

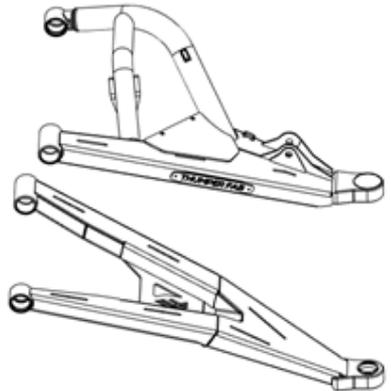
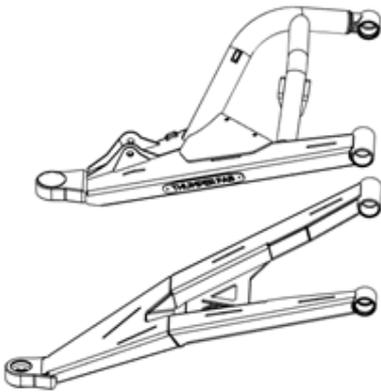


THUMPER FAB

Aluminum Audio Roofs ♦ Roll Cages ♦ UTV Accessories

POLARIS GENERAL XP Forward Arms

SKU: TF031201



Thumper Fab

5103 Elysian Fields Rd, Marshall, TX 75672

Customer Service: 903-472-0928

www.thumperfab.com

Ver. 0522.A

Polaris General XP

Forward Arms

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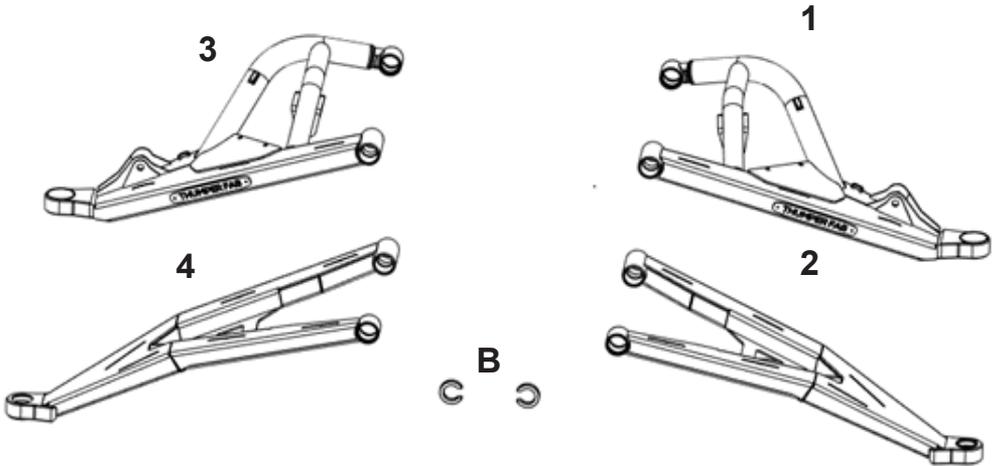


PARTS

REF	QTY	DESCRIPTION
1	1	Driver Upper Forward Control Arm
2	1	Driver Lower Forward Control Arm
3	1	Passenger Upper Forward Control Arm
4	1	Passenger Lower Forward Control Arm
HARDWARE KIT		
A	6	Zip Ties
B	2	Polaris Steering Stop

TOOLS

- Ratchet
- 15mm Socket
- 18mm Socket
- 15mm Wrench
- 18mm Wrench
- Flat Head Screwdriver

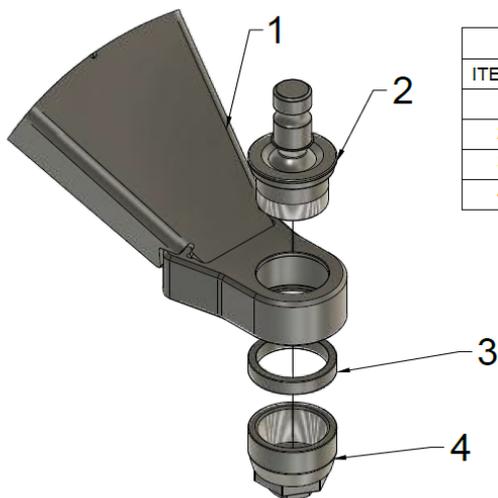


BEFORE YOU BEGIN

If you do not feel comfortable installing your **Thumper Fab** Forward Arms, please see your nearest Polaris® Dealer for installation.

INSTALLATION INSTRUCTIONS FOR BALL JOINTS

KELLER



PARTS LIST	
ITEM #	DESCRIPTION
1	CONTROL ARM / BALL JOINT HOUSING
2	KELLER - TOP PORTION
3	RING INSERT
4	KELLER - CAP

1. Press RING INSERT into housing first.
2. Press KELLER - TOP PORTION into HOUSING and RING INSERT.
3. Install ball joint internals.
4. Install KELLER - CAP and set adjustment for ball joint.

OEM

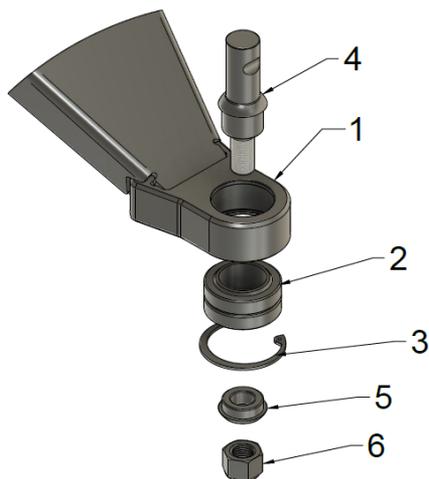


PARTS LIST	
ITEM #	DESCRIPTION
1	CONTROL ARM / HOUSING
2	RING INSERT
3	POLARIS OEM BALL JOINT
4	EXTERNAL RETAINING RING

1. Press in RING INSERT into HOUSING first.
2. Press in OEM BALL JOINT into RING INSERT & HOUSING.
3. Install EXTERNAL RETAINING RING.

INSTALLATION INSTRUCTIONS FOR BALL JOINTS

UNIBALL



PARTS LIST	
ITEM #	DESCRIPTION
1	CONTROL ARM / BALL JOINT HOUSING
2	UNIBALL
3	INTERNAL RETAINING RING
4	UNIBALL PIN
5	MISALIGNMENT
6	LOCKNUT

1. Press in UNIBALL into HOUSING.
2. Install INTERNAL RETAINING RING.
3. Insert UNIBALL PIN into UNIBALL.
4. Install MISALIGNMENT onto threaded end of UNIBALL PIN.
5. Thread and tighten LOCKNUT onto UNIBALL PIN.

INSTALLATION INSTRUCTIONS

Removal of the Factory Control Arms

Note: Pictures take place on passenger side. Process is the same for driver and passenger side.

Remove the Front Tires

Place the UTV into park. Use a jack and jackstands to lift and secure the UTV, then remove the tires.

Remove the Lower Shock Mount Bolt

Use a 15mm wrench and 15mm socket to remove the lower shock mounting bolt (**FIG 1**). Once the bolt is removed and the shock is able to swing upward, tie the shock up and out of the way for control arm removal and replacement (**FIG 2**).



FIG 1 - Remove Shock Bolt using 15mm Socket and 15mm Wrench



FIG 2 - Tie Shock out of the way for Control Arm Removal and Replacement

INSTALLATION INSTRUCTIONS

Unmount Brake Line

Use a flathead screwdriver to pry brake line out of mounting brackets so that the brake line is fully detached from upper control arm (**FIG 3**).

Remove the Brake Caliper

Use a 15mm socket to remove the brake calipers and slide the calipers inside the Frame of the UTV behind the radiator so the caliper and brake line is out of the way for control arm removal and replacement.



FIG 3 - Unfasten Brake Line from Control Arm using Flat Head Screwdriver

INSTALLATION INSTRUCTIONS

Unfasten the Upper Ball Joint and Sway Bar Link

Use a 15mm socket and 15mm wrench to remove the upper ball joint securing bolt and the bolt fastening the front sway bar link to the upper control arm (FIG 4).



FIG 4 - Unfasten the Upper Ball Joint and the Sway Bar Link using the 15mm Socket and 15mm Wrench

Remove the Upper Control Arm

Use a 18mm socket and 18mm wrench to remove the 2 upper control arm mounting bolts that attach the arm to the frame (FIG 5).

