



OUTBACK MOTORCYCLES

BMW R 12 G/S

ASSEMBLY GUIDE | HEADLIGHT GUARD

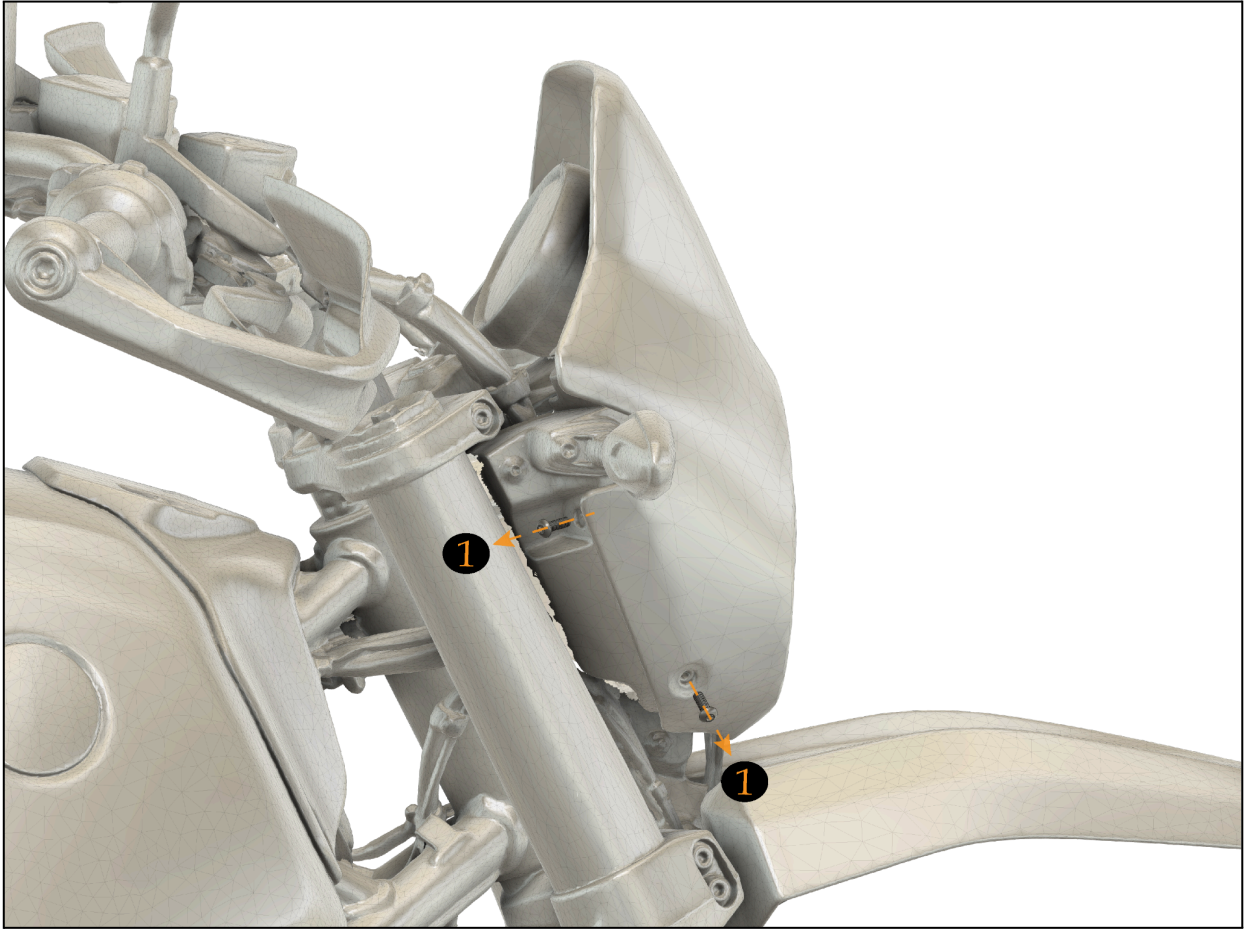
Tools Required

- Ratchet + Extension
- T25 Torx Socket
- 5mm Allen Socket
- Blue Loctite (recommended)

