

Confidential

TECHNICAL SERVICE BULLETIN

NO. 2 G 41



DATE: 10/1/69

BRITISH LEYLAND MOTORS INC.
600 Willow Tree Road • Leonia • New Jersey 07605

SUBJECT: Additional Austin-MG
Special Tools Available

MODELS: All Models

The tools as listed herein are additional tools, readily available to save you time and money, but they are not considered part of the minimum B.L.M.I. tool requirements.

As you review this list, we know you will find tools that will fit your particular needs above our minimum requirements. There is no substitute for the proper tool.

Tools can be ordered through your Distributor in the normal manner.

All tools are color coded with painted dots:

Red - All A Series consisting of Sprite, Midget,
MG 1100 and Austin America

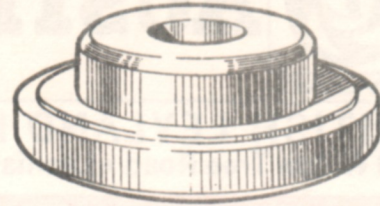
White - All B Series consisting of MGB

Blue - All C Series consisting of Austin Healey 3000
and MGC

2 Red Dots - Automatic A Series

If tool has all colors, it is applied to all models.

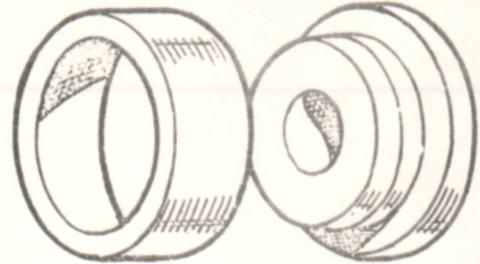
X 18G 134BC - Crankshaft Primary Gear
Oil Seal Replacer Adaptor



18G 134CN - Oil Seal Replacer *order*

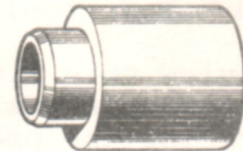
Use with basic tool 18G 134 to replace stator carrier oil seal.

America Automatic



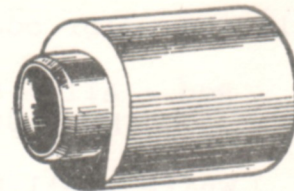
Y 18G 134L - Gearbox Rear Oil Seal
Replacer Adaptor

For replacement of gearbox extension oil seals. Use with handle 18G 134.



X 18G 134N - Gearbox Rear Oil Seal
Replacer - Adaptor

For the correct and easy replacement of the gearbox extension oil seal. Use in conjunction with 18G 134.



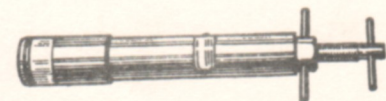
X 18G 144 - Synchromesh Assembly Ring

This tool retains the balls and springs in the synchronizer while it is being pushed into the sleeve or first speed wheel.



X 18G 182 - Accumulator Housing Remover

The difficulty of removing the accumulator housing from its bore on the Laycock overdrive unit is completely overcome by the use of this tool.

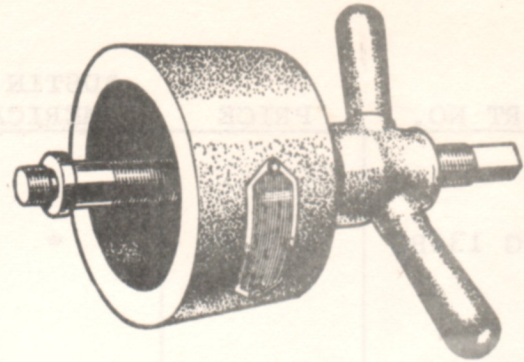


Austin Healey 100, Healey 100 Six, Healey 3000

| PART NO. | PRICE | AUSTIN AMERICA | MG 1100 | SPRITE/ MIDGET | MGB | MGC | HEALEY 3000 |
|-----------|---------|-------------------|------------|-------------------|-----|-----|----------------|
| 18G 134BC | \$ 5.90 | * | * | | | | |
| 18G 134CN | 6.72 | * | | | | | |
| 18G 134L | 3.84 | | | * | | | |
| 18G 134N | 5.33 | | | | * | * | * |
| 18G 144 | 3.50 | | | * | | | |
| 18G 182 | 18.72 | | | | | | * |

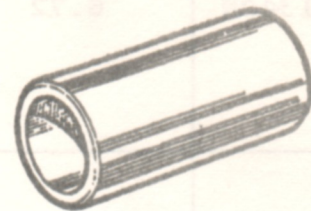
X 18G 183 - Oil Pump Body Remover

For use on the Laycock overdrive unit. The short screwed end of the extractor bolt is screwed into the oil pump body in place of the special screwed plug. With the squared end of the centre screw held firmly with a spanner the oil pump body can be withdrawn by turning the wing nut clockwise.



