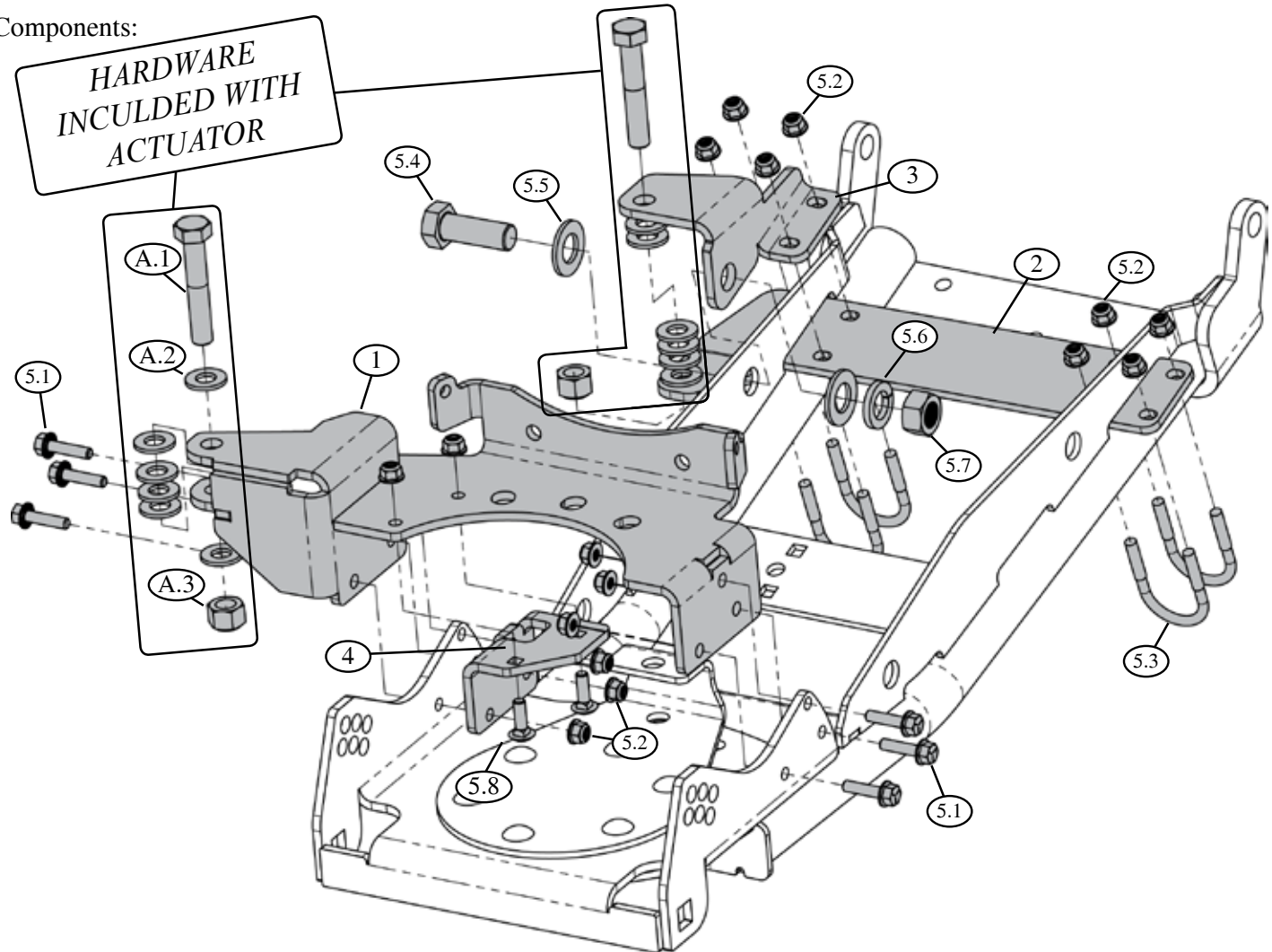


HYDRAULIC PLOW ACTUATOR BRACKETS

PLOW ACCESSORY

Mount: PART # 105895
Hardware Kit: HK-178

Kit Components:



Item #	Qty.	Part #	Description
1	1	106307	FRONT CRADLE BRKT
2	1	105803	REAR LOWER BRKT
3	1	105804	REAR UPPER BRKT
4	1	106199	FRONT INNER BRACKET
5	1	HK-178	HARDWARE KIT
5.1	6	HB-8Z-031-18-125	5/16"-18 X 1-1/4" HEX BOLT FLANGE
5.2	17	HNNFN-5Z-031-18	5/16"-18 HEX FLANGE NYLOCK NUT
5.3	4	P800275	5/16"-18 X 1-1/2" X 2-1/2" X 1-1/4" THREAD U-BOLT

