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MÜLLER MOTORCYCLE AG

part nr 130-40 / 1304-0966

# Installation Manual

## Lowering Kit Type MP2

For Harley-Davidson® Milwaukee-Eight Softail® Models ab 2018 and up

**An assembly video can be found at**
videos.m-motorcycle.de/einbauanleitungen/130-40-en.mp4

**Fits following models:**

| | |
|---|---|
| FXBB | Street Bob® |
| FLSL | Slim® |
| FXLR | Low Rider® |

**Conversion kit MP2 – Art.-Nr. 130-40/1304-066** includes a lowering eye with bearing, thread adapter, a spring washer, spring compressor and a spacer.

**Special tools needed for mounting:**
Spring compressor
(we recommend the Müller spring compression tool, Part. -Nr.: 130-0)



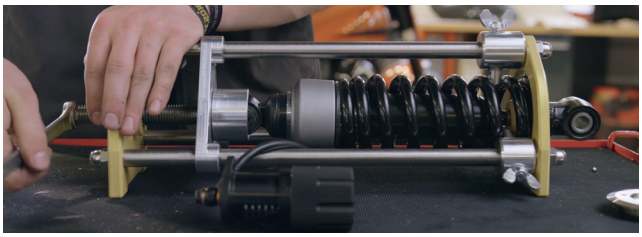
**Caution:** The installation should be carried out by qualified personnel or a certified workshop to ensure driving safety!

**Installation Manual:**
1. Make sure your bike has a safe stand by using a hydraulic ramp and an appropriate motorcycle jack.



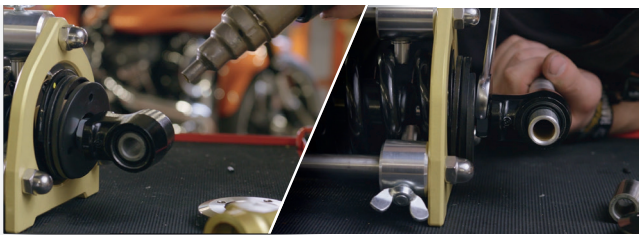
2. Demount your strut assembly from your bike. Undo all necessary screws, bolts and clamps.

3. Fasten your strut in the Compression tool and make sure it is properly fitted in the tool.



4. Preload the damper as far as you reach the hexagon nut of the strut eye.

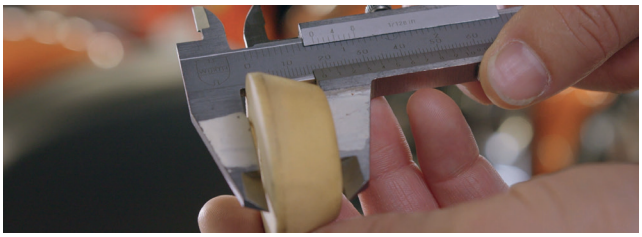
5. Heat up the strut eye with a heat gun and loosen the counter nut.