18G 183A - Adaptor Remover Oil Pump Barrel

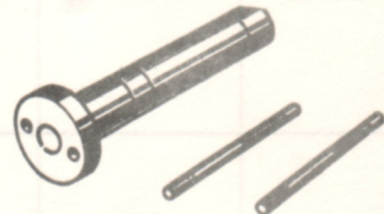
Use with the centre spindle and wing nut from 18G 183 to remove the oil pump from the overdrive unit.



X 18G 184 - Oil Pump Body Replacer

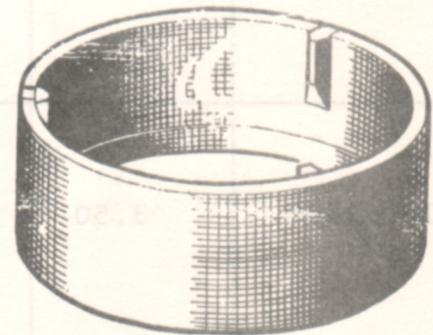
The guide rods ensure correct lining up and easy replacement of the oil pump body to the Laycock overdrive unit.

(18G 184/01 Pin Set)



X 18G 222 - Synchromesh Unit Assembly Ring - Second Speed

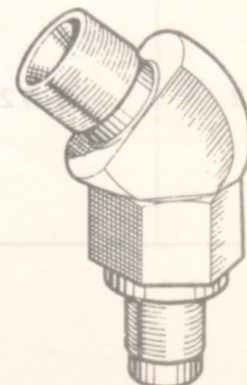
Designed to facilitate the assembly of mated synchronizer and sleeve by enabling the springs and balls to be inserted quickly and easily.



X 18G 223 - Synchromesh Unit Assembly Ring - Third and Top

18G 251D - Pressure Test Adaptor

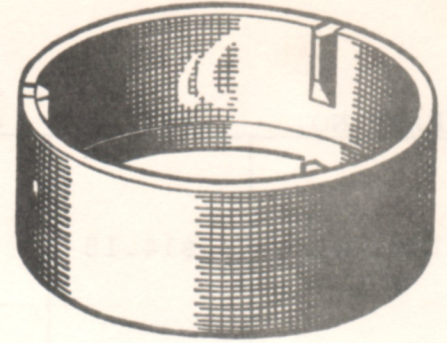
Used in place of the operating valve plug to connect a pressure gauge for the oil pressure test.



| PART NO. | PRICE | AUSTIN AMERICA | MG 1100 | SPRITE/ MIDGET | MGB | MGC | HEALEY 3000 |
|----------|---------|-------------------|------------|-------------------|-----|-----|----------------|
| 18G 183 | \$14.15 | | | | * | | * |
| 18G 183A | 1.96 | | | | * | | |
| 18G 184 | 6.31 | | | | | | * |
| 18G 222 | 10.32 | | | | * | | |
| 18G 223 | 7.72 | | | | * | | |
| 18G 251D | 5.88 | | | | * | | |

X 18G 262 - Synchromesh Unit Assembly Ring
(First and Second Speed)

X 18G 263 - Synchromesh Unit Assembly Ring
(Third and Top Speed)



Designed to facilitate the assembly of mated synchronizer and sleeve by enabling the springs and balls to be inserted quickly and easily.

X 18G 304A - Bolt Adaptor - 1/2 in. UNF

X 18G 304B - Bolt Adaptor - 7/16 in. UNF

X 18G 304F - Bolt Adaptor

For use with basic tool 18G 304.

X 18G 304H - Hub Remover Thrust Pad

For use with basic tool 18G 304.

