Supplemental Information
for
413-010 or BHH1351 Engine Mount, R/H
413-020 or BHH1352 Engine Mount, L/H
MGA, MGB -74

We bought engine mounts for this application from 8 different suppliers. We found some that just plain did not fit. In testing the studs, we found that mounts from 7 of the 8 sources failed between 12-17 lbs-ft. We will not carry mounts from those suppliers. The mounts from the 8th vendor we tried, Quinton Hazell in the UK, fared better.

Unfortunately none of the MG workshop manuals list a torque specification for these fasteners, so we turned to the TR6 workshop manual to determine a realistic expectation for the fasteners in this application. We assumed that MG and TR mechanics would use equal force when working with similar fasteners, in this case, 5/16 inch fine thread. From page 06.1 of the Triumph TR6 manual:

Alternator mounting bracket to cylinder block	*16-22 lb-ft.*
Distributor to pedestal	*15-20 lb-ft.*
Rocker Oil Feed Plug	*15-20 lb-ft.*

The list is much longer, and it was clear that the majority of non-specialized 5/16” UNF fasteners have a specified torque of 15-22 lb-ft. Next we looked at the Dorman specification sheets for fasteners. The standard dry torque specification for a Grade 5 fastener is 19 lb-ft.

Many of us don’t use a torque wrench to tighten a nut or bolt; we tighten the fastener down until it is tight, then check it with a torque wrench. A 3/8” standard length ratchet was used to tighten a new 5/16” nut down onto a washer stack which replicated the engine mounting plate and a single washer. Several people tightened the nut to what was felt to be a reasonable torque for an engine mount. We then checked to see what that value was with the torque wrench. This was determined to be approximately 19-20 lb-ft. Based on all this, we have adopted 19-22 lbs-ft as the appropriate torque for the motor mounts.

Torque the nuts to 19-22 lbs-ft

*Although every effort has been made to ensure the accuracy and clarity of this information, errors and/or omissions on our part are almost inevitable. Any suggestions that you may have that will improve the information (especially detailed installation notes) are welcome. Please use the simple email form on the **“Contact Us”** page on the Moss website: http://www.mossmotors.com/AboutMoss/ContactUs.aspx*
If you prefer, you may call our Technical Services Department at 805-681-3411. So many people call us for help that we are often not able to answer the calls as fast as we’d like, and you may be asked to leave a message. We apologize in advance for the inconvenience. We will get back to you within 2 business days.

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