



2017+ Maverick X3  
Double Shear Shock Brace # S3139



**INSTALLATION INSTRUCTIONS**

**Maverick X3 – Double  
Shear Shock Brace**



## 2017+ Maverick X3 Double Shear Shock Brace # S3139

### PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
	S3139	Double Shear Shock Brace	1
	S3BK-CMAVX3-SB	Bolt Kit	1
	9283K15	Finishing Plug	2

1. **Start by placing X3 on flat ground with machine in Park (P).**
2. **Remove front hood.**
3. **Remove T30 bolts (x6) from the top of radiator and lower grill.**
4. **Remove T30 (x2) on each side of inside front fenders, T30 (x1) under fuel door, and T30 (x1) in same location on opposite side of machine.**
5. **Remove T20 (x1) from headlight bracket on each side of front shroud.**
6. **Remove T30 (x1) and 10mm nut from front (by LED running light) as well as the spring clamps.**
7. **Disconnect headlights and fan. Pull harness off fan shroud, and cut remaining zip ties holding hoses and wires in place. Pull harness out of the way.**
8. **At this time, the front plastics can be removed to allow easier access to your work area. \*\*\*Note – two plastic clips will pop loose from top plastics.\*\*\***
9. **Remove upper and lower 10mm radiator bolts. (TIP: Using tie strap or bungee cord, secure radiator above frame.)**



## 2017+ Maverick X3 Double Shear Shock Brace # S3139

10. Lift front of the machine, and place jack stand securely on frame.
11. Remove front shocks. (18mm socket and wrench)
12. Slight grinding is necessary on frame where the shock brace sits on existing welds. The two rivets, one per side, need to be drilled out or ground down flush. (Varies from machine to machine). See photos. (\*\*\*\*Figure A and Figure B\*\*\*\*)
13. Loosely install Shock Brace with 4 bolts on frame to locate where to drill out the preexisting holes. (drill bit size - 21/64") (TIP: the two rivets in the front frame section will also help locate drill points.)
  - a. (\*\*\*\*Figure C\*\*\*\*)
14. Remove the two black bolts/nuts from the frame. These holes will need to be drilled out 21/64". (\*\*\*Figure E\*\*\*)
15. With Shock Brace loosely installed, install shocks in upper mount. Place bolts into the Shock Brace to hang the shocks. Leave all hardware loose at this time. Radiator hoses should be routed on outside of shock brace.
16. Tighten 6 bolts on frame holding the Shock Brace to the frame above the front differential. The longer bolts will be installed on the side of the shock brace. (\*\*\*Figure C\*\*\*)
17. Tighten upper shock mount bolts, and install lower shock bolts into a-arms and tighten. (\*\*\*Figure D\*\*\*)
18. Reinstall radiator bolts & tighten. (\*\*\*Figure D\*\*\*)
19. Reinstall plastics.
20. Plug in headlights and fan. Zip tie wiring and hoses back in place.
21. Check over all hardware and bolts ensuring everything is tight.



# 2017+ Maverick X3 Double Shear Shock Brace # S3139

Figure A



Figure B





## 2017+ Maverick X3 Double Shear Shock Brace # S3139

Figure C



Figure D







## 2017+ Maverick X3 Double Shear Shock Brace # S3139

Figure E