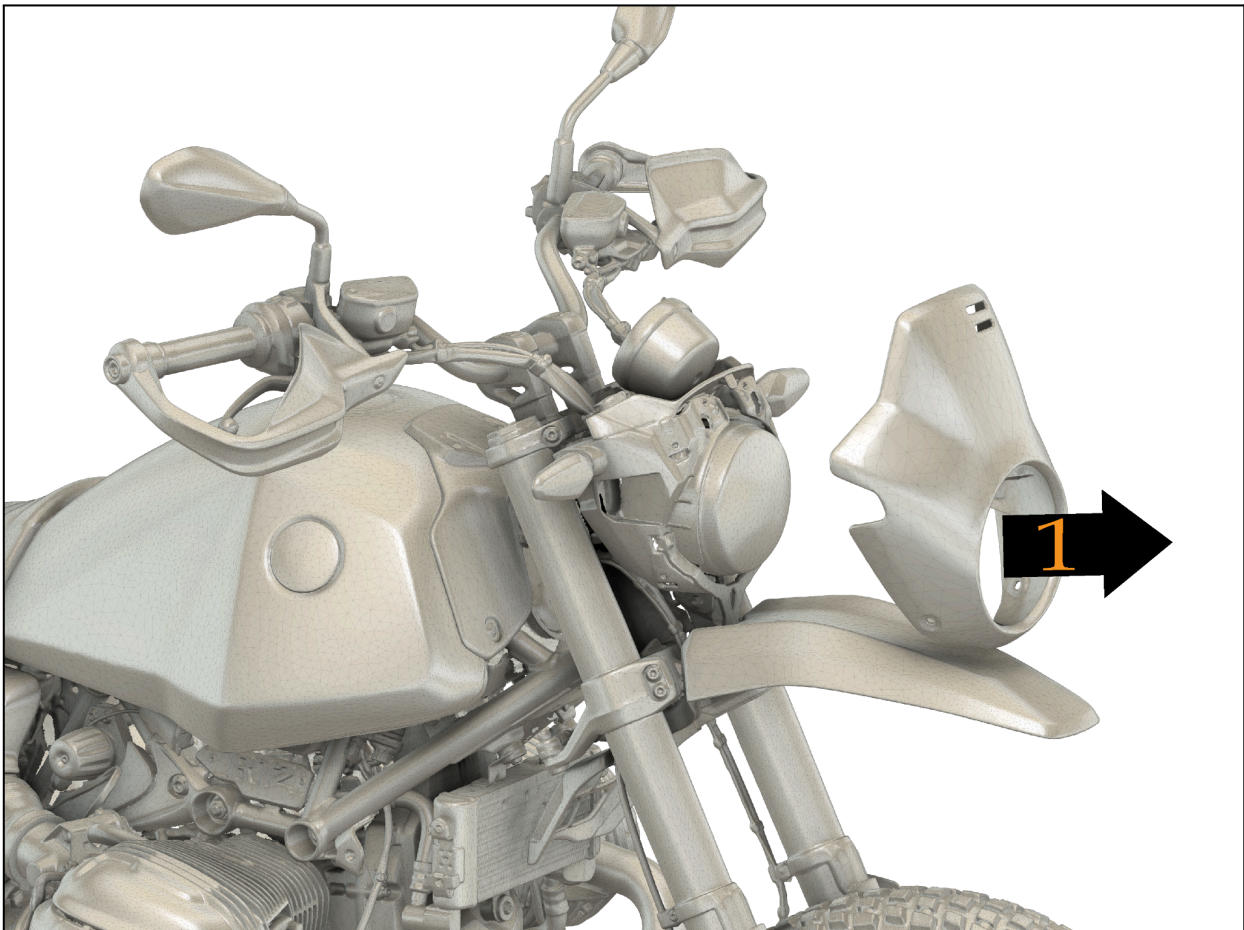
Number	QTY	Specifications	Torque (NM)
<u>1</u>	6	OEM T25 Bolt	*
<u>2</u>	2	M5 x 16mm Allen Head	*
<u>3</u>	2	M5 x12mm Allen Head	*
<u>4</u>	2	M5 x20mm Allen Head	*
<u>5</u>	6	M5 Washer	-
<u>6</u>	2	4mm Spacer	-