X 18G 304J - Hub Remover Thrust Pad

X 18G 304K - Hub Remover Thrust Pad

X 18G 572 - Synchromesh Unit Assembly Ring

Designed to facilitate the assembly of mated synchronizer and sleeve by enabling the springs and balls to be inserted quickly and easily.

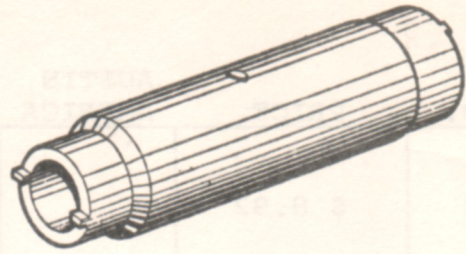
NOTE: For use in current synchronizers, machine 0.005" from the 2.476/2.484" inside diameter.



| PART NO. | PRICE | AUSTIN AMERICA | MG 1100 | SPRITE/ MIDGET | MGB | MGC | HEALEY 3000 |
|------------------|------------------|-------------------|------------|-------------------|-----|-----|----------------|
| 18G 262 | \$ 8.92 | | | | | | * |
| 18G 263 | 9.18 | | | | | | * |
| 3 of 18G 304A | @2.05ea. 6.15 | | | | * | | |
| 2 of 18G 304B | @2.05ea. 4.10 | * | * | | * | * | * |
| 3 of 18G 304F | @2.10ea. 6.30 | | | * | | | |
| 18G 304H | 1.78 | | | * | | | |
| 18G 304J | 2.05 | | | | * | * | |
| 18G 304K | 1.98 | | | | | | * |
| 18G 572 | 4.10 | * | * | | | | |

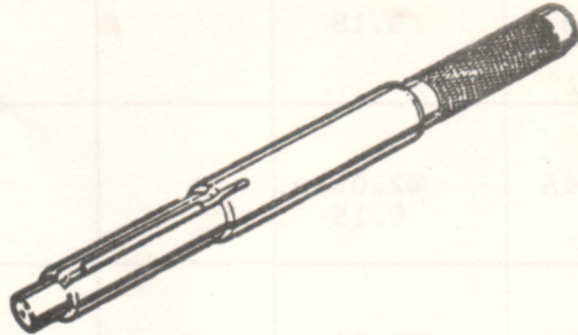
X 18G 671 - Switch Bezel Spanner

Used to enable the bezel nuts on ignition and lighting switches to be removed and replaced without damage to the fascia panel.



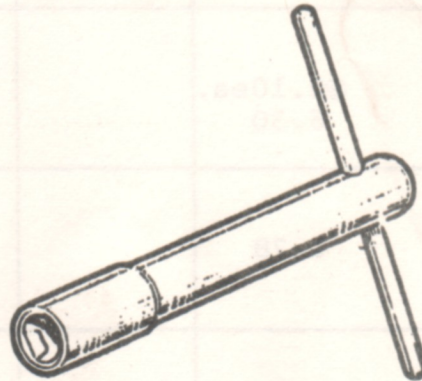
X 18G 1039 - Dummy Mainshaft

To line-up splines of planet carrier and the uni-directional clutch, before fitting to gearbox assembly (Workshop Manual, Section Fa. 10 refers).



X 18G 1040 - Oil Pump Body Key

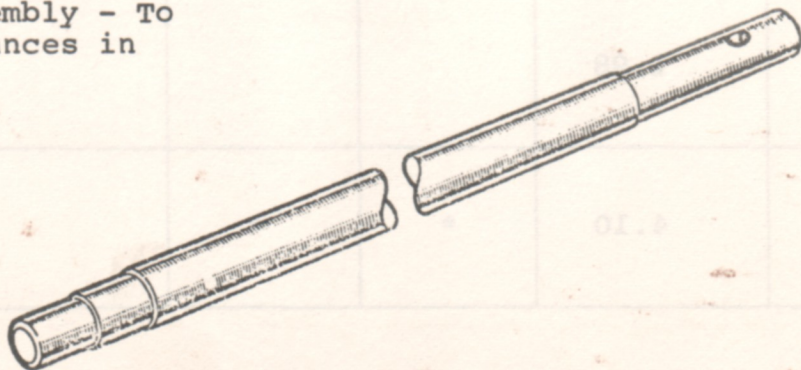
To remove the plug from the over-drive oil pump body.



18G 1093 - Dummy Shaft

Forward gear carrier assembly - To assemble and check clearances in gear train.

