

Technical Service Bulletin

Make: Diamo

Model: VELUX

Year: 2004-2006

Service Bulletin Number: LSMS05055150/06

Bulletin Sequence Number: 018

Date: 9/14/2006

Component: FUEL FILL HOSE

Typical Symptoms: LEAKING FUEL FILL HOSE

Issue: ALL VELUX 150CC AND 250CC MODELS PRODUCED PRIOR TO 9/1/2006 ARE EQUIPPED WITH A FUEL FILL HOSE THAT COULD DEVELOP CRACKS IN THE HOSE RESULTING IN A FUEL LEAK AND POTENTIAL HAZARD FROM FUEL LEAKING ONTO AND NEAR THE ENGINE AND EXHAUST.

Action: DIAMO USA IS ISSUING A VOLUNTARY RECALL OF ALL VELUX 150CC AND 250CC MODELS PRODUCED PRIOR TO 9/1/2006 TO REPLACE THE FUEL FILL HOSE WITH A SUPERCEDED PART. THE FUEL FILL HOSE IS TO BE REPLACED WITH THE SUPERCEDED PART FOLLOWING THE PROCEDURE LISTED BELOW. ALL VELUX 150CC AND 250CC MODELS PRODUCED PRIOR TO 9/1/2006 SHOULD HAVE THIS MODIFICATION PERFORMED DURING DEALER PREP OF IN STOCK UNITS. ALL CONSUMERS ARE BEING INSTRUCTED TO CONTACT THE DEALER TO HAVE THE REPLACEMENT FUEL FILL HOSE INSTALLED.

Service Procedure: * BEFORE BEGINNING THIS PROCEDURE IT IS RECOMMENDED THAT THE FUEL TANK BE LESS THAN 1/2 FULL. USE SAFE PRACTICES WHEN PERFORMING REPAIRS TO FUEL SYSTEMS. PERFORM PROCEDURE IN A WELL VENTILATED AREA.

- 1) THE FUEL FILL HOSE IS ACCESSED FROM THE TRUNK COMPARTMENT ON ALL VELUX MODELS.
- 2) REMOVE THE UPPER CENTER SCREW AND THE THREE SCREWS FROM THE RIGHT SIDE OF THE FORWARD TRUNK LINER. SEE FIG.1. PULL THE LINER TO THE LEFT TO GAIN ACCESS TO THE FUEL FILL HOSE. SEE FIG. 2.
- 3) LOOSEN THE TWO HOSE CLAMPS THAT SECURE THE FUEL FILL HOSE. THE SEAT MAY NEED TO BE REMOVED TO GAIN ACCESS TO THE LOWER CLAMP, SOME UNITS WERE ASSEMBLED WITH THE CLAMP FACING FORWARD. REMOVE OLD FILL HOSE.
- 4) INSPECT THE FUEL FILL FITTING AND FUEL TANK FITTING FOR DAMAGE. ENSURE BOTH FITTINGS ARE CLEAN AND FREE OF ANY ITEMS THAT MAY INTERFERE WITH THE INSTALLATION OF THE NEW HOSE. SEE FIG. 3
- 5) INSTALL NEW HOSE AND CLAMPS. SOME MINOR TRIMMING MAY BE REQUIRED TO ENSURE A SECURE FIT. HOSE MUST BE INSTALLED IN A MANNER THAT DOES NOT KINK OR TWIST HOSE. USE CARE TO NOT OVERTIGHTEN CLAMPS WHICH COULD DAMAGE THE FITTINGS. SEE FIG. 4
- 6) FILL FUEL TANK WITH FRESH FUEL AND INSPECT HOSE CONNECTIONS FOR LEAKS
- 7) REINSTALL TRUNK LINER AND SEAT (IF REMOVED).
- 8) TEST DRIVE, INSPECT FOR LEAKS AND NORMAL OPERATION.

Service Time: 1.25 Hour

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2006 OCT 11 A 0 02

Service Parts:

SUPERCEEDED FUEL FILL HOSE AND CLAMPS

PART NUMBER	PART DESCRIPTION
55-09-0902A	FILL HOSE, FUEL TANK
55-09-0902B	CLAMP, FUEL FILL HOSE (2 REQ)

Figure detail:

