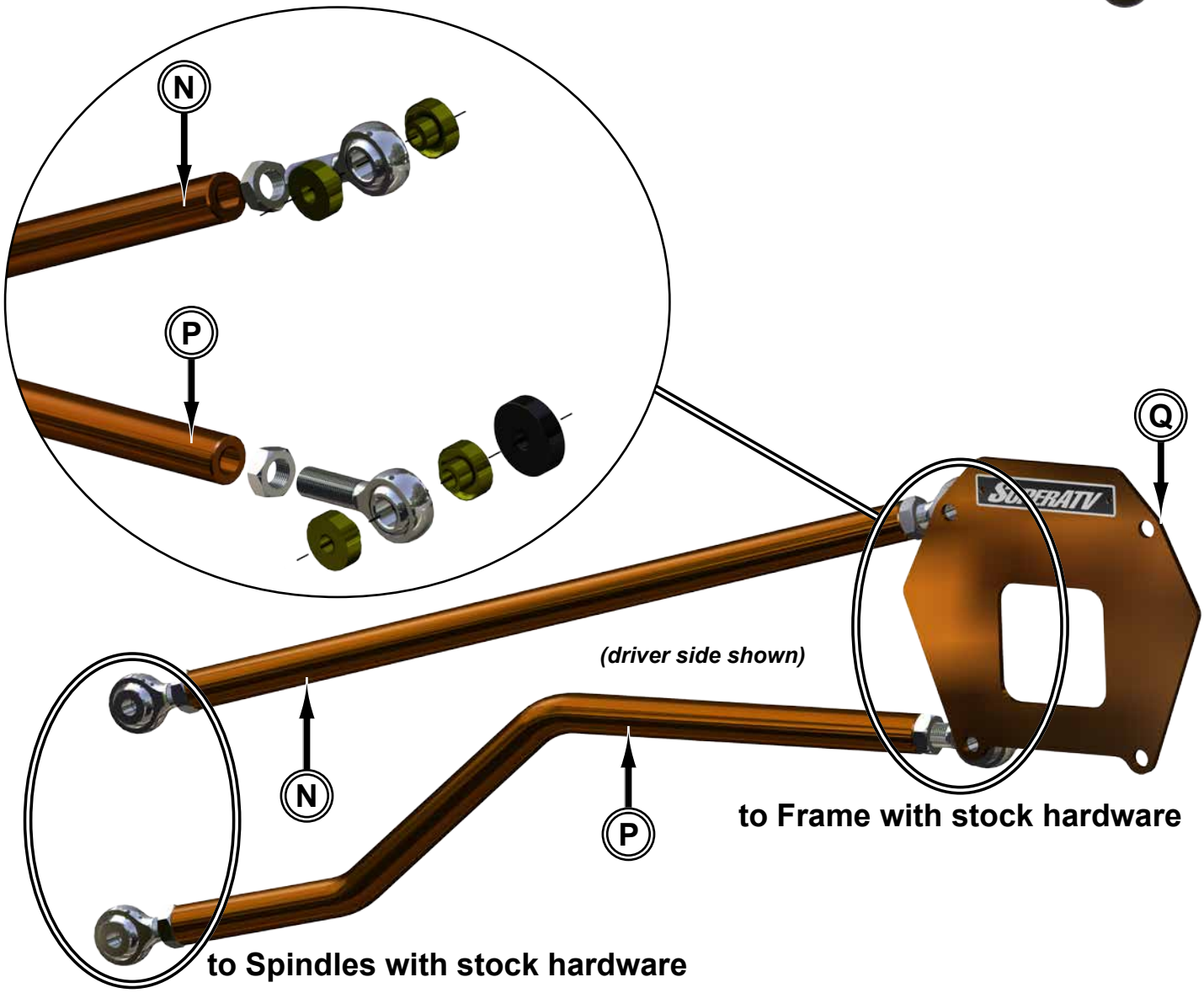


Radius Arms Installation:

- Measure stock eye-to-eye dimensions.
- Equally adjust RSL ends on new RSL until stock dimension is met.
- Tighten hardware on new RSL.
- Repeat for remaining RSL's and install to machine.
- If Wheels and Axles do not rotate freely, equally adjust Radius Arms "out" in small increments.



Each machine is slightly different and RSL' s may require further adjustment after installation.