* PLEASE REFER TO THE OWNER'S (OR SERVICE) MANUAL FOR OEM TORQUE SPECIFICATIONS.*

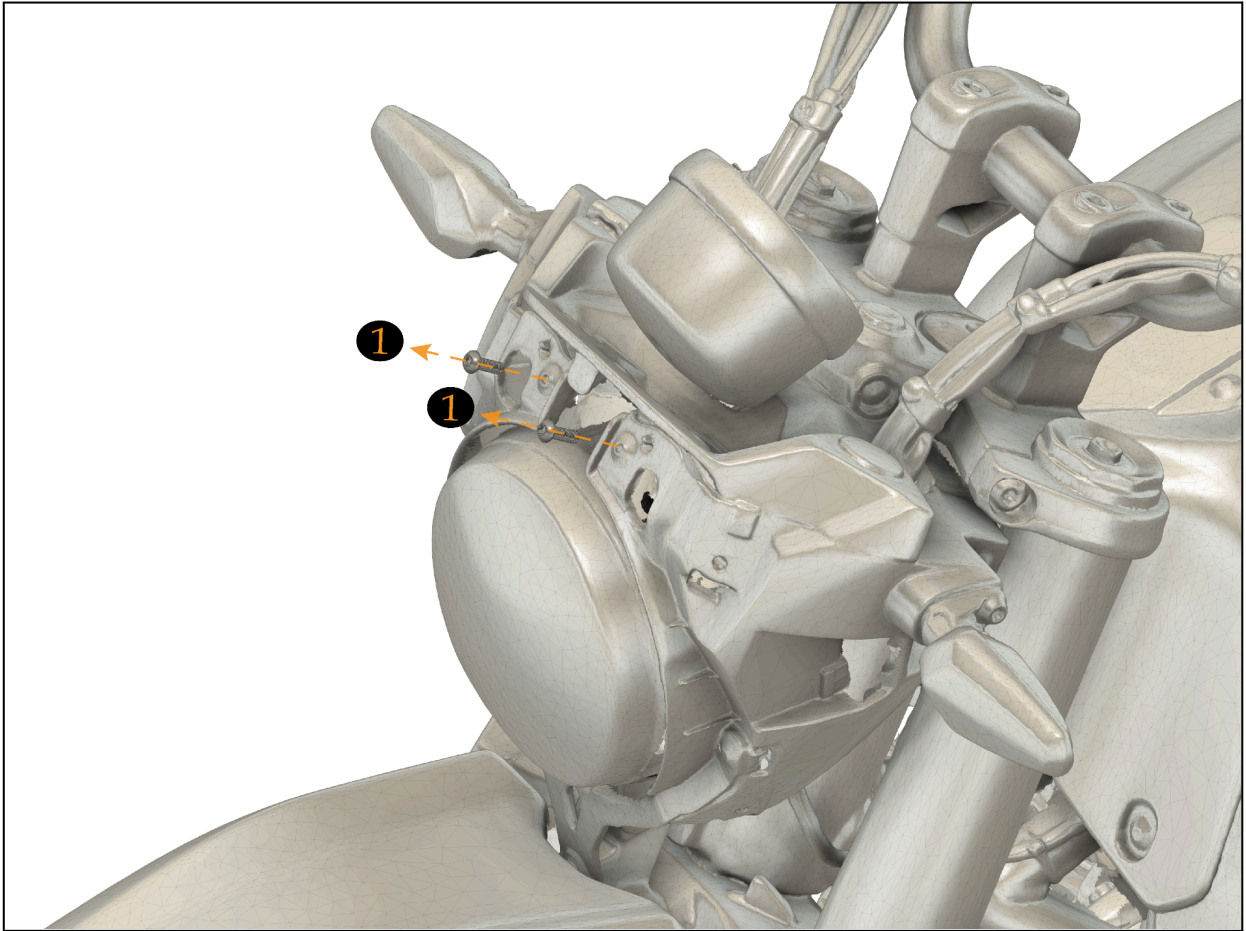
STEP 1 (Remove OEM Hardware - T25) :



