

## ***MOUNTING INSTRUCTION Austin Healey 100-106/3000/BJ8***

### **FRONT: LOWER MOUNT**

- A. PULL EMERGENCY BRAKE AND LOCK REAR WHEELS.
- B. LOOSE FRONT WHEELS, LIFT THE CAR UP, AND SUPPORT WITH JACKSTANDS.
- C. REMOVE FRONT WHEELS.
- D. LOOSEN THE TWO BOLTS, WHICH HOLD THE LOWER SPRING PLATE TO THE REAR-A-ARM.  
**(DON'T REMOVE, JUST LOOSEN)**
- E. REMOVE ONE BOLT, (FRAMESIDE /INBOARD).
- F. PLACE THE LOWER BRACKET ON TOP OF THE - A - ARM, REPLACE THE BOLT AND NUT WITH A NEW ONE SUPPLIED. TIGHTEN UNTIL CONTACT.
- G. REMOVE THE WHEEL SIDE BOLT.
- H. ROTATE THE BRACKET OVER THE HOLE AND REPLACE 2nd NEW BOLT AND NUT.
- J. CHECK SPRING CLEARANCE, PULL BRACKET AWAY FROM SPRING.
- K. TIGHTEN BOTH BOLTS TO 50 Nm / 37lbs.ft.

### **FRONT: UPPER MOUNT**

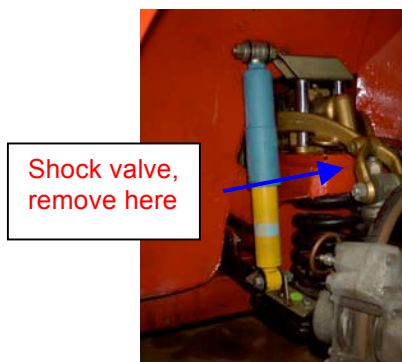
- A. **SUPPORT THE LOWER CONTROL ARM** WITH A FLOOR JACK.
- B. REMOVE FOUR BOLTS FROM THE AMSTRONG LEVER SHOCK.
- C. REMOVE OIL PLUG AND TAKE THE VALVING OUT. (BIG HEX HEAD)
- D. REINSTALL OIL PLUG AND TIGHTEN, CHECK AND REFILL OIL.
- E. CHECK THE OUTER THREADS ON THE SHOCK TOWER (BAD THREADS MUST BE REPAIRED). \*
- F. INSTALL THE ORIGINAL EQUIPMENT SHOCK WITH TWO OF THE OLD BOLTS ON INBOARD SIDE (ENGINE). **CLEAN THREAD AND USE LOCTITE**
- G. INSTALL THE UPPER BRACKET WITH NEW BOLTS AND SPACER. The socket head bolt is for the rear hole. (Bilstein shock side)\*\*
- H. TIGHTEN ALL BOLTS TO 50 Nm/ 37 lbs.ft. **CLEAN THREAD AND USE LOCTITE**
- J. INSTALL BILSTEIN # **BE3-2576** AND TIGHTEN TO:  
TOP: 53 Nm / 39 lbs.ft.      BOTTOM: 80 Nm / 60 lbs.ft.
- K. INSTALL THE WHEELS AND SET THE CAR ON GROUND.

**RED = LEFT SIDE**

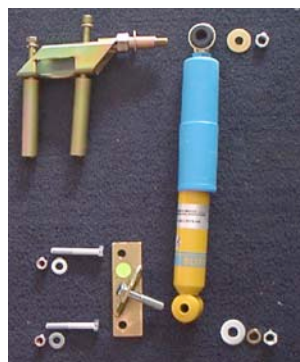
**GREEN = RIGHT SIDE**

**\*BAD THREAD CAN CAUSE FAILURE AND IS NOT COVERED UNDER WARRANTY.**

**\*\*IF YOU HAVE ADJUSTMENT PLATES INSTALLED, YOU MUST CHECK CAMBER, CASTER AND TOE.**



**Front right.**



**Front assembly**



**Fuel pump (BJ7- 8)**

## ***Austin Healey 100-4/106/3000/BJ8 rear***

- A. LOOSEN WHEEL NUT
- B. LIFT REAR AND SUPPORT WITH JACK STAND UNDER THE FRAME
- C. TACKLE BOTH WHEELS OFF
- D. REMOVE REAR SEATS (EASY ACCESS)
- E. REMOVE FUEL PUMP BRACKET (*BJ7-8 only*)
- F. REMOVE REAR SHOCKS WITH LINK **100-106-3000-BJ8**
- G. SUPPORT SPRING WITH TWO C- CLAMS (*BJ7-8 only*)
- H. REMOVE LOWER SPRING PLATE, ONE SIDE AT THE TIME (*BJ7-8 only*)
- J. ADD OR REPLACE THE NEW LOWER SHOCK MOUNT UNDER THE SPRING **100-106-3000-BJ8**
- K. TIGHTEN NEW LOCK NUTS WITH 50 N/m/37 lbs/ft.
- L. INSTALL THE UPPER SHOCK MOUNT
- M. LOOSEN THE EXHAUST REAR PIPE.
- N. INSTALL THE REAR SHOCK **BE3-2577** (53Nm /39 lbs/ft)
- O. THE EXHAUST CAN TOUCH THE LOWER BRACKET WHEN THE CAR IS LIFTED UP.
- P. TIGHTEN THE EXHAUST AFTER THE SHOCK IS INSTALLED. Small modification can be necessary
- Q. INSTALL THE NEW FUEL PUMP BRACKET (*BJ7-8*)
- R. INSTALL THE FUEL PUMP AS SHOWN IN THE PICTURE (*BJ7-8*) SEE #4
- S. BEND THE FUEL LINE CAREFUL WITH NO WRINKLES AND RECONNECT (*BJ7-8*)
- T. BEND BRAKELINE SPLITTER 15-20° UP TO CLEAR BRACKET (*BJ7-8*)
- U. REINSTALL WHEELS AND LOWER TO THE CAR TO THE FLOOR.

### ***Putzke's "FAHRSPASS"***

**13809 Eisenhower Ave.**

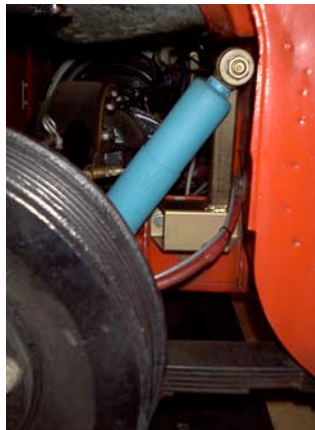
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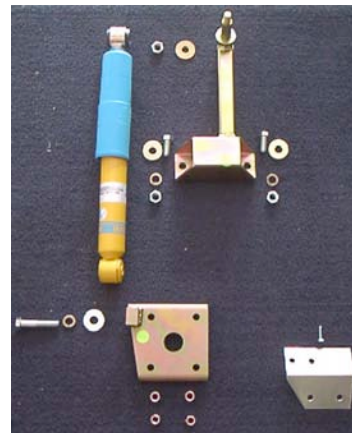
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**Rear right lower Mount**



**Rear right upper Mount**



**Rear right assembly  
(BJ8 PH2 shown)**