Hub Mount installation and adjustments: *Do not tighten hardware completely unless noted.*

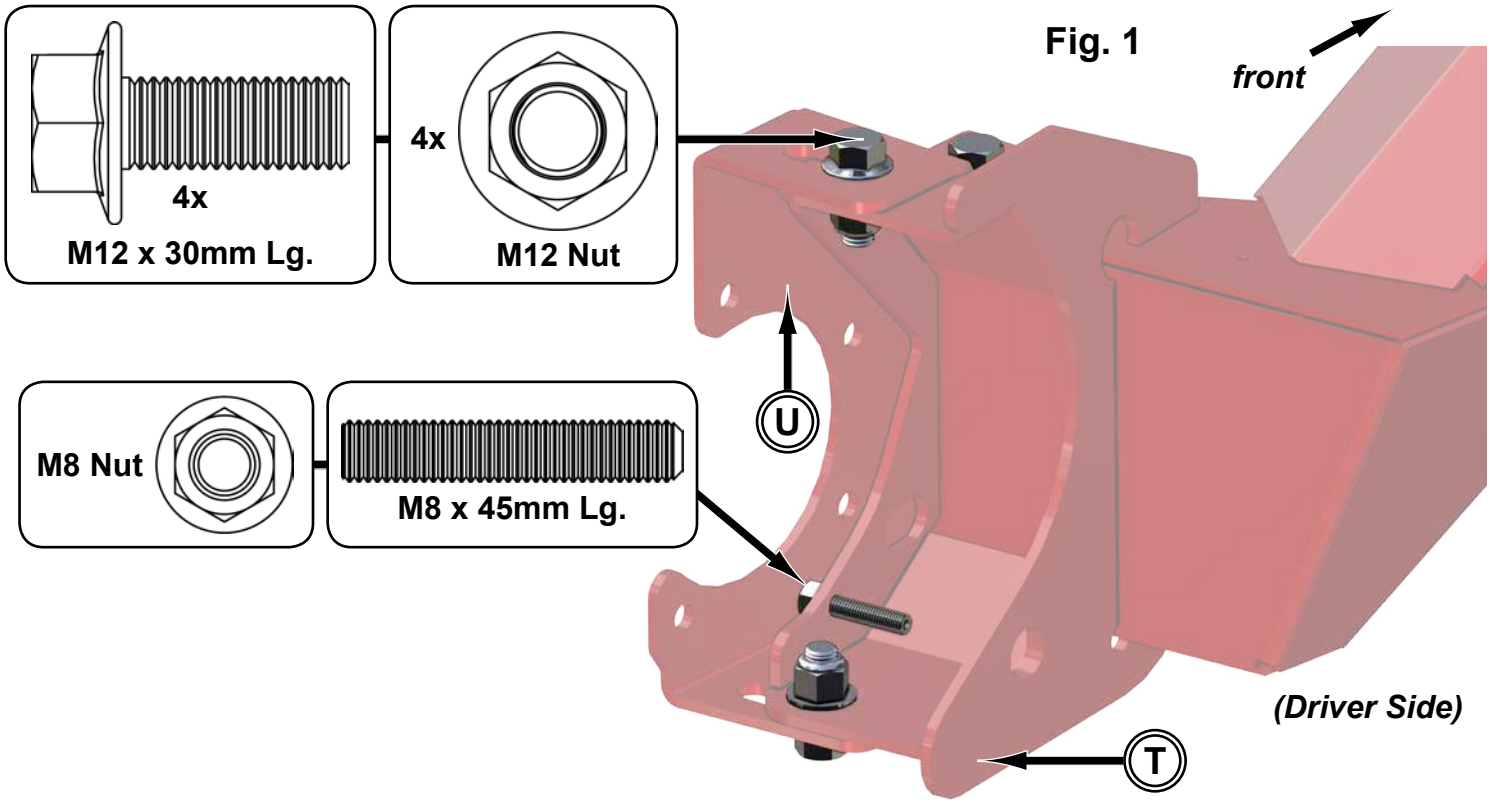


Fig. 1

See Figs. 1 - 1c.

1. Install Hub Mount (U) to Trailing Arm (T) with M12-1.75 x 30mm Lg. FHCS and M12-1.75 Nylock Nuts. ***Do not tighten hardware***.
2. Install M8-1.25 x 45mm Lg. Set Screw and M8-1.25 Nut into Trailing Arm (T). ***Leave Set Screw flush with Nut or just past flush for now***.