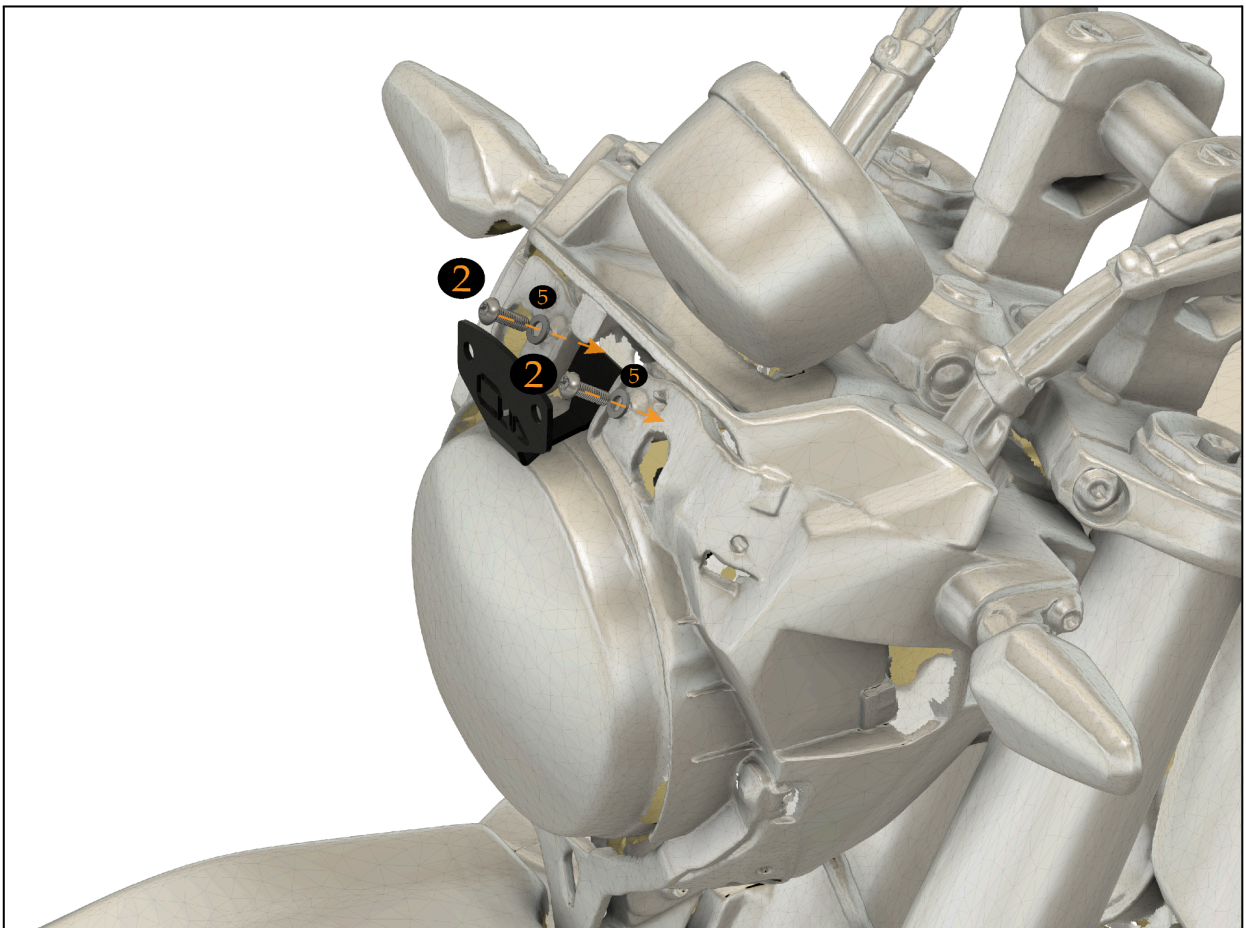
STEP 2 (Install 34.5mm Spacer + M8 x 60mm Bolt):



