



Can Am X3 MTS Suspension Kit

(Part #51-10751000 - 51-10751011)

DISCLAIMER

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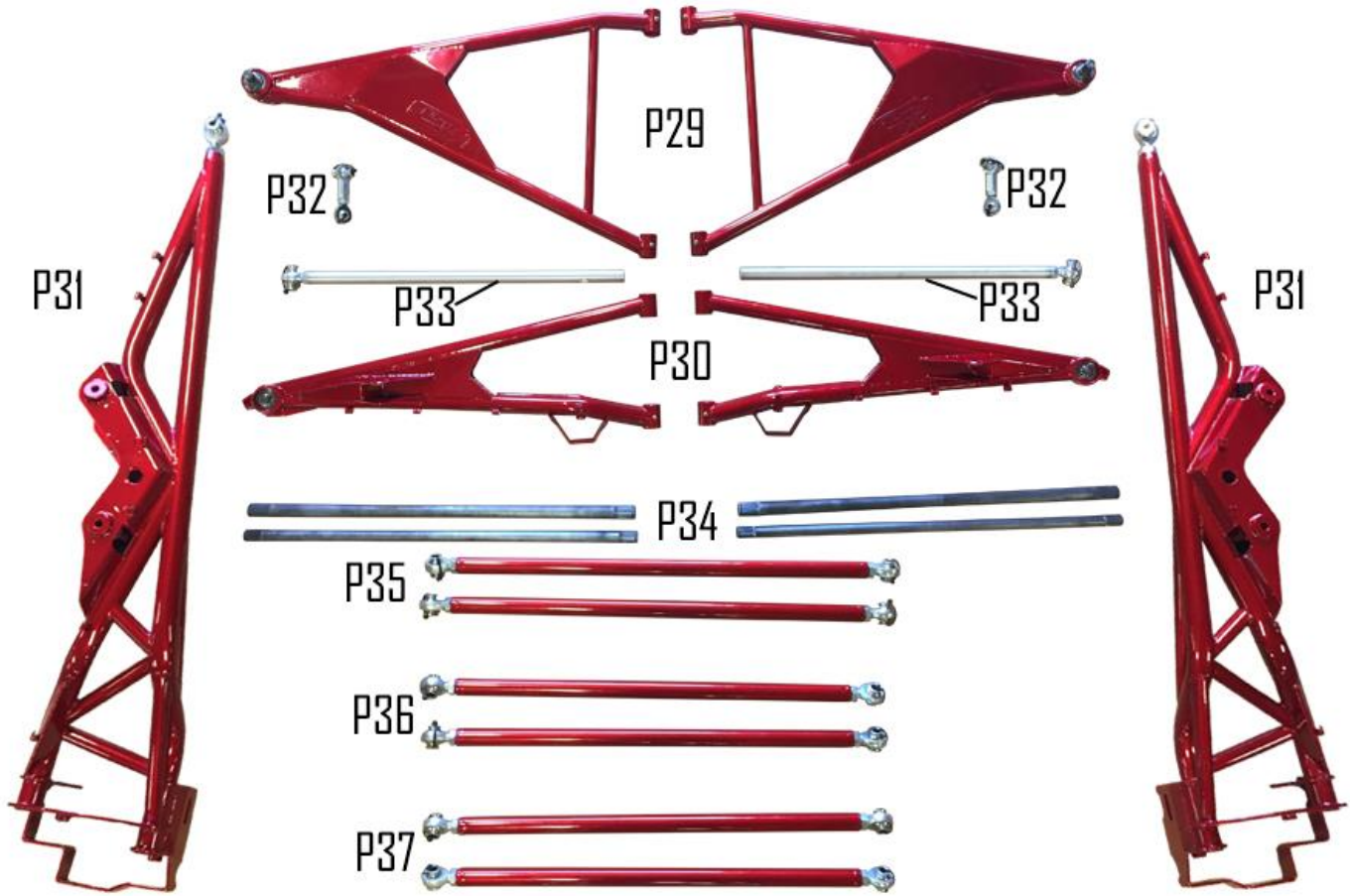
The illustrations in this document show typical construction of the different assemblies and may not reproduce the full detail or exact shape of the parts; however, they represent parts that have the same or similar function.

