

8052

Billet Trunk Hinge Kit Installation Instructions

Installations Steps:

1. Remove deck lid:
 - a. Place painters tape and or shop towels on any surfaces to protect them from the following steps.
2. Remove torque rods. We recommend wearing safety glasses and gloves during the following steps, the torque rods are under high tension:
 - a. Using a $\frac{1}{4}$ " x 5 $\frac{1}{2}$ " rod on the end of the torque rod pull back slowly to release tension to the next hook.
 - b. Alternating from side to side do this until the rods are removed.
3. Remove hinges.
 - a. To remove the existing hinges the hinge pin shown in Figure 1 will need to be removed. Cutting and or drilling this stud will work. This same hole will be used to bolt your new hinge, try to keep the original shape.



Figure 1: Remove stud

4. Marking for gas struts:
 - a. Referencing Figure 2, measure and mark $\frac{3}{4}$ " from the back edge. This mark will be used to verify the ball stud location. A small flat area may need to be ground for ball stud to sit flat.



Figure 2: Ball stud hole

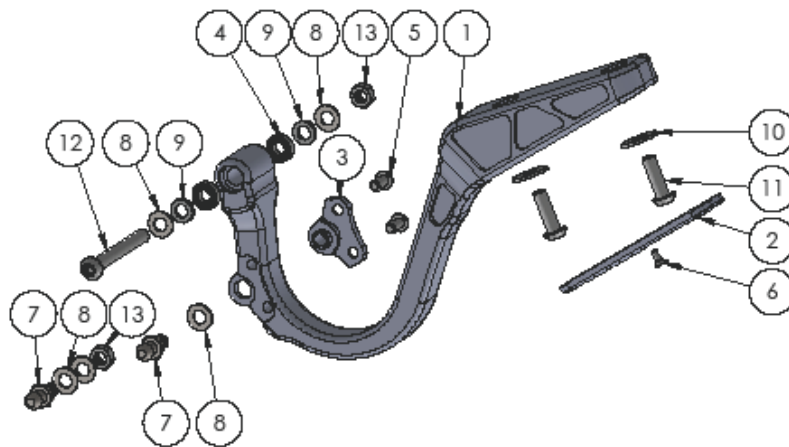
5. Install new hinge:
 - a. Verify that the gas struts are attached to the ball studs and on opposite sides.
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- b. Bolt hinges on using the hole from step 3 (Figure 1) and (2) 5/16-18 x 2 3/4" bolts as shown in Figure 3. With the strut on the hinge hold it up to your mark and move the hinge in its full range of motion. Verify that no collision will occur.

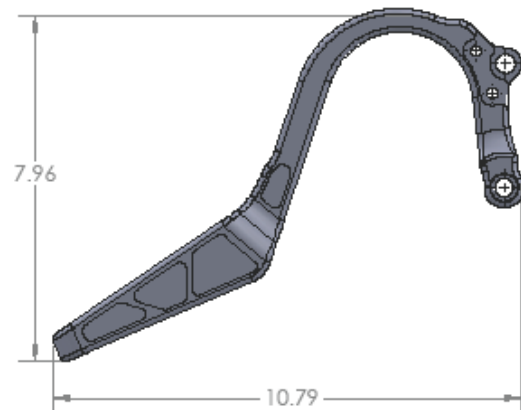
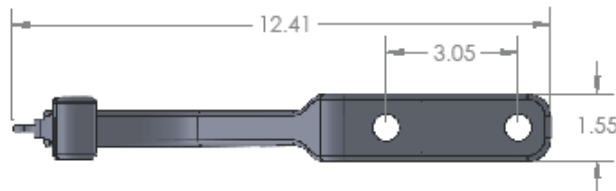


Figure 3: Assembling hinges

- If needed adjust your mark to avoid any collision between the strut and the sheet metal. Drill your mark with a clearance hole (5/16") for the ball stud.
- Bolt your ball stud in place and assemble the remaining side of the strut.
- With steps (1-7) complete for both sides you can bolt and align your deck lid. It may take several attempts to align the deck lid correctly. During each adjustment close the lid slowly to avoid damaging paint.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	8052-001-U	TRUNK ARM	1
2	8032-002-U	CAP	1
3	8181-004-U	BALL STUD MOUNT	1
ASSEMBLY HARDWARE (PER HINGE)			
4	7804K117-MC	8MM S/S BEARING	2
5	91306A375-MC	1/4-20 X 1/2 BHCS ZN	2
6	92210A146-MC	6-32 X 3/8 FHCS S/S 18-8	1
HARDWARE KIT (PER SET)			
7	BALL STUD	10mm BALL STUD	4
8	91090A110-MC	0.328 ID X 0.625 OD ZN	10
9	92150A128-MC	5/16 NYLON WASHER .084-.104 THICK	4
10	94744A249-MC	.344 ID X .875 OD ZN	4
11	91306A391-MC	5/16-18 X 1 BHCS ZN	4
12	92949A857-MC	5/16-18 X 2 3/4 S/S BHCS	2
13	94945A213-MC	5/16-18 THIN LCK NUT	4
14	GAS STRUT	100 LB	2



NOTES:

IT'S RECOMMENDED TO TEMPORARILY GLUE THE NYLON WASHERS TO THE BEARINGS USING A SMALL DROP OF SUPER GLUE TO AID IN THE INSTALLATION PROCESS.

		RINGBROTHERS®	
8052-000-U		70-72 CHEVELLE TRUNK	
DRAWN BY: J. B. BROWN CHECKED BY: J. B. BROWN DATE: 10/1/00		DATE: 10/1/00 SCALE: 1:1 SHEET: 1 OF 1	
APPROVED BY: J. B. BROWN DATE: 10/1/00		APPROVED BY: J. B. BROWN DATE: 10/1/00	