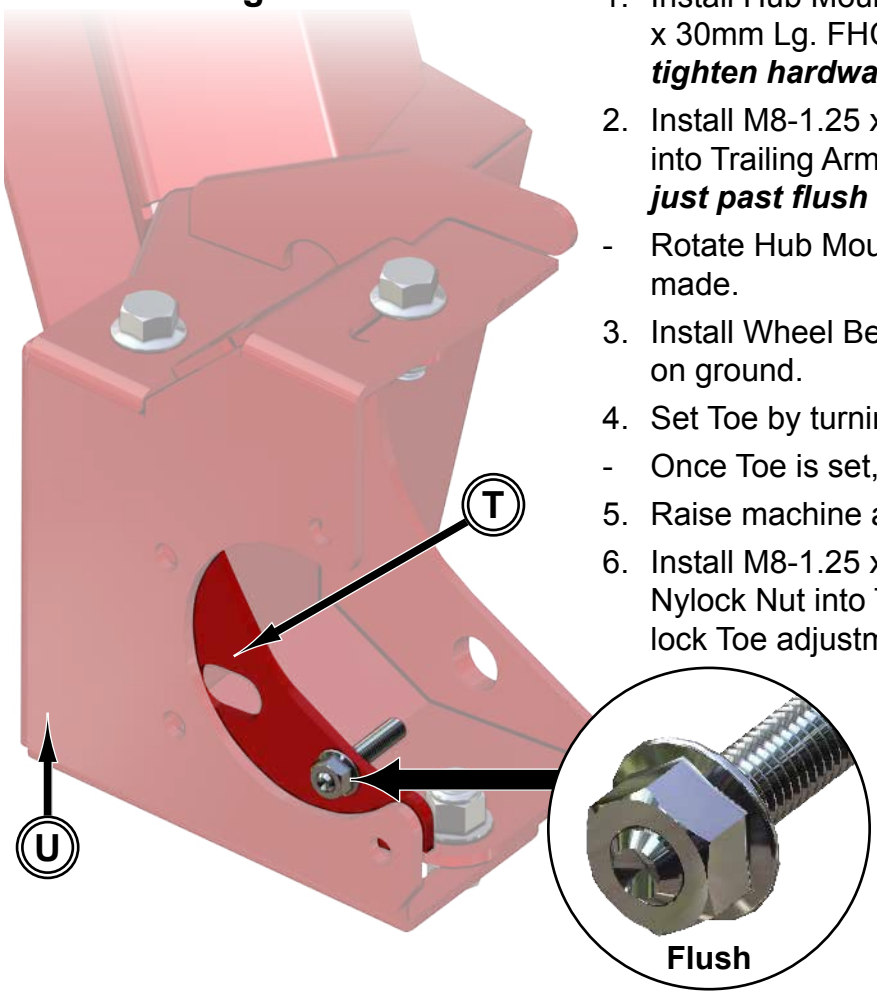
- Rotate Hub Mount (U) until contact with Set Screw is made.

3. Install Wheel Bearings, Calipers, and Tires; set machine on ground.
4. Set Toe by turning Set Screw installed in Step 2.

- Once Toe is set, tighten M12 hardware installed in Step 1.