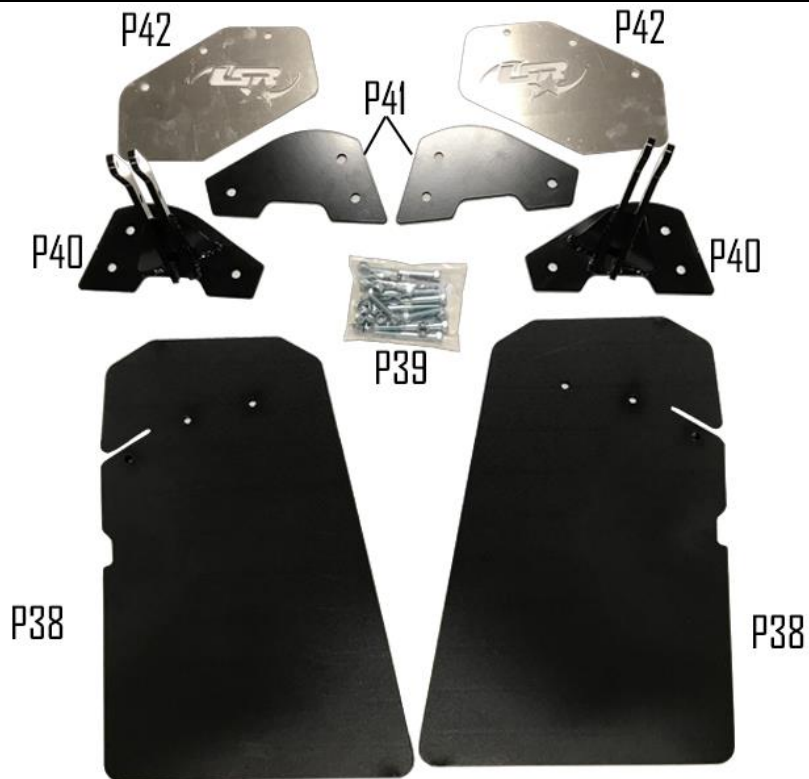
WARNING

- **This instruction sheet MUST be given to the purchaser.**
- Read and understand these instructions before installing product
- This product does not provide additional roll over protection
- This product is not intended as an anchor point for pulling
- Do not use product if there are any signs of damage
- Factory torque wrench tightening specifications must strictly be adhered to.
- Some components may be HOT. Always wait for engine to cool down before performing work.
- Always wear EYE PROTECTION AND APPROPRIATE GLOVES when using power tools.
- Unless otherwise specified, engine must be OFF when performing any operation on the vehicle.
- Always be aware of parts that can move, such as wheels, transmission components, etc.



Parts Included:







<u>#</u>	<u>Description</u>	<u>Quantity</u>
P1	3/4 X 16 Trailing Arm Jam Nuts	2
P2	5/8 x 18 Radius Rod Jam Nuts(8 left, 8 right)	16
P3	1/2x20 Jam Nut	2
P4	M12x1.25 Castle Nuts	2
P5	M10x1.5 Nylon Locknuts	2
P6	3/8 x 24 Uniball Bolts	4
P7	M10 Washers	6
P8	M12 Washers	6
P9	M10x1.5x60 Bolts	4
P10	Short Radius Rod Spacers	4
P11	M12x1.75 Nylon Locknuts	4
P12	Uniball Spacers	4
P13	Trailing Arm Spacers	4
P14	Front Swaybar Link Spacers	4
P15	Radius Rod Spacers	20
P16	Tie Rod Spacers	4
P17	Uniball Snap Rings	4
P18	M12x1.75x120(lower swaybar link/lower rear shock)	4
P19	3/4 Rod End	2
P20	Upper Uniball Stud	2
P21	Lower Uniball Stud	2
P22	1/2" Front Swaybar Male Rod Ends	2
P23	Uniballs	4
P24	Zerk Fittings	8
P25	Rear Sway Bar Links	2
P26	1/2" Front Swaybar Female Rod Ends	2



P27	5/8 Rod Ends(6 right, 8 left)	14
P28	Toe Link Box Plate	2
P29	Front Lower A-arms	2
P30	Front Upper A-arms	2
P31	Trailing Arms	2
P32	Front Sway Bar Links	2
P33	Tie Rods	2
P34	Axle Shafts	4
P35	Center Radius Rods/Toe Links	2
P36	Upper Radius Rods	2
P37	Lower Radius Rods	2
P38	Mud Flaps	2
P39	Mud Flap Kit Hardware Pack	1
P40	Mud Flap Outer Brackets	2
P41	Mud Flap Inner Brackets	2
P42	Mud Flap Logo Plates	2

Installation notes:

- Front A-arms are basic bolt on
- Re-use factory inner pivot tubes and bushings
- Tighten uniball bolts once arms are installed
- Drill factory rivets holding brake lines and route as shown(fig 7-1)
- Set front toe to 1/8" toe in
- All measurements are with ride height at 17" front and 16 1/2" rear with 30" tires.
- For front sway bar links use female rod end for lower link



- Use center outer radius rod bolts for upper sway bar links. New bolts are provided for lower mount(fig 9-1)
- Set trailing arm rod ends to $1 \frac{3}{4}$ "(fig 10-1)
- Insert center radius rod/toe link block plate with curved side towards the center of car(fig 8-1)
- Adjust the rear radius rods as follows(fig 11-1):
 - Lower radius rod $29 \frac{1}{4}$ " center to center
 - Center radius rod/toe link adjust for 0 degrees of toe
 - Upper radius rod adjust for -1 degree of camber



Figure 7-1

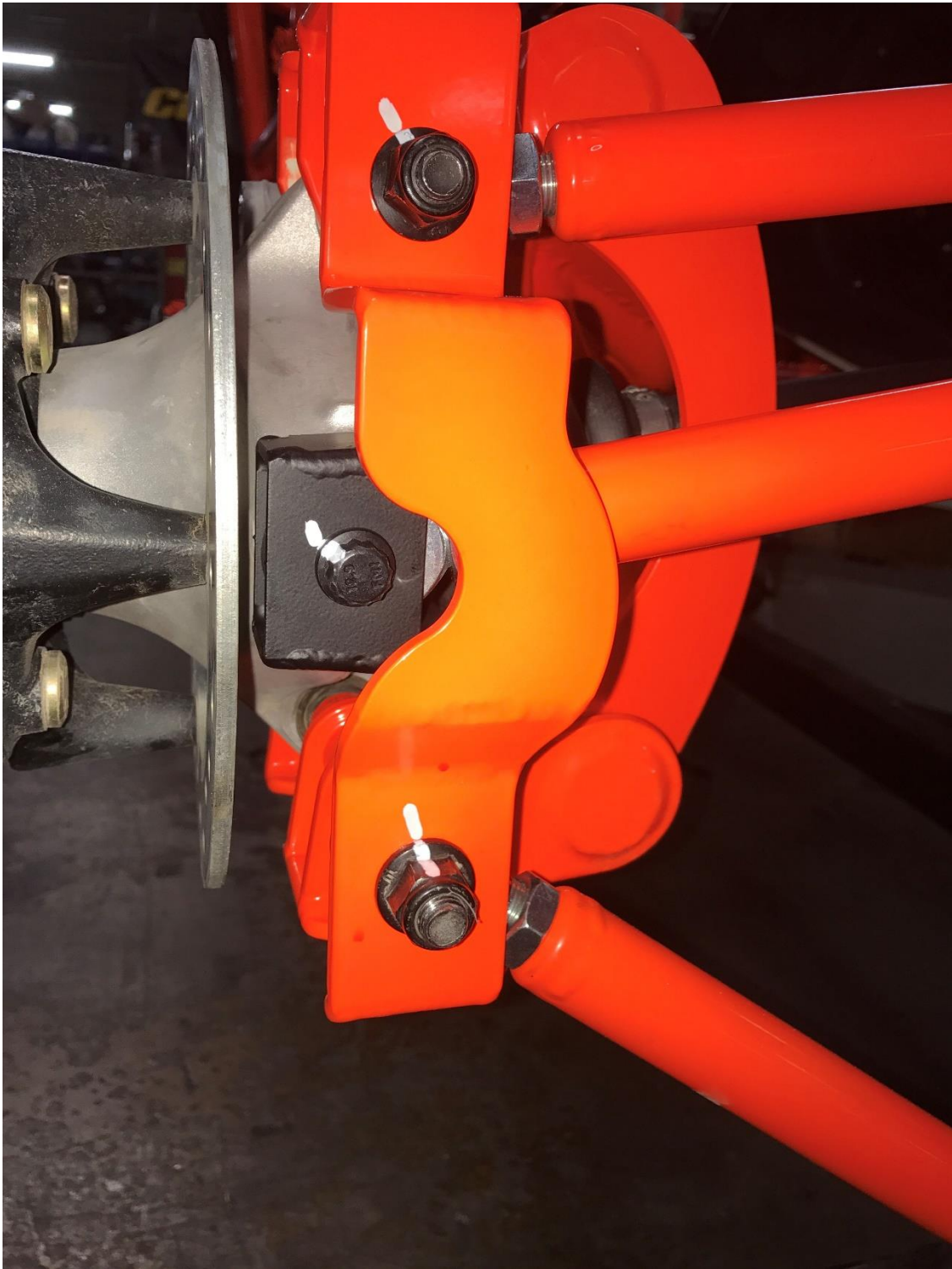


Figure 8-1



Figure 9-1

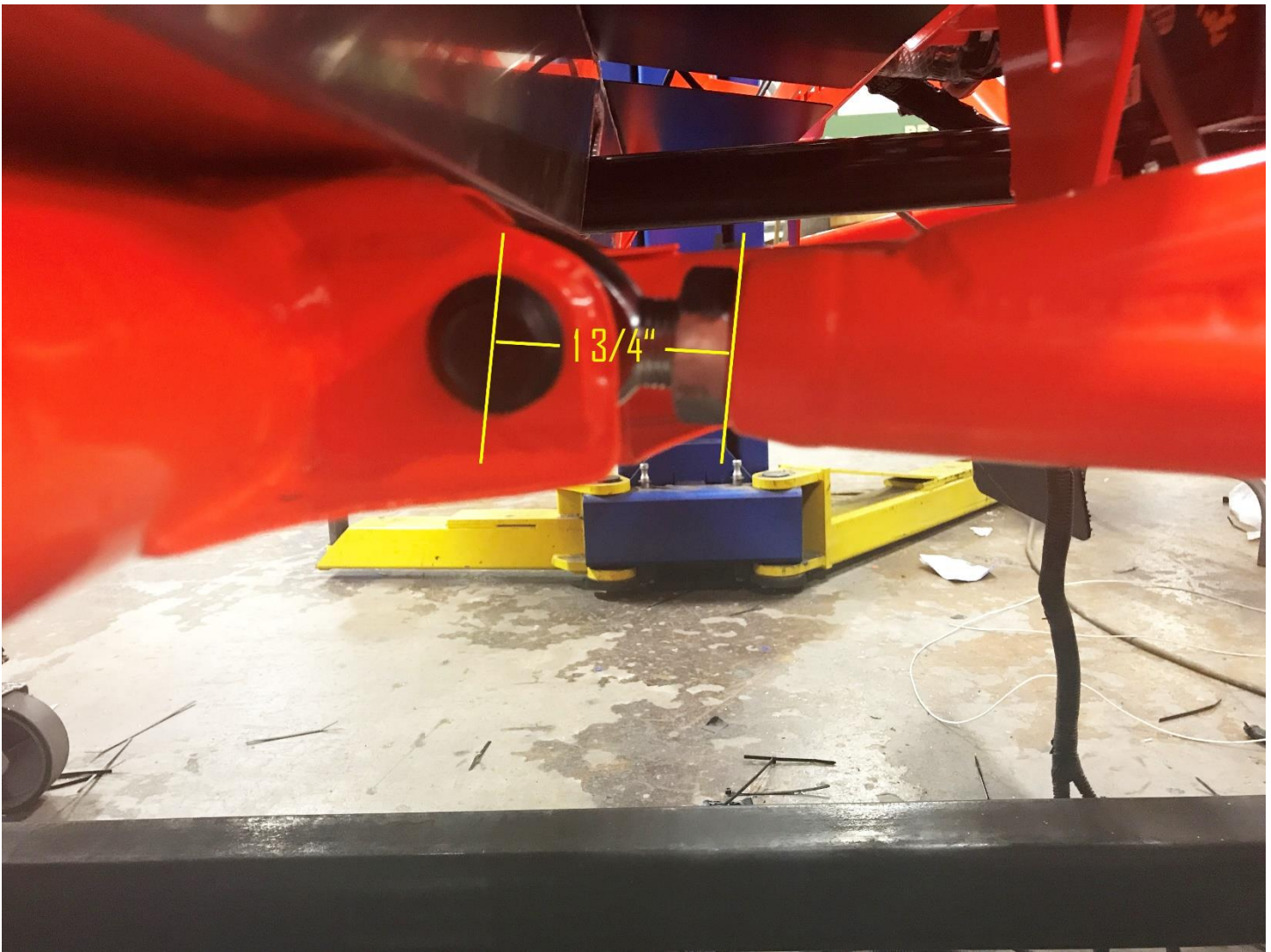


Figure 10-1



Figure 7-1