Item #	Qty.	Part #	Description
5.4	1	HB-88Z-M18-250-045	M18 - 2.5 X 45MM HEX BOLT
5.5	2	FW-SAE-Z-075	3/4" SAE WASHER
5.6	1	LW-Z-075	3/4" LOCK WASHER
5.7	1	HN-Z-M18-250	M18 - 2.5 HEX NUT
5.8	3	CB-5Z-031-18-100	5/16"-18 X 1.00 CARRIAGE BOLT
HARDWARE INCLUDED WITH ACTUATOR			
A.1	2	HB-88Z-M14-200-080	M14 - 2.0 X 80MM HEX BOLT
A.2	12	FW-Z-M14	M14 FLAT WASHER
A.3	2	HNN-Z-M14-200	M14 - 2.0 HEX NYLOCK NUT



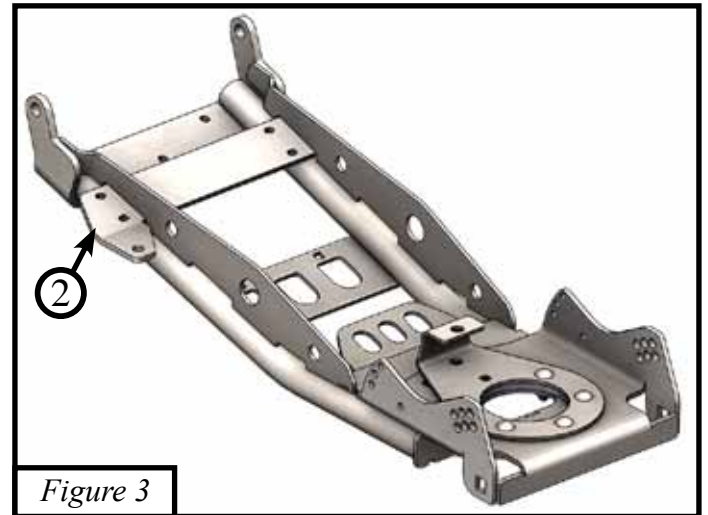
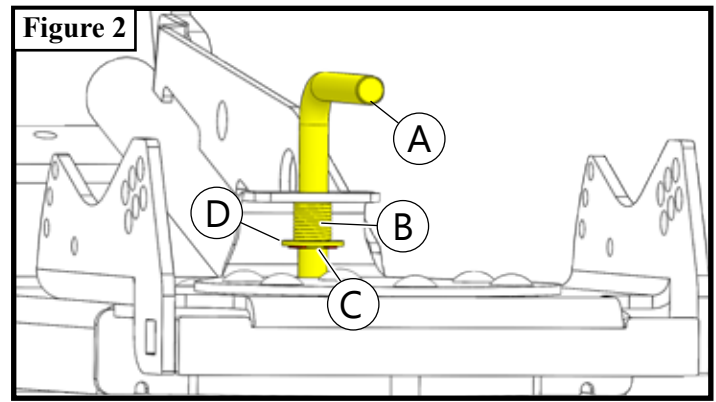
INSTALLATION INSTRUCTIONS:

Note: Make sure all of the hardware needed to complete this mount is in the package. Read through and understand the instructions before installing.

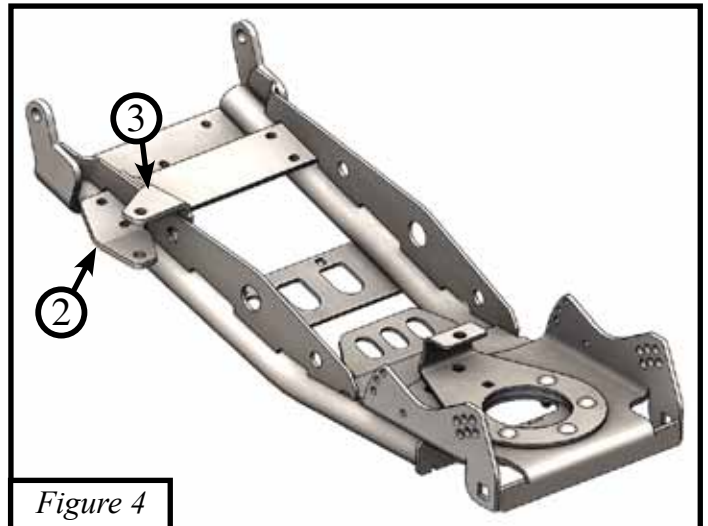
1. Pull up on lift latch handle (A) compressing spring (B) and remove the E-retaining clip (C) located under washer (D) as shown in Figure 1. Items (A,B,C, and D) can be discarded as they will not be reused. See Figure 2.