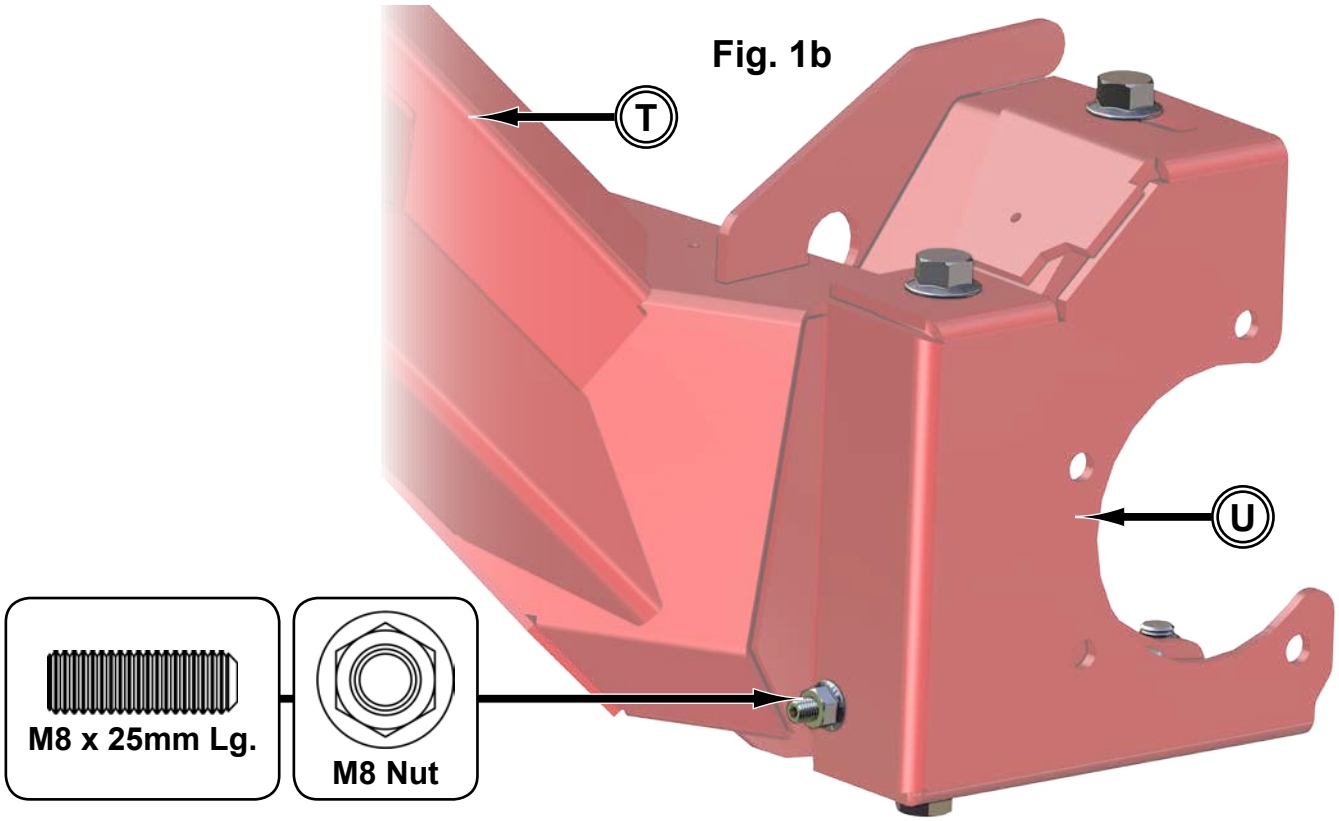
5. Raise machine and remove tires.
6. Install M8-1.25 x 25mm Lg. Set Screw and M8-1.25 Nylock Nut into Trailing Arm (T) and tighten completly to lock Toe adjustments in place.

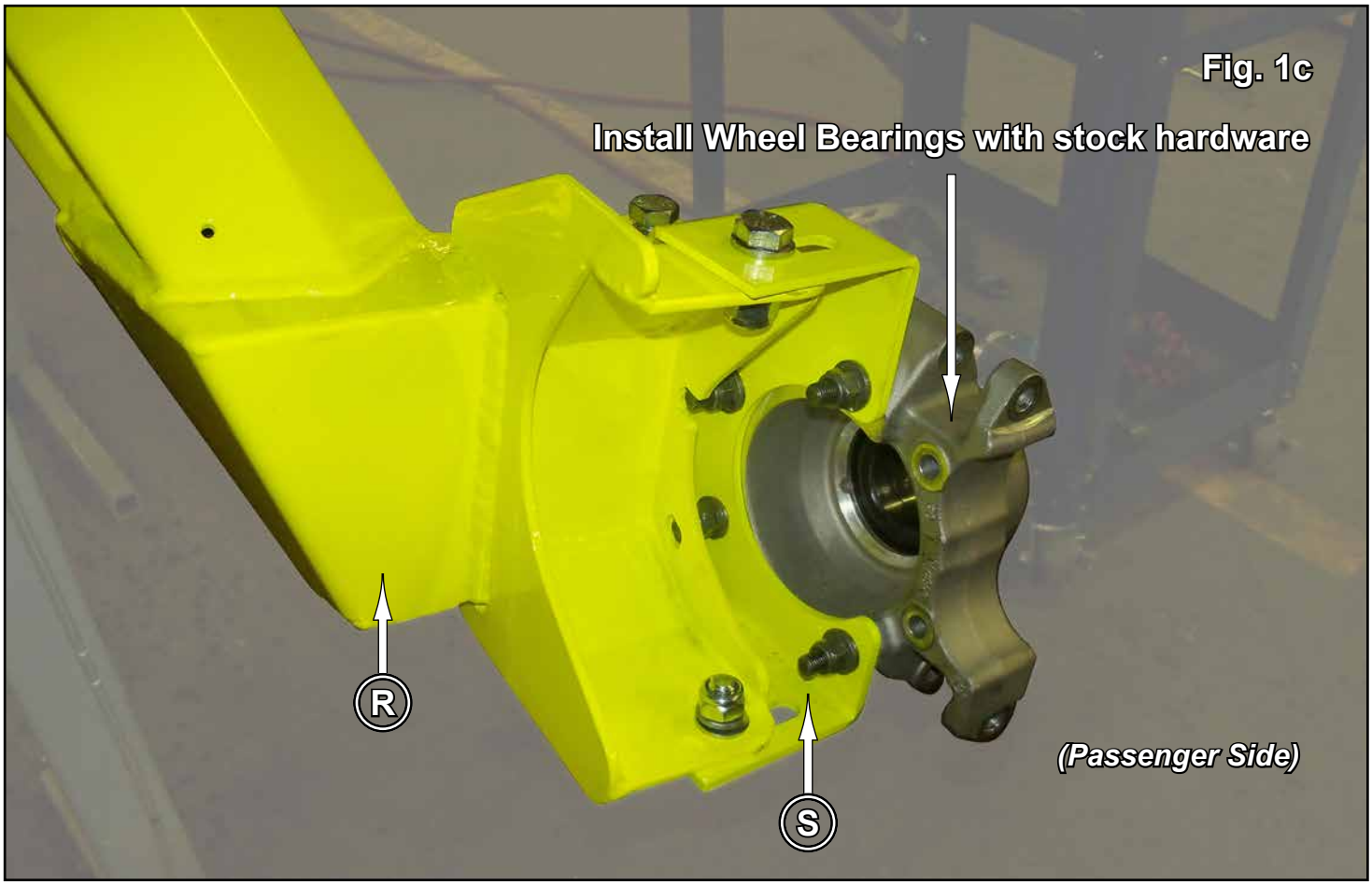
Fig. 1a



(Hub Mount installation and adjustment illustrations continue on following page)