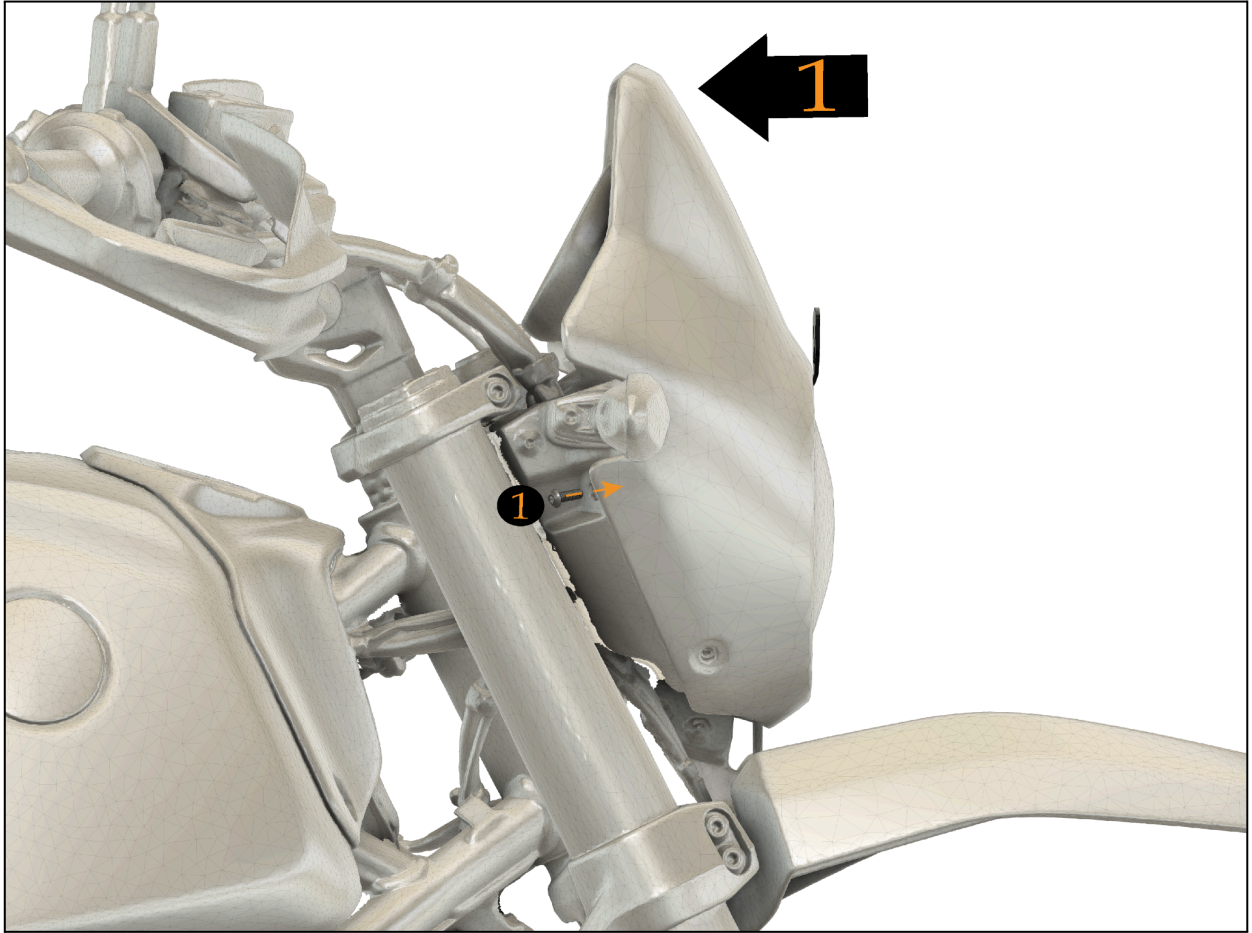
STEP 3 (Remove T25 Bolts):



