112-320 Center Damper

Build Guide

(25.03.09.01)

WARNING! **DO NOT** leave this kit, assembled or unassembled, in a hot motor vehicle or any other high temperature environment. This kit is 3D printed and high temperatures will harm or destroy the components.

CONTENTS:

PARTS

- ☐ 112-321 Bolt
- ☐ 112-322 Chamber
- ☐ 112-323 Load
- ☐ 112-325 Trigger

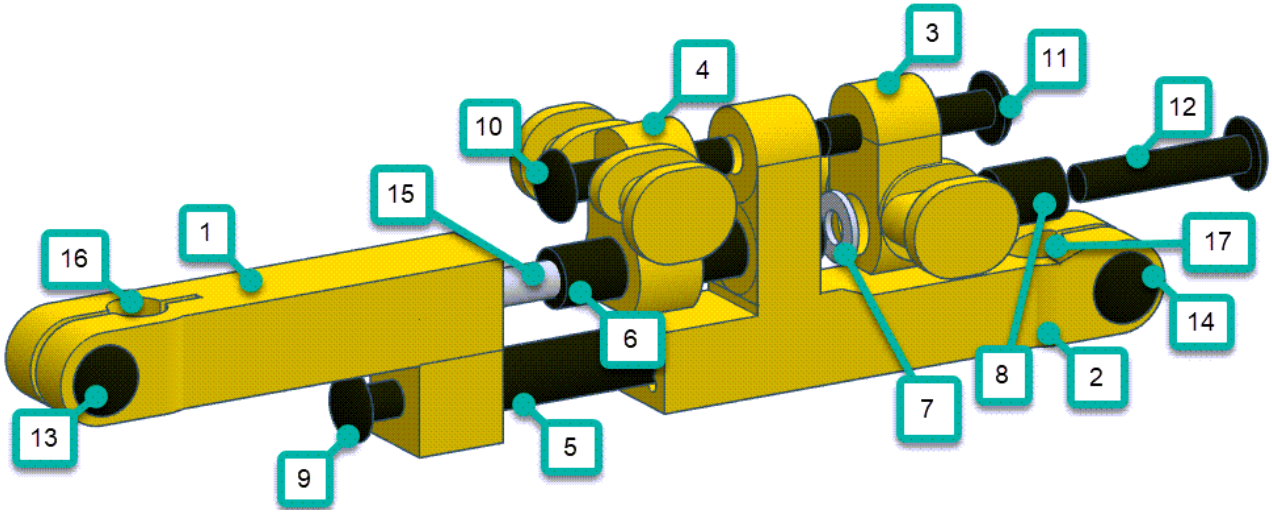
HARDWARE

- ☐ M3x10 BH (2)
- ☐ M3x12 BH (2)
- ☐ M3x16 BH (2)
- ☐ M3x16 SS (1)
- ☐ M3 FW (1)
- ☐ M3x5x6 TSO (1)
- ☐ M3x5x25 TSO (2)
- ☐ M3x5.5 TB (2)
- ☐ 1.5 ZeroRings (4)

HARDWARE KEY

BH = Button Head Screw
FW = Flat Washer
SS = Set Screw
TSO = Threaded Standoff
TB = Threaded Ball

ASSEMBLY:



PARTS:

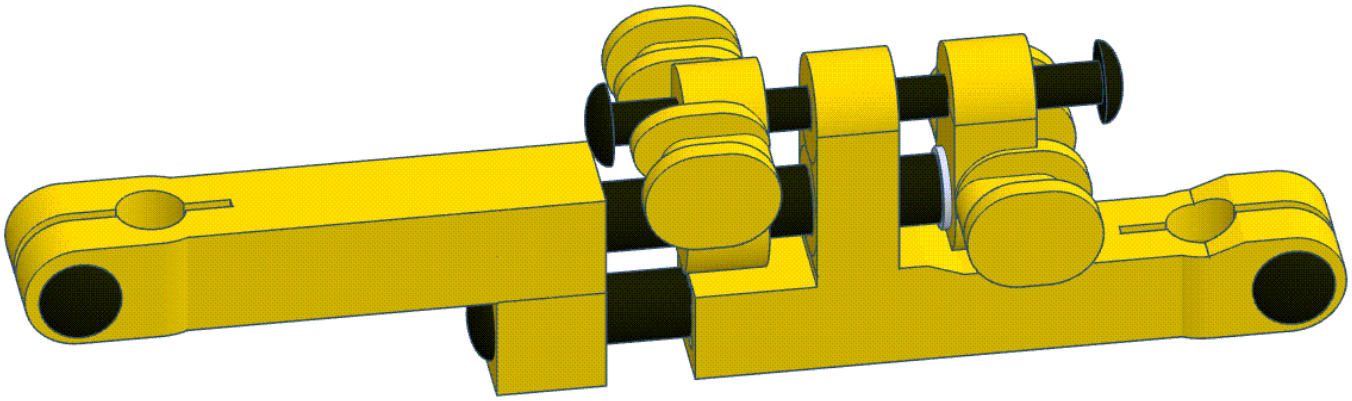
1) Bolt
2) Chamber
3) Trigger
4) Load
5) M3x5x25 TSO
6) M3x5x25 TSO
7) M3 FW
8) M3x5x6 TSO
9) M3x16 BH
10) M3x12 BH
11) M3x16 BH
12) M3x12 BH
13) M3x10 BH
14) M3x10 BH
15) M3x16 SS
16) M3x5.5 TB (not shown)
17) M3x5.5 TB (not shown)
18) ZeroRing Set (not shown)

ASSEMBLY STEPS

STEP	PARTS	ACTION
1	15-1	screw SS into BOLT leaving 8 to 10 mm sticking out
2	6	Screw TSO on to SS and tighten using shock shaft pliers
3	9-1-5	use shock shaft pliers to hold TSO and tighten BH
4	10-4	screw BH through LOAD with 2 mm of the tip out
5	11-3	screw BH through LOAD with 2 mm of the tip out
6	4-6	slide LOAD over TSO

7a	2	Add damping grease or silicone of your choice to the inside of the CHAMBER.
7b		slide CHAMBER over TSOs 5 & 6
8	12-8	Screw BH through TSO (8)
9	12-8	Tighten the TSO (8) on to the BH (12) Make sure it is good and snug (tight)
10a	(12-8)-3-7-6	Slide the 12-8 combo into TRIGGER
10b		Slide washer onto BH (12) threads
10c		Screw BH (12) into TSO (6) and tighten
11a	16-1-13	Push TB into BOLT.
11b		Screw BH (#13) into BOLT end
12a	17-2-14	Push TB into CHAMBER.
12b		Screw BH (#14) into CHAMBER end

ADJUSTING the Damper:

1) Use BH #11 to adjust/limit the pod “sag”. This is known as “*safety*” and is the equivalent to screwing the ball cup on or off the end of a conventional shock shaft to lengthen or shorten the shock extension.

2) Use BH #10 to adjust the “anti-sag” or tension. This is known as “*pack*” and is equivalent to adjusting a conventional shock spring collar.