

AvantGuard R12 R/RS_LC

MaMo Light Bar Installation Guide

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Parts:

- 1 - Left Light Bar
- 1 - Right Light Bar
- 2 - M8 x 35 Hex Screws
- 2- M8 X 45 Hex Screws (for crash bars)
- 2 - Nuts
- 4 - Washers

Tools Required:

- T40 Torx Driver
(if OEM light bracket is mounted)
- 6mm Hex
- 13mm wrench or socket with driver
- 10mm wrench
- 5mm Hex or T30 wrench

*** BEFORE BEGINNING WORK, READ THESE INSTRUCTIONS FROM START TO FINISH.**

*** PLACE BIKE ON CENTER STAND ON LEVEL GROUND.**



1 To mount AvantGuard Light Bars, first determine correct orientation of parts. The left side Light Bar must be fitted to the left side of the bike and vice versa.



2 Position a Light Bar against the frame mounting flange. Insert an M8 screw with washer & secure with a washer and nut behind the frame flange. **(LEFT SIDE SHOWN)**



3 After Light Bars are secure, mount lights using existing hardware. Be sure to align the lights correctly and re-check tightness.

INSTALLATION with BMW OEM Crash Bars

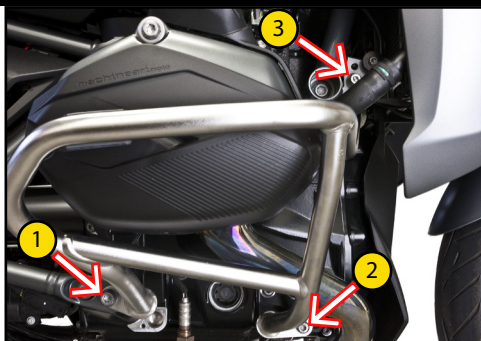
*** T50 TORX DRIVER REQUIRED FOR CRASH BAR INSTALLATION.**

*** NUTS INCLUDED WITH LIGHT BARS WILL NOT BE USED WHEN MOUNTED IN CONJUNCTION WITH CRASH BARS.**

*** WHEN USING OEM CRASH BARS, REPLACE TOP MOUNTING SCREW (3) WITH M8 x 45mm HEX SCREW.**

Torque Specs

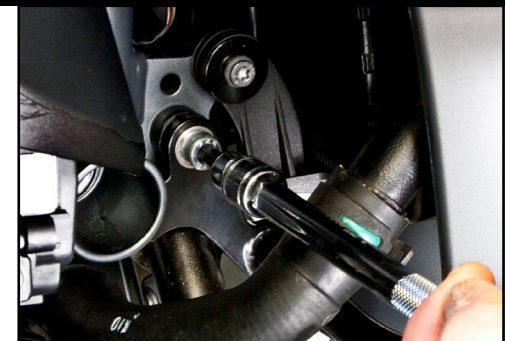
- 1** M10 x 45 - 55Nm
- 2** M8 x 35 - 19Nm
- 3** M8 x 45 - 19Nm



1 To mount AvantGuard Light Bars with OEM crash bars, loosen bottom two mounting screws (1 & 2) and remove top screw (3) entirely. **(RIGHT SIDE SHOWN)**



2 Carefully align crash bar mounting hole with Light Bar mounting hole so that the screw can be started by hand to avoid cross-threading. Screw into welded nut on crash bar flange.



3 Once light bar is in position, tighten all crash bar mounting screws. Mount light fixture as shown above.

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