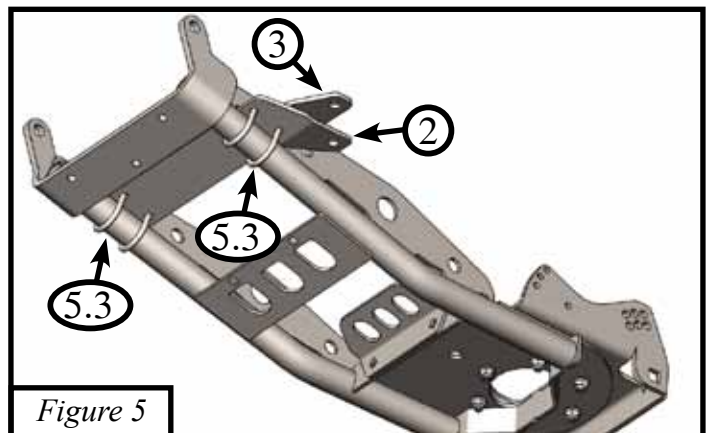
2. Slide the rear lower bracket (2) through the gaps of the push tube as shown in Figure 3.



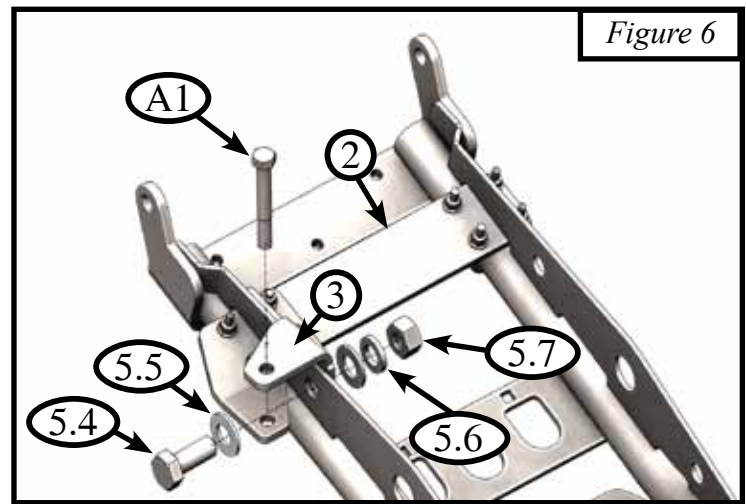
3. Set the rear upper bracket (3) on top of the lower bracket (2) on the passenger side of the tube. Line up the holes on the brackets and tube. Shown in Figure 4.



4. Insert the four U-bolts (5.3) through the rear brackets (2 & 3) shown in Figure 5. Loosely attach the 5/16" nuts (5.2) to the U-bolts.

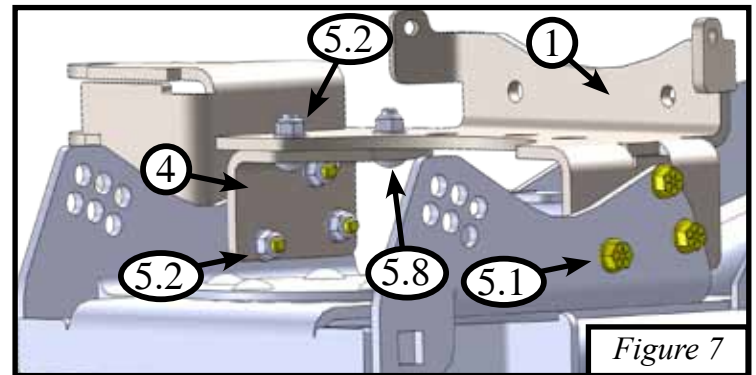


5. Place bolt (5.4) through flat washer (5.5) and Rear Lower Bracket. Slide washer (5.5), lock washer (5.6) onto bolt and tighten nut (5.7) as shown in Figure 6.



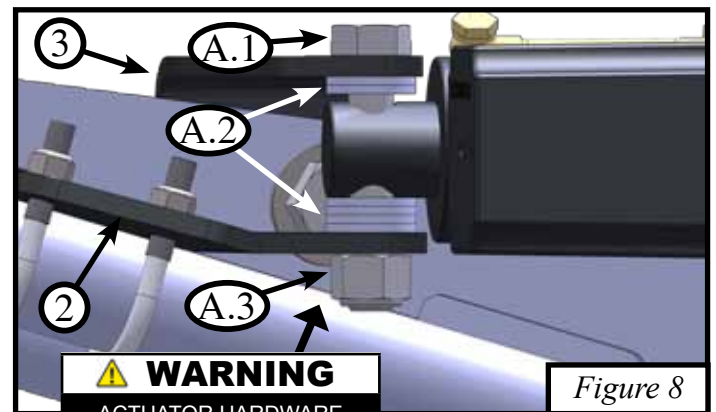
6. Loosely place bolt (A.1) into position and align through the two holes. Tighten all U-bolt nuts down evenly as shown in Figure 6. Once tightened, remove bolt (A.1)

7. Place front inner bracket (4) under the front cradle bracket (1), securing in place with bolts (5.8) and nuts (5.2) as shown in Figures 1 and 7. Do not tighten completely!