Fig. 1b

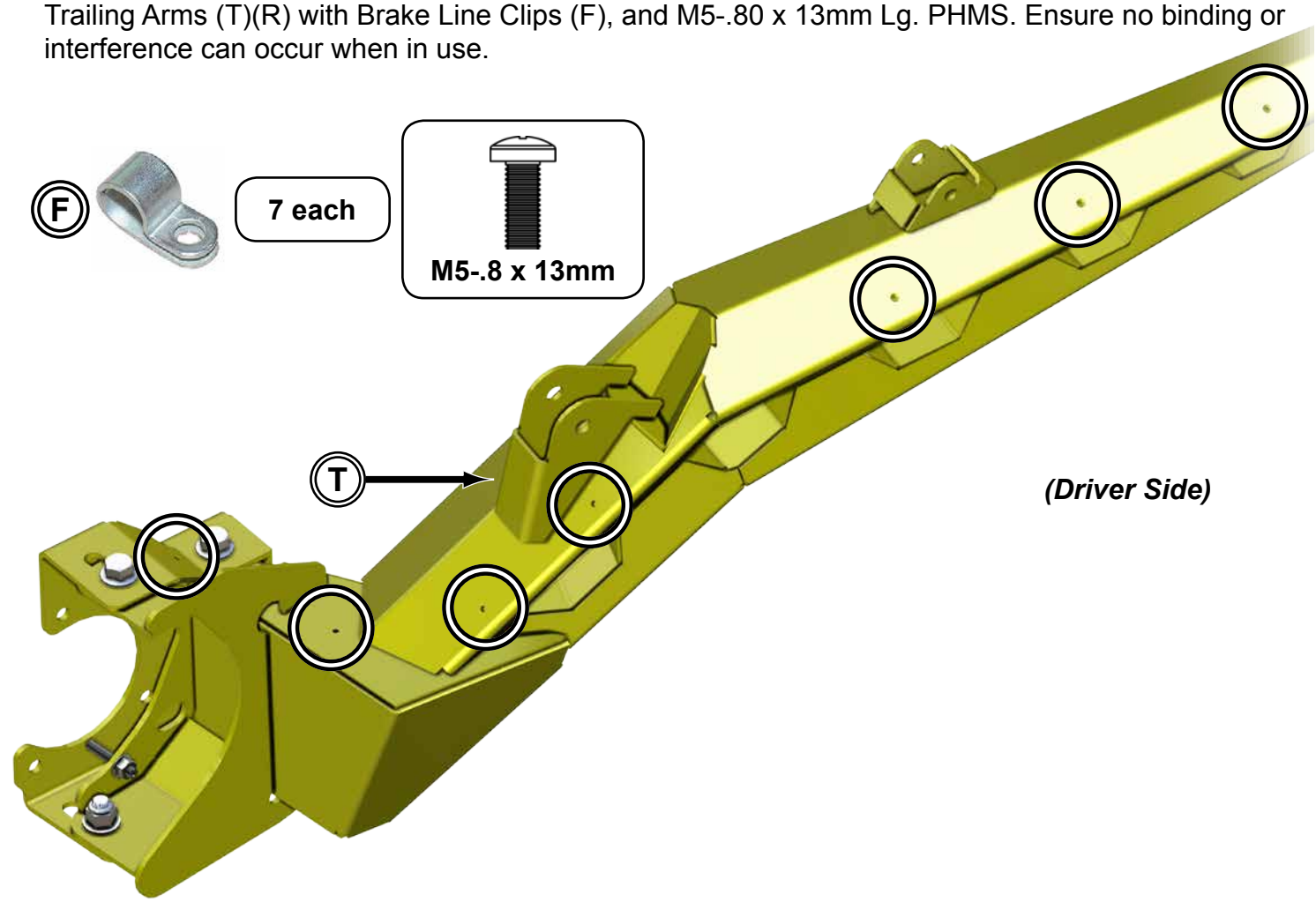


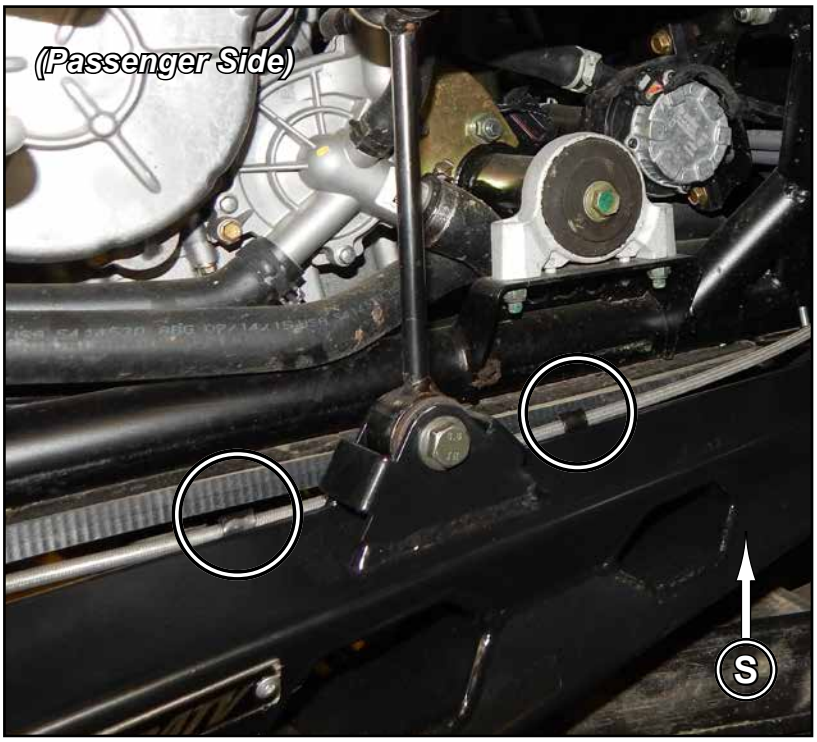


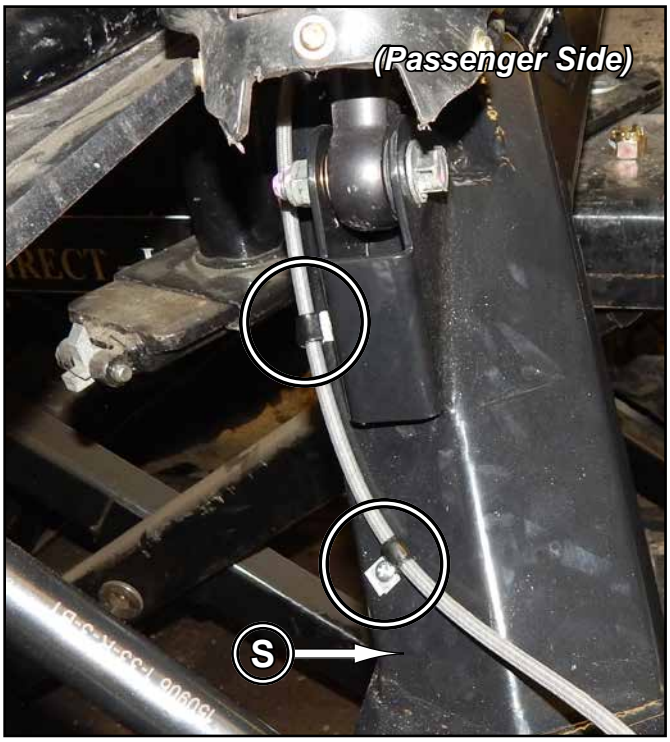
Tighten all hardware completely.

Rear Brake Line (M) Installation:

- Install Rear Brake Lines (N); *Right is 114" long and Left is 58" long approximately.