

4.55:1 Ring & Pinion Gear Kit (9/41)

Part #267-188

The 4.55:1 Ring & Pinion gear set provides the ideal overall ratio for all stock TDs and TFs. This ratio will provide the best compromise between modern highway cruising requirements while still allowing for enough pulling power to make these cars fun to drive on winding, hilly roads.

As many cars have already been converted to even higher MGA ratios, the installation of this gear set will require some understanding as to what parts will be required.

The rust protective coating can most easily be removed with lacquer thinner. Use extreme care in handling this highly flammable material.

These gear sets incorporate the larger diameter pinion shaft as used on MGAs. This will require the use of the included parts to complete your installation using the procedure outlined in the 212-350 Ring & Pinion conversion manual.

125-805	Pinion Bearing, outer
125-600	Pinion Bearing, inner
267-230	Spacer, pinion bearing
267-310	Pinion Thrust Washer
310-575	Nut, pinion bearing
324-100	Washer, pinion bearing nut

This gear set requires a stock TD-TF pinion flange but since many cars have already been converted with MGA gear sets, a new 6 spline pinion flange may be required. These are available under Moss part #266-340.

The effective reduction in engine RPM can be noted from the following chart.

Gear Ratio		Original Application	MPH/1000 RPM	RPM @ 60MPH	RPM @ 65MPH
8/41	(5.125:1)	Stock TD ratio	14.40	4160	4513
8/39	(4.875:1)	TD-MKII, TF	15.14	3948	4293
9/41	(4.55:1)	Optional TD-TF, MGA	16.20	3690	4012
10/43	(4.30:1)	MGA1500/1600	17.16	3496	3787
10/41	(4.10:1)	MGA 1600 MKII	18.00	3333	3611
11/43	(3.90:1)	MGB (62-64)	18.88	3177	3442



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