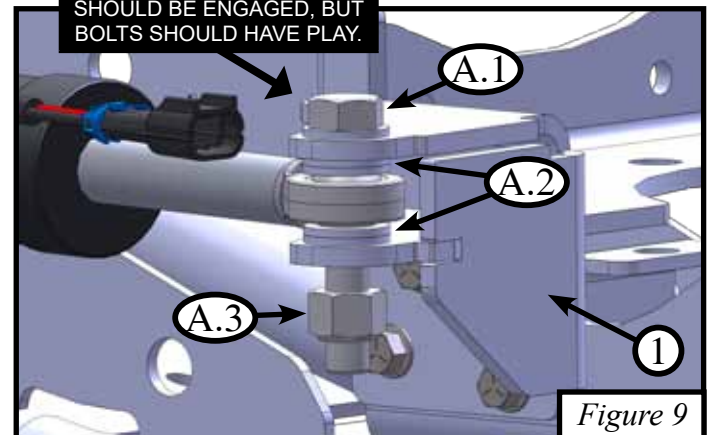


8. Line up front cradle bracket (1 & 4) with holes in rear of cradle. Place six bolts (5.1) and six nuts (5.2) through holes as shown in Figure 7. Tighten down all hardware from step 7 and 8 evenly.

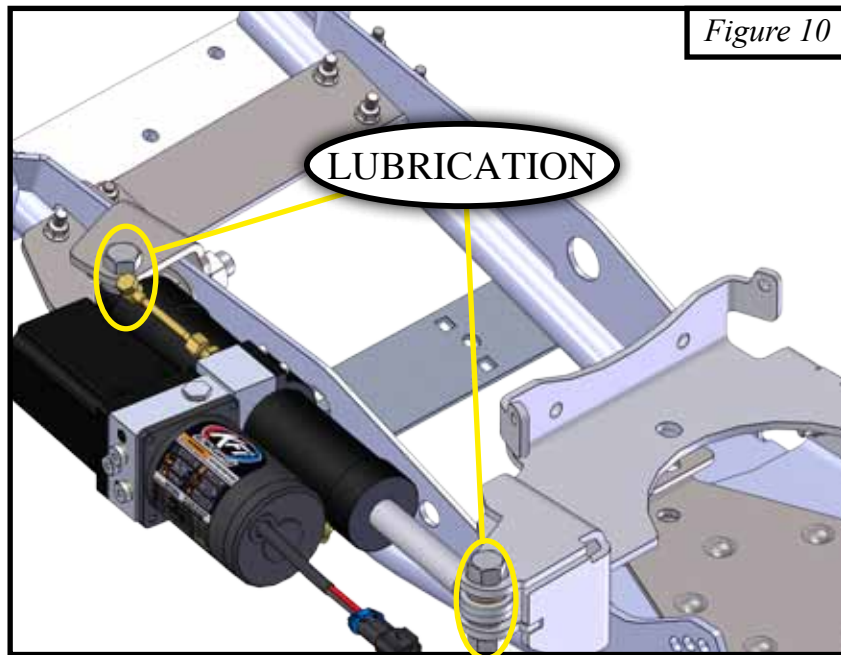
9. Place bolt (A.1) through upper bracket (3), two flat washers (A.2), Hydraulic Actuator (ACT203), four flat washers (A.2), and lower bracket (2). Place nylock nut (A.3) onto bolt (A.1) as shown in Figure 8. **Tighten until the nylock is engaged, but the bolt still spins freely.**



10. Place bolt (A.1) through flat washer (A.2), top of front cradle bracket (1), two flat washers (A.2), Hydraulic Actuator (ACT203), two flat washers (A.2), and the bottom of front bracket (1). Place nylock nut (A.3) onto bolt (A.1) as shown in Figure 8. **Tighten until the nylock is engaged, but the bolt still spins freely.**



11. Apply lubricant to the front and rear pivot points on the Hydraulic Actuator as needed. See *Figure 10*.



12. When all the brackets are installed, move the springs to the bent flange with a hole on top of the front cradle bracket (1). Repeat with other spring. Shown in *Figure 11*.