* Secure to Trailing Arms (T)(R) with Brake Line Clips (F), and M5-.80 x 13mm Lg. PHMS. Ensure no binding or interference can occur when in use.



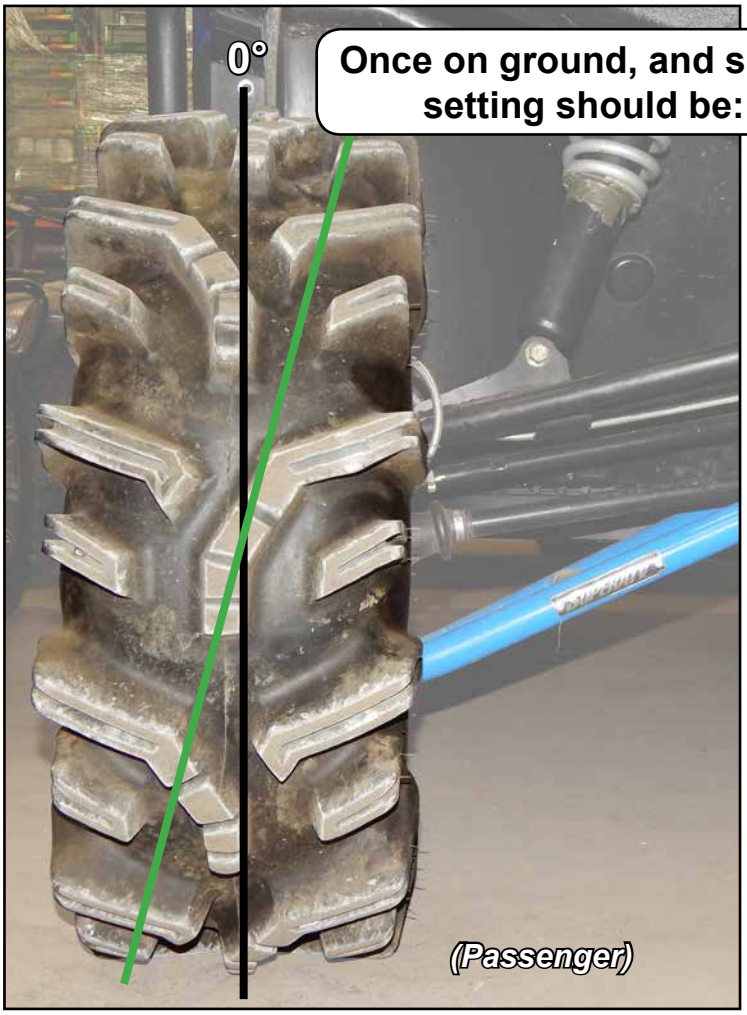




CAMBER

Perform adjustments in small increments.