America Automatic

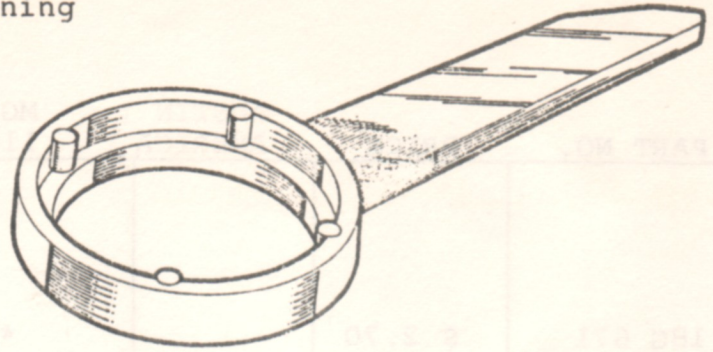


| PART NO. | PRICE | AUSTIN AMERICA | MG 1100 | SPRITE/ MIDGET | MGB | MGC | HEALEY 3000 |
|----------|---------|-------------------|------------|-------------------|-----|-----|----------------|
| 18G 671 | \$ 2.70 | | * | * | * | | * |
| 18G 1039 | 6.72 | | | | * | | |
| 18G 1040 | 2.45 | | | | * | | |
| 18G 1093 | 8.40 | * | | | | | |

X 18G 1095 - Holder - Top and Reverse Clutch Hub

To hold reverse clutch hub when tightening forward.

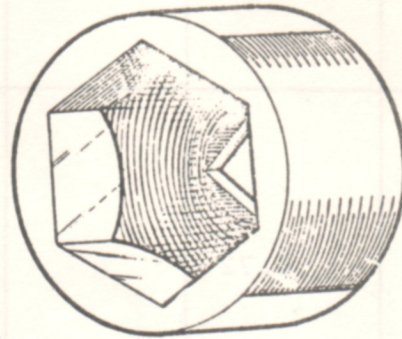
America Automatic



X 18G 1096 - Socket Spanner

To tighten forward clutch hub nut.

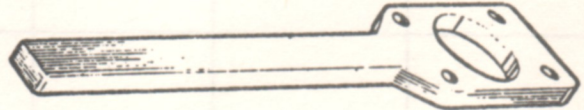
America Automatic



X 18G 1100 - Driveshaft Coupling Wrench *ordered*

To hold drive flange when tightening or removing retaining bolts.

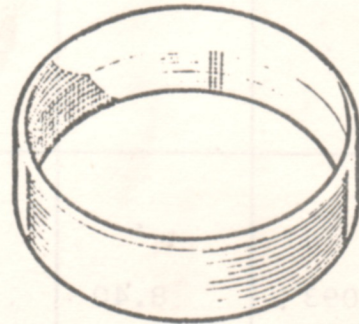
America Automatic



18G 1102 - Replacer Forward Clutch Piston Seal *ordered*

To dismantle and re-assemble forward clutch unit.

America Automatic

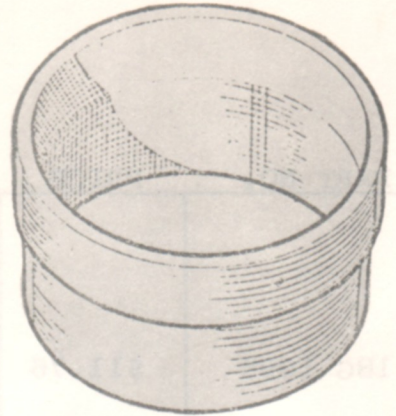


| PART NO. | PRICE | AUSTIN AMERICA | MG 1100 | SPRITE/ MIDGET | MGB | MGC | HEALEY 3000 |
|----------|---------|-------------------|------------|-------------------|-----|-----|----------------|
| 18G 1095 | \$11.76 | * | | | | | |
| 18G 1096 | 14.70 | * | | | | | |
| 18G 1100 | 10.92 | * | | | | | |
| 18G 1102 | 12.60 | * | | | | | |

18G 1120 - Replacer Reverse Clutch Piston Seal *ordered*

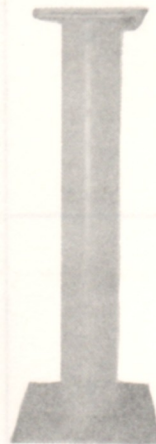
To dismantle and re-assemble reverse clutch unit.