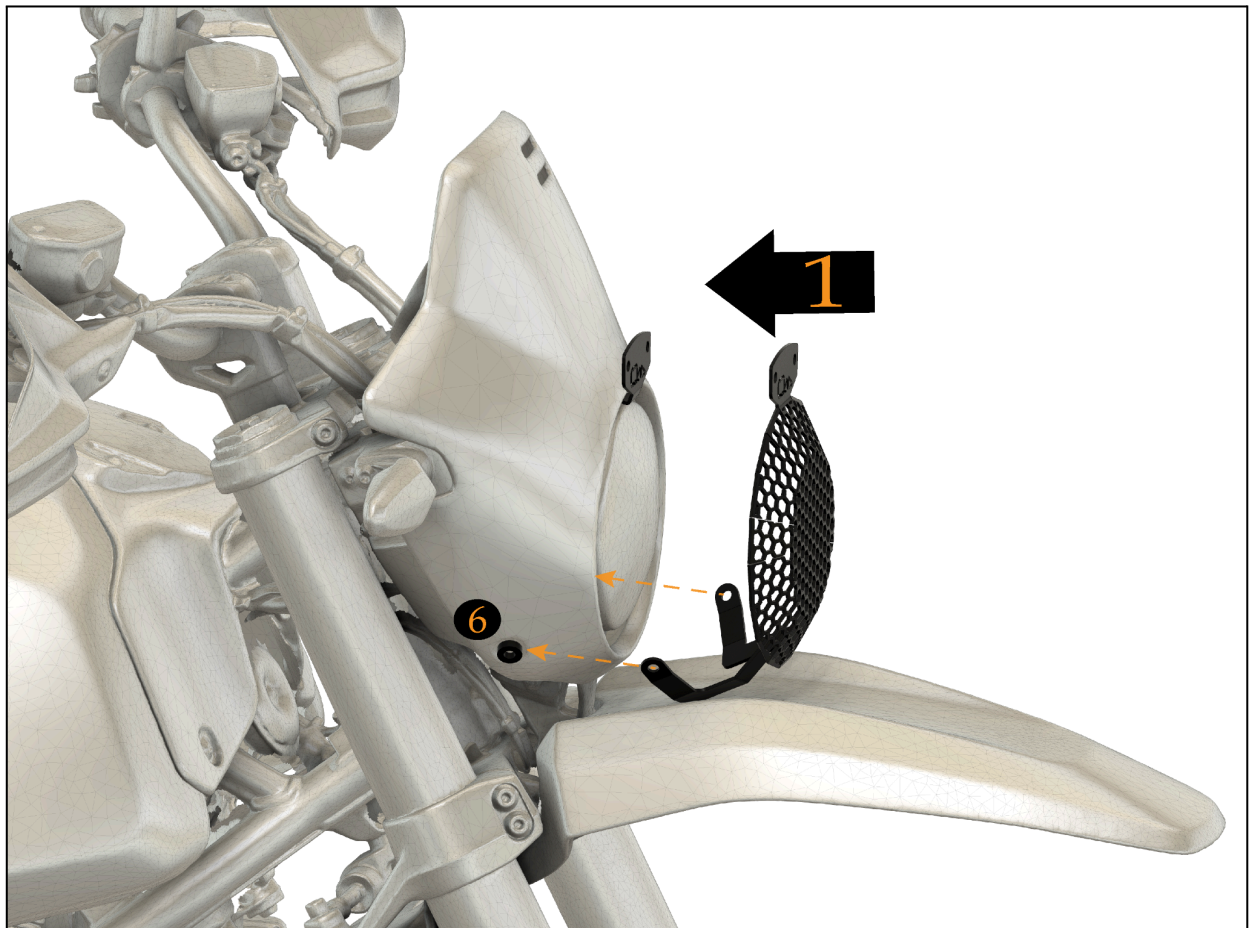
STEP 4 (Install Inner Bracket):