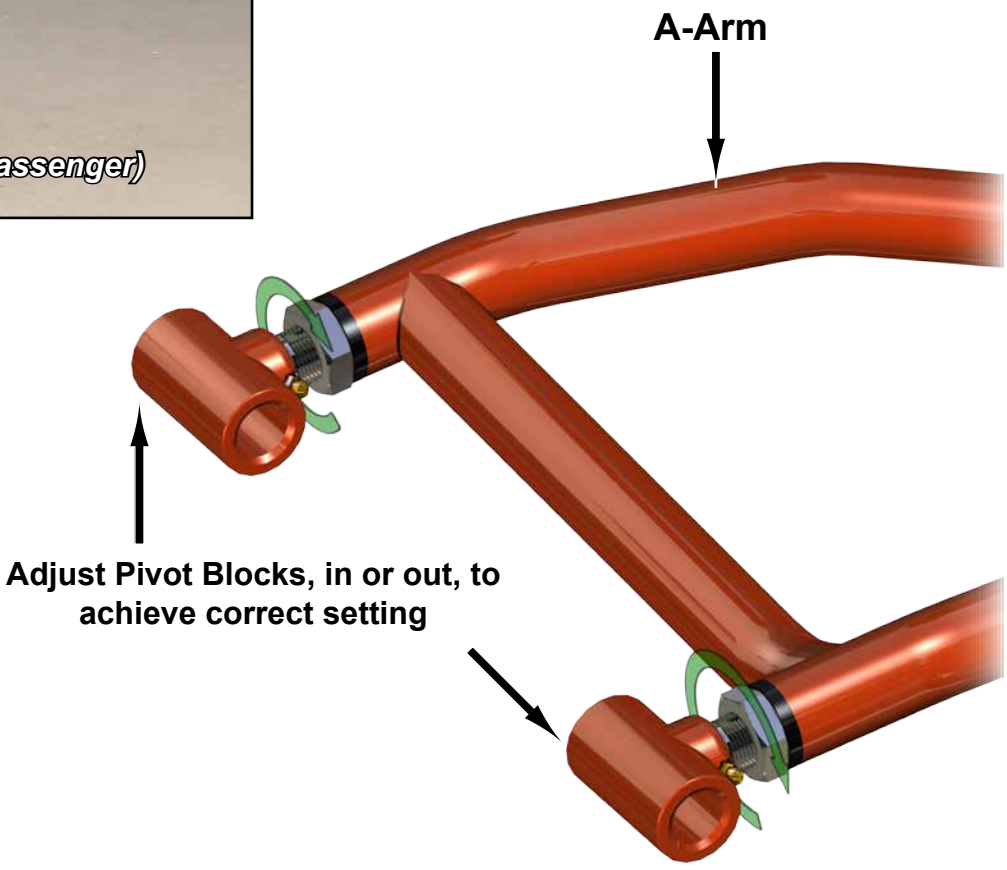
Adjustments are to be made after all suspension components have been completely assembled.
Tires must not be in contact with ground when making adjustments.



Once on ground, and suspension is settled, setting should be: negative 1° - 2°

1. **Raise machine so that tires are off ground.**
2. **Turn Pivot Blocks to adjust camber.**
3. **Lower machine and settle suspension components by rolling machine back and forth several feet at a time.**
4. **Check settings and make small adjustments as needed.**

- **Each time an adjustment is made, machine must be rolled back and forth to settle suspension components.**



CASTER

Perform adjustments in small increments.

Adjustments are to be made after all suspension components have been completely assembled.
Tires must not be in contact with ground when making adjustments.

1. **Raise machine so that tires are off ground.**
2. **Turn Pivot Blocks to adjust caster.**
3. **Lower machine and settle suspension components by rolling machine back and forth several feet at a time.**
4. **Check settings and make small adjustments as needed.**

- **Each time an adjustment is made, machine must be rolled back and forth to settle suspension components.**

Once on ground, and suspension is settled, setting should be: positive 3° - 4°

Adjust Pivot Blocks, in or out, to achieve correct setting. One Pivot Block will be different.