



SERVICE BULLETIN WA-SB-004

- SUBJECT:** Fuel Pump braided low pressure hoses –
Lift Pump to Filter & Filter to Fuel Rail
- DESCRIPTION:** Small amounts of fuel seeping from hoses
- APPLICABILITY:** All serial numbers
- COMPLIANCE:** **To be carried out prior to or at next 50 hour check**

This Bulletin requires replacement of Lift Pump to Filter & Filter to Fuel Rail hoses with new items. P/Nos: 001957 & 001958. Also Washers P/No 001741, new items will be required. To achieve this, proceed as follows: -

Tools needed

17mm spanner, 10mm spanner, flat screwdriver and 11/16 spanner.

General.

Ensure the workplace is clean, dry and well lit. The fuel pump is very sensitive to dirt. Make absolutely certain that no dirt enters the pipes or fittings.

- 1) Support fuel filter with hand and undo fuel line with 17 mm spanner at the filter end.



- 2) Remove retaining clip from the lift pump end using a screwdriver and fingers.
CAUTION: Do not let this clip spring off. Gently twist and pull the fuel line out of the lift pump.



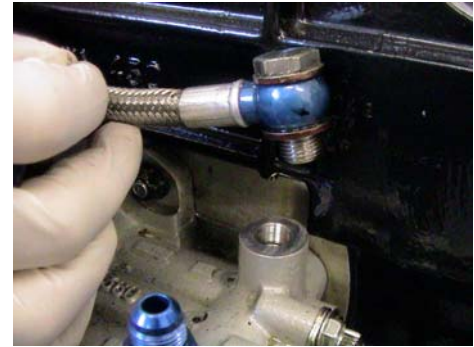
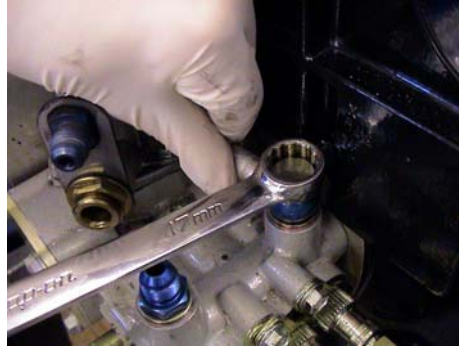
Effective Date: 1 February 2009

Unit SE3, Gloucestershire Airport, Staverton. Gloucestershire. GL51 6SP. England

Page 1 of 5



- 3) Unfasten the banjo bolt behind the fuel inlet.



- 4) Support the fuel filter with your hand and undo the banjo bolt, but only enough to free the hose.



- 5) Unfasten the fuel filter retaining nuts with a 10mm spanner.

- 6) Remove the fuel pressure hose





- 7) Remove the fuel filter from the studs



- 8) Unfasten banjo bolt from filter

- 9) Fit new washers P/N 001741 to banjo bolt either side of fuel line banjo – P/N: 001958



- 10) Fit to fuel filter (pressure outlet end). Do banjo up to touch but do not torque.





11) Re-fit fuel pressure hose.

12) Re-fit fuel filter to studs and torque nuts to 12 NM



13) Re-fit banjo bolt and washers to fuel line and fit to fuel pump body.
Support outer side of hose whilst torque of 25-30NM is applied, to prevent hose from spinning.



14) Now torque the fuel filter banjo to 25-30NM whilst also supporting the fuel line.
Avoid fuel line from touching the fuel filter plate.

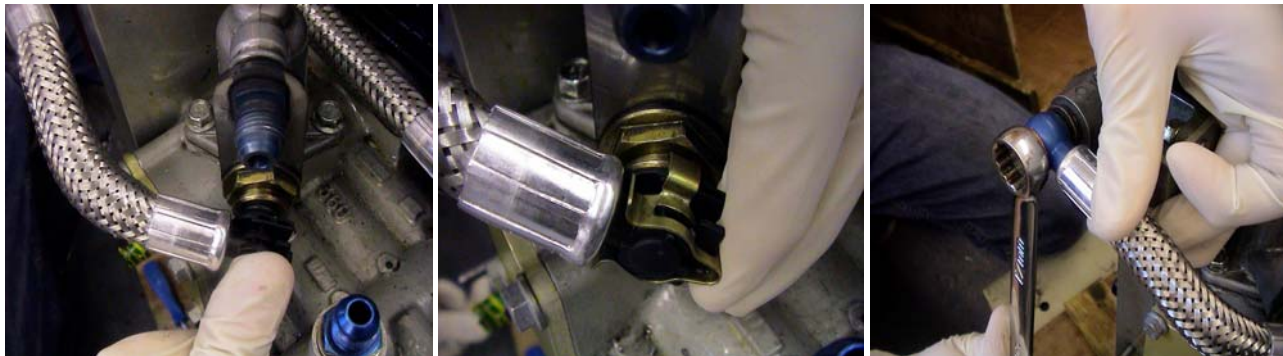




- 15) Fit banjo bolt and washers to hose P/N 001957 and re-fit to filter, hand tight.



- 16) Push and twist hose end into lift pump until fully seated. Re-fit retaining clip and torque filter end, 25-30 NM.



- 17) Remove fuel return fitting and discard washer. Fit new washer and torque to 25-30 NM.



Hoses removed need to be returned to Wilksch Airmotive Ltd., at the address below.

Failure to comply with any recommendations/limitations published by Wilksch Airmotive will invalidate your warranty.

Effective Date: 1 February 2009

Unit SE3, Gloucestershire Airport, Staverton. Gloucestershire. GL51 6SP. England

Page 5 of 5