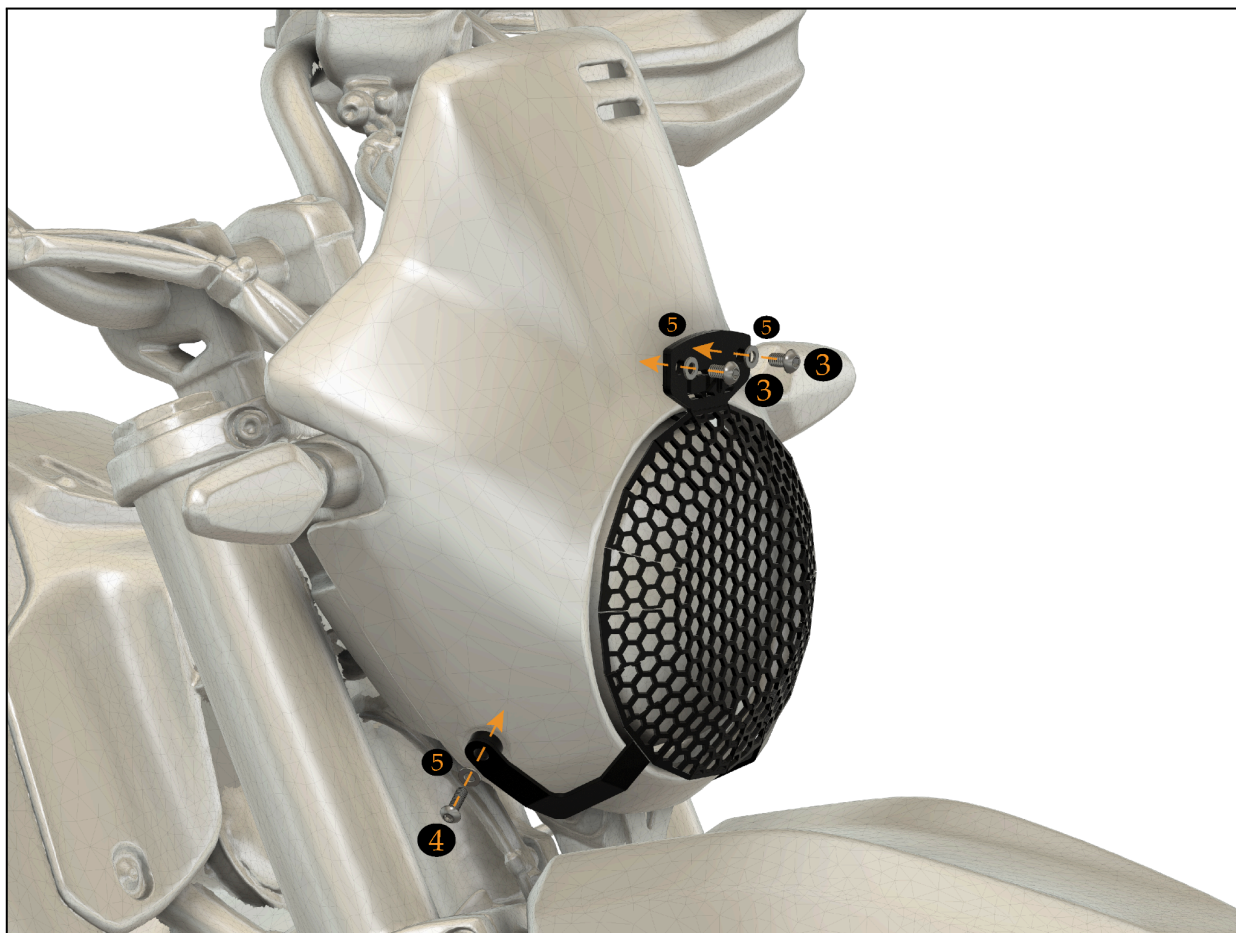
STEP 5 (Partially Re-Install Windshield):



STEP 6 (Install Guard):



STEP 7 (Install Guard Hardware):



*** Torque Disclaimer ***

Torque specs provided by Outback Motortek are for guidance only and may reference OEM data. Incorrect torque application from miscalibrated or improperly stored torque wrenches (which can drift by up to 20% within 12 months) may cause broken studs or mounting failures. Always return torque wrenches to 0 ft-lbs when storing, and use blue Loctite (medium strength) on all fasteners to help prevent loosening. Outback Motortek is not responsible for damage or failures caused by mis-torquing or improper installation.