

42 Draft Designs

Audi TT 3.2 Engine Cover Hardware Kit – Installation Instructions

Tools Recommended:

Phillips & Flat Head Screwdriver Assortment
4mm Allen Wrench
1/8" Drill Bit & Drill
Pop-Rivet Gun

Kit Contents:

6 Thin Washers
4 Medium Washers
6 Front Fascia Brackets
6 M16 x 16mm Flat Head Bolts
4 M16 x 25mm Flat Head Bolts
14 1/8" Rivets (2 Extra)

Before You Begin!

Removing the stock engine cover hardware can be a pain. Anything with a Phillips head screw will probably be way too tight and want to strip. The front fascia fasteners will most likely come apart and a few pieces will get lost. Don't worry about destroying the stock hardware – you'll never need it again.

1. Start by removing the single coolant bottle cover fastener with a medium – large Phillips head screwdriver. Using the same screwdriver, remove the three fasteners on the battery cover. Remove both covers in order to remove the front fascia.
2. To remove the front fascia six tricky fasteners must be released from left to right. To remove these fasteners, use a slim screwdriver to poke the center. Push the center dowel down about 1/4". Once this dowel is pushed in, the fastener may be pulled out using pliers or your fingers. With all six fasteners removed, pull the left cover off first, sliding it out of the connection at the hood release. Remove the right cover by pulling it off the core support.
3. Locate the six holes in the core support where the OEM plastic fasteners attach. Grab one of the six front fascia brackets and visually line it up with each hole. These brackets will be riveted to the back of the core support and once attached will act as a M6 'nut' for the six front fascia bolts. In order to rivet these brackets in place, two small holes must be drilled per bracket.
4. First, mock up each bracket individually from the back of the hole. The bracket will be installed at a different angle at each hole based on obvious clearances. Once you've figured out the angle at each hole, hold the bracket up to the hole on the front of the core support. Center the M6 threaded hole with the hole in the core support, line the bracket up at the correct angle and mark the holes. You can mark the holes using a paint pen, scratch-all or a thin nail. Do this for all 6 holes being sure to double check the clearances underneath the hole.
5. Once all 12 holes are marked, drill using a 1/8" drill bit and cordless drill. Be sure to check behind the core support at every hole for wires or other obstructions. There are a few wires, cables, and hoses behind the core support so don't go wild!
6. With all holes drilled it's time to rivet the brackets in place. Start by holding the bracket in place behind the core support and inserting the rivets from the front. Using your pop rivet gun, fasten one rivet at a time while using your fingers to squeeze the bracket against the core support. Once both rivets are fastened the bracket will be solid. Fasten the remaining five brackets.
7. Install the front fascia from right to left using six thin washers and six M6 x 16mm flat head cap screws. Install all screws and washers loose and do a final tighten while aligning the fascia covers.
8. Install the coolant bottle cover and battery cover using 4 medium washers and 4 M6 x 25mm flat head cap screws.

On track day, all you need to remove the engine covers is a 4mm Allen wrench!

Replacement Hardware

While we will certainly warranty any defect in manufacturing, lost or damaged hardware is the responsibility of the customer. To make things easy we've laid out pricing on each individual item included in the kit. If you've lost or damaged any part of your hardware kit, look over the list below and email us at sales@42draftdesigns.com to place an order.

Thin Washers - \$4.00 per washer
Medium Washers - \$4.00 per washer
Front Fascia Brackets - \$3.00 per bracket
M16 x 16mm Flat Head Bolts - \$1.50 per bolt
M16 x 25mm Flat Head Bolts - \$1.50 per bolt
1/8" Rivets - \$.25 per rivet