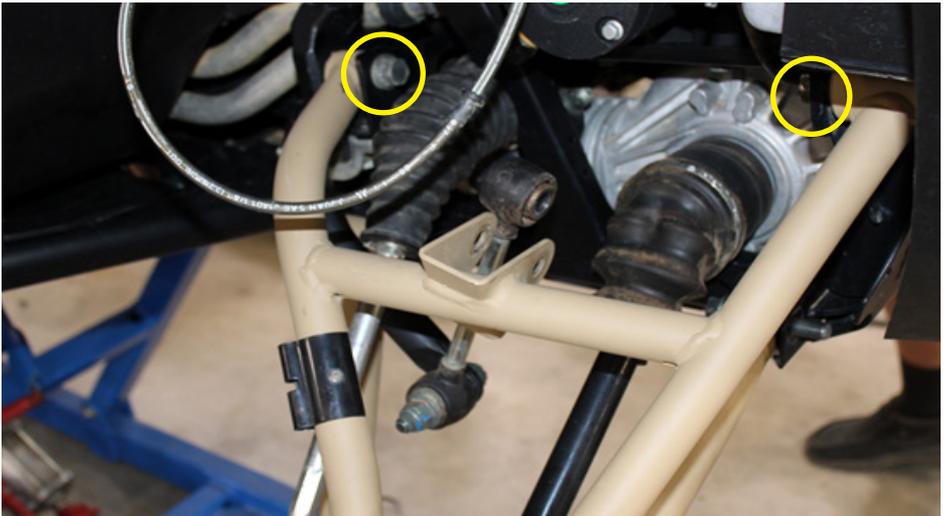


FIG 5 - Remove the Upper Control Arm using the 18mm Socket and the 18mm Wrench

INSTALLATION INSTRUCTIONS

Remove Lower Control Arm

Use a 15mm socket and 15mm wrench to remove the lower ball joint securing bolt to the hub assembly. Use an 18mm socket and 18mm wrench to remove the 2 control arm mounting bolts that attach control arm to frame (**FIG 6**).



FIG 6 - Remove Lower Control Arm using 15mm Socket, 18mm Socket and 18mm Wrench

Install Polaris General Steering Stop

Locate and cut the inner zip tie that holds the steering boot in place (**FIG 8**). Pull back the steering boot and install the Polaris steering stop (**B**) onto the worm gear of both sides of the steering rack. Use the provided zip tie (**A**) to reseal the steering boot (**FIG 9**).



FIG 8 - Locate and cut Zip Tie using Snips



FIG 9 - Press Steering Stop (B) onto Worm Gear Shaft

INSTALLATION INSTRUCTIONS

Install New Forward arms

Install new forward control arms in the reverse order as shown in the instructions for removal of control arms.

Install Brake Line mounting Zip Ties

Use provided zip ties (**A**) to fasten the brake line to the upper control arm in the provided brake line fastening slot (**FIG 10**).

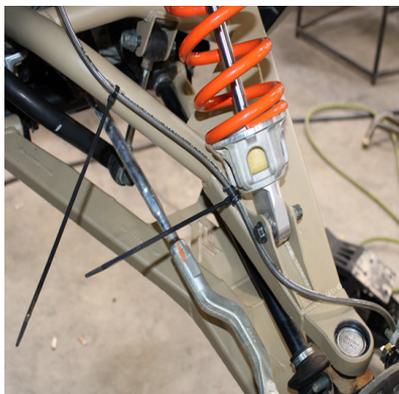


FIG 10 - Use provided Zip Ties to fasten Brake Line to Upper Control Arm



FYI - Stock Ball Joints are Compatible with Rock Guard, Trim or Remove Rock Guard if Running Keller or Uniball Ball Joints

Check Toe Alignment

Check the toe and realign steering if necessary. Torque all fasteners to factory specifications.

Reattach the Front Tires

Reattach the front tires and torque lug nuts to factory specifications. Remove the jackstands and lower the UTV to the ground.

**Enjoying your Thumper Fab Forward Arms?
Check out these other Thumpin' products
for your General XP!**



**TF030701, TF030702 - Polaris General Nerf Rail Options
Available!**

Polaris General 2 Seat Audio Roof & Led Light System



TF030304 - Options Available!



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