



JHM “solid” short throw shifter 2008 – up (B8) Audi A4/S4/A5/S5/Q5

Contents of package

1. Assembled shifter with soft (plain) pushdown reverse spring pre-installed (this is an update from the installation video.)
2. 1 Medium (silver) and 1 Stiff (gold) spring for pushdown reverse adjustability if so desired.
3. 1 cup of synthetic grease.
4. 1 hose clamp to replace factory one-time use clamp that secures shift knob.
5. 2 biscuits to interlock the factory shifter base and JHM shifter.
6. 1 hose clamp to go around shifter base and fasten biscuits.
7. 1 zip tie to seal upper dust boot to shifter shaft
8. Download the video instructions for your shifter at <http://www.jhmotorsports.com/videos/> NOTE: In the video we stated that the default pushdown reverse spring was the medium (silver) spring, however we changed this due to customer feedback and your shifter will have the soft (plain) spring installed by default.

Tools Recommended and Required

1. 3/8” drive ratchet
2. 3/8” drive extension (at least 10” or combine multiple extensions if needed)
3. 3/8” drive T45 torx socket (for the linkage stabilizer rod and main linkage rod connections)
4. 3/8” drive 10mm socket (for the nuts that hold the shifter surround in place and disassemble the stock shifter)
5. 3/8” drive 8mm socket (for the bolts that hold the ash tray in place)
6. 10mm open end wrench (to disassemble the stock shifter)
7. 3/8” open end wrench (to assemble the JHM shifter into the OEM base)
8. 1/8” allen key or bit (to assemble the JHM shifter into the OEM base)
9. Small and medium flat blade screwdrivers (to tighten clamps and loosen boot clips and may aid in removing stock knob clamp)
10. Side cutters or snips (may help with removing the stock knob clamp and is used to cut the supplied zip tie to size)
11. Measuring tape (used to help center the JHM shifter based on the measurement of the stock shifter)
12. 90 degree pic (helps with removing the factory knob clamp)
13. 3/8” drive universal joint (recommended to help give you clearance from the dash)
14. Mallet (recommended if needed to fully seat JHM shifter in the base)
15. 1/4” drive ratchet (recommended)
16. 1/4” drive extension (recommended)
17. 1/4” drive 7mm socket (recommended to tighten the clamp that holds the biscuits in place, a screwdriver could be used)
18. 1/4” drive 1/4” socket (recommended to tighten the clamp that holds the knob in place, a screwdriver could be used)
19. Angle finder (recommended to help align shifter, if you don’t trust your judgement on adjusting by feel, these are available in our online store as well)

General Installation Notes

1. It is recommended to watch the video at least once prior to doing the installation. This will help you dramatically with the install time.
2. We highly recommend covering your center console surround with masking tape or blue painters tape so when you remove the center console you don’t accidentally scratch the surround. Rags can help with this as well, but may move out of the way and defeat their purpose.
3. Make sure that the aluminum bearing assembly is fully seated into the plastic base before installing the biscuits. Use some tapping with a hammer if needed.
4. Make sure you use plenty of grease on the bearing and the reverse catch on the steel shaft.
5. If you don’t like the stiffness of the spring we supply with the shifter (soft) for the reverse lockout we include a silver (medium) and a gold (stiff) spring free of charge for you to tailor it to your liking. At the end of the installation video we cover how to replace this.
6. You can install the shifter with either of 2 reduction settings. About 35% (bottom holes) –it comes shipped this way and about 20% (top holes). The 20% is for those that don’t enjoy the increased feel from a shorter throw and just want a more rigid feeling shifter that has a throw closer to stock.

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