



112-320 Center Damper Kit

Build Guide

(25.05.21.01)

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

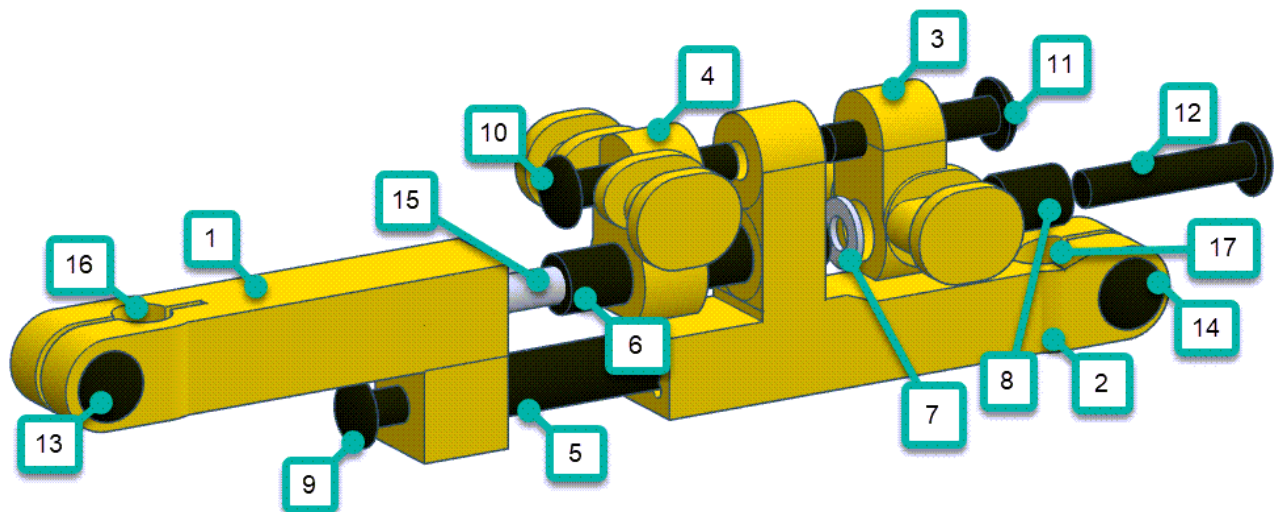
HARDWARE

- ☐ M3x10 BH (2)
- ☐ M3x12 BH (2)
- ☐ M3x16 BH (2)
- ☐ M3x16 SS (1)
- ☐ M3x.5 FW (1)
- ☐ M3x5x6 TSO (1)
- ☐ M3x5x25 TSO (2)
- ☐ M3x5.5 TB (2)
- ☐ 1.5 Zer0-Rings (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) M3x.5 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) Zer0-Ring 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.

