



DATE: 3/17/69

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

SUBJECT:

Cold Starting Difficulties

MODELS:

Austin America

* PLEASE DESTROY YOUR EXISTING COPY OF 2 B 26 AND REPLACE IT WITH THIS ONE.

Where dealers have experienced complaints of hard starting in cold weather, the following, listed in order, are our service recommendations to rectify this problem.

- (a) A multigrade low viscosity oil must be used. We recommend either a 10w/20 or 10w/30 high quality crankcase oil of a reputable manufacturer. In extreme conditions where the temperature falls below 0°F use a 5w/20 weight.
- (b) It is mandatory the ignition and electrical systems are working correctly. Check spark plugs, points, condenser, all ground cables for good electrical contact. Check charging circuit as per Training Aid #SS8, 14.9 to 15.2 volts, 22 amps at 2000 r.p.m.
- (c) Check and adjust carburettor as per AKD 4957. Pay particular attention to the choke adjustment, i.e. set fast idle to 1100 r.p.m. minimum, 1200 r.p.m. maximum, engine at normal temperature, just before jet starts to drop.
 NOTE: This cancels information in Bulletin 2 A 31. Also ensure jet drop is exactly 3/8" on full choke application. Recheck exhaust emission system.
- (d) If all of the above have been checked carefully, dealers are authorized to fit the Austin America cold start kit, part #HAC 650, suggested list price \$19.50 (D) obtained from your Distributor, as described overleaf, under Warranty. Time allowance 0.60 hours using a labour operation number of C001 for 0.6 hrs. (Set up time already included)

The kit HAC 650 comes complete with the two additional wires required in harness form, making this a simple bolt on modification.

FITTING INSTRUCTIONS FOR THE
AUSTIN AMERICA COLD START KIT

PART # HAC 650

Consisting of:

- (a) One Solenoid
 - (b) One Ballast Resistor
 - (c) One Coil
 - (d) One Wire Harness
- (1) Disconnect battery.
 - (2) Remove original ignition coil and solenoid switch. Slacken coil to generator strap bolt (7/16"). Twist strap until coil mounting face is vertical, retighten bolt.
 - (3) Attach ballast resistor to top ignition coil securing bolt.
 - (4) Remove the white cable from the ignition coil terminal marked (-) and connect it to one terminal of the ballast resistor.
 - (5) Connect double wire terminal in harness to coil terminal marked (-).
 - (6) Connect short wire in harness to remaining terminal of resistor.
 - (7) Run harness under grille and battery, securing under clips used for main harness and connect to extra terminal on solenoid, ensuring that wires do not foul resistor or moving parts.
 - (8) Reconnect battery.

NOTE: Initial production of this kit uses coil part #45181, which normally takes a screw type HT lead. To convert to a plug in HT lead, stand old and new coils on their bases, remove centre tower screws from both, change over brass sleeve from old to new coil, replace centre screw.

INSTALLATION INSTRUCTIONS COLD START KIT HAC 650

Cold start coil fitted to
Positive ground car.