6. Remove all original parts.



7. Shorten the rubber stop by approx. 7-8 mm.

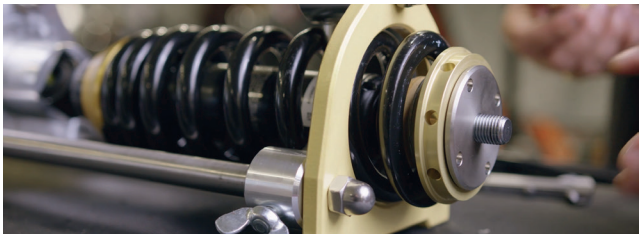


8. Put the rubber stop back on the damper rod.



**!!! Attention, now we get to the actual height adjustment !!!!**

9. Screw the spring compressor (Pos. 4) onto the spring washer (Pos. 3) with the notch pointing towards the spring.

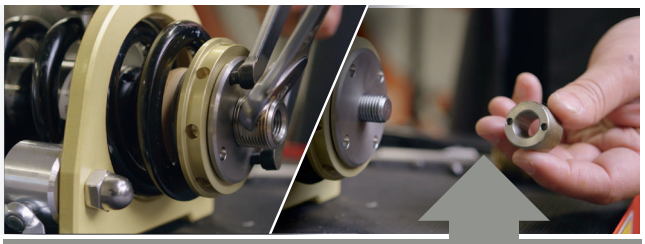


10. The height of the bike will be adjusted with the spring washer (Pos. 3). For a maximum lowering of 35mm you must rotate the spring washer (Pos.3) onto the damper rod all the way to the stop and then 1 complete rotation backwards.

(for show purposes only, you can lower the bike by 40mm, rotating the spring washer (Pos.3) all the way onto the damper rod)

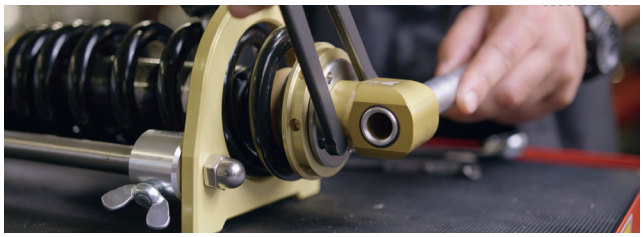
Note: If you don´t want it all the way lowered by 35mm, following rule applies: With every complete turn of the spring washer (Pos. 3) backwards, the tail comes up by 3mm. That is how you achieve your personal desired level of lowering

11. As soon as you have your desired level of lowering, counter secure the thread adapter (Pos. 5) with the spring washer (Pos. 3). Max. torque for tightening is 25 Nm!



Make sure the two drillings on the front side do point towards the spring washer.

12. thereafter you screw on the new lowering eye and counter secure it with the spring washer (Pos. 3). Max. torque for tightening is 25 Nm!



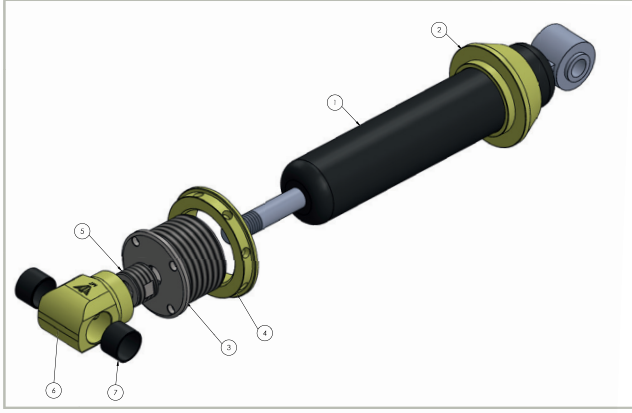
13. Use a C-spanner for adjusting the chassis curing (Bild bei 3.49 min.) and preload the spring with a spring compressor (Pos. 4). The chassis curing can be re-adjusted any time.

14. For easier assembly of the strut you have to align the drillings with the drillings of the lowering eye.

15. Now you can take out the strut of the compression tool and fix it into your bike. Fasten it with all requires screws.

!! Caution: we recommend checking the height of your chassis before reassembling all bolts and clamps. If you don´t like the actual height, remove the strut again and adjust the desired height with the spring washer. If the height is ok you may tighten up everything as needed.

**The Müller Motorcycle AG crew wishes you lots of fun with your new lowering kit and always a pleasant ride!**




| POS | ITEM NUMBER | DESCRIPTION | QUANTITY |
|---|---|---|---|
| 1 | | FXBB org. Dämpfer | 1 |
| 2 | A01741 | Distanz | 1 |
| 3 | A01740 | Federscheibe | 1 |
| 4 | A01739 | Federspanner | 1 |
| 5 | A01738 | Gewindeadapter | 1 |
| 6 | A01736 | Tieferlegerauge 2018 | 1 |
| 7 | D0204 | Gleitlager | 2 |