America Automatic

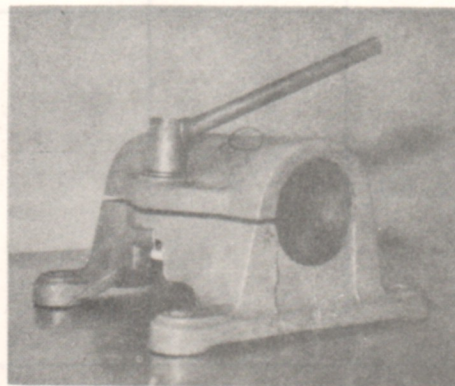


X All 'A' and 'B' type engines can be assembled complete, less filter and generator, and rotated to any 45° position while fixed to the Stand.

HAC 800 - Stand

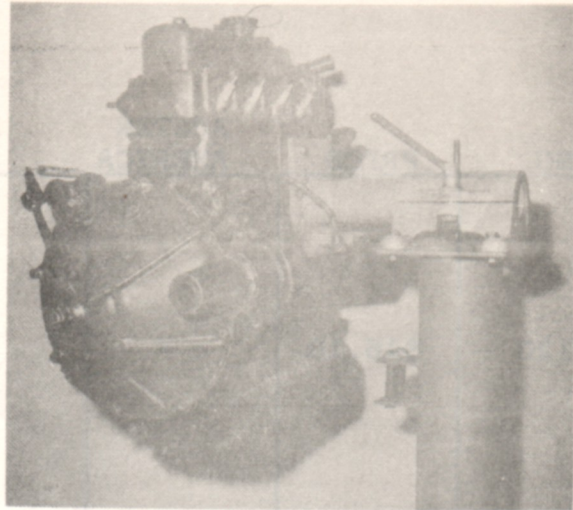


X HAC 801 - Fixture

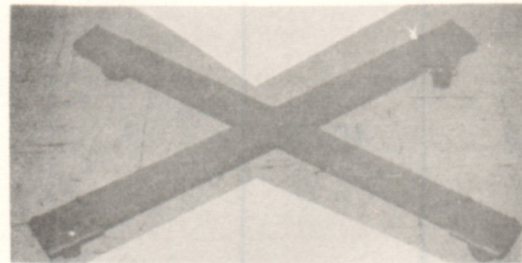


| PART NO. | PRICE | AUSTIN AMERICA | MG 1100 | SPRITE/ MIDGET | MGB | MGC | HEALEY 3000 |
|----------|---------|-------------------|------------|-------------------|-----|-----|----------------|
| 18G 1120 | \$16.10 | * | | | | | |
| HAC 800 | 40.60 | * | * | * | * | | |
| HAC 801 | 24.50 | * | * | * | * | | |

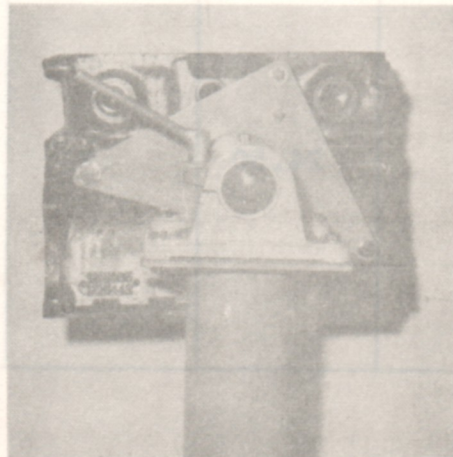
X HAC 802 - Adaptor 'A'



X HAC 803 - Wheel Base



X HAC 804 - Adaptor 'B'



X DID 13 - Tool Board

This tool board holds all minimum dealer tool requirements.

| PART NO. | PRICE | AUSTIN AMERICA | MG 1100 | SPRITE/ MIDGET | MGB | MGC | HEALEY 3000 |
|----------|---------|-------------------|------------|-------------------|-----|-----|----------------|
| HAC 802 | \$28.00 | * | * | * | | | |
| HAC 803 | 28.00 | * | * | * | * | | |
| HAC 804 | 36.40 | | | | * | | |
| DID 13 | 74.00 | * | * | * | * | * | * |