

TECHNICAL SERVICE BULLETIN

77-A-12

NO.



December, 1977

SUBJECT:
CYLINDER HEAD BOLTS AND GASKET

MODELS:
TR7

It is of paramount importance to torque the cylinder head on the TR7 at pre-delivery inspection and again at the 1,000 mile inspection.

Please note at engine number CV10330, new bolts, studs, nuts and washers, identified by their black color were introduced on production. The new washer is 7/32" thick compared with the 5/32" thickness of the previous washer. In addition to the foregoing the following part numbers apply:

<u>NEW PART #</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
GEG 3304	1	Cylinder Head Gasket
GEG 1220	1	Decarb. Gasket Set
RTC 2375	1	Cyl. Head Attachment Kit
UKC 9786	10	Washer)
UKC 9954	5	Nuts)
144483	3	Bolts) Kit RTC 2375
144762	2	Bolts)
149080	5	Studs)

IMPORTANT: To avoid distortion of the cylinder head, the tightening sequence has been amended and must be followed (see diagram). When releasing the nuts and bolts, prior to removing the cylinder head, the above sequence must be reversed. When checking the torque loading of the nuts and bolts, they should first be slackened off to overcome static friction and then retightened to the correct torque figure, which has now been changed to 45 to 50 lbs/ft. On early 1977 TR7s prior to engine number CV10330, the sequence, as depicted in the workshop manual, should be followed and note, the cylinder head torque is 45 to 55 lbs/ft.

CYLINDER HEAD TORQUE SHOULD BE CHECKED WITH THE ENGINE COLD IN ALL CASES.

For cars prior to engine number CV10330 refer to Figure I.
For cars subsequent to engine number CV10330 refer to Figure II.

cont.

TORQUE 45-55 lbs/ft.

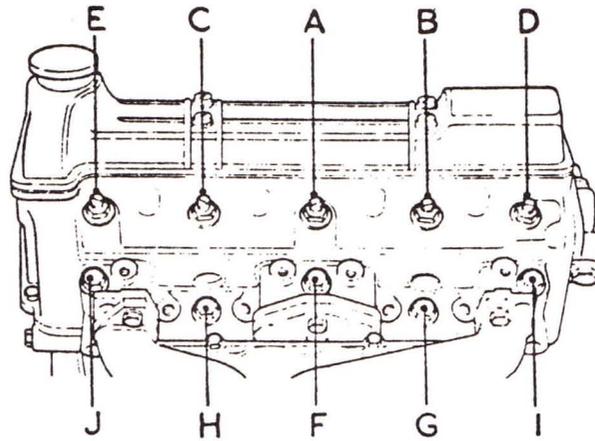


FIGURE I

Old Sequence

TORQUE 45-50 lbs/ft.

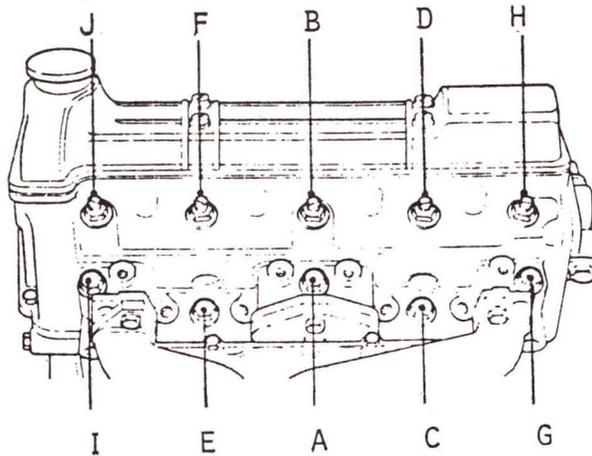


FIGURE II

New Sequence