

**Vehicle Out Of Fuel –  
Range Indicated On Message Center –  
Modify Transfer Pipe**

MODEL 2002 MY  
X-TYPE  
VIN C00001-C39700

**Issue:**

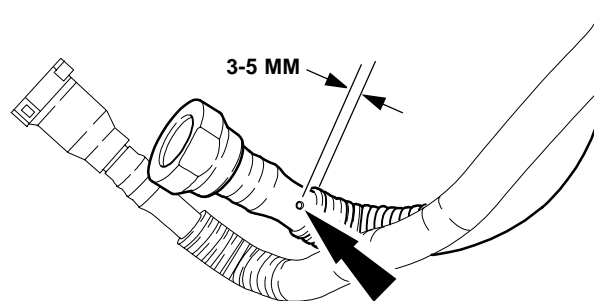
Some 2002 X-TYPE vehicles within the above VIN range, may experience a customer complaint of running out of fuel while the message center still indicates range available.

**Action**

To eliminate this concern, remove the fuel transfer pump module and modify the fuel return transfer pipe. On a customer complaint basis only, follow the workshop procedure outlined below.

**WORKSHOP PROCEDURE**

1. Remove the fuel transfer pump assembly (see Workshop Manual, JTIS CD ROM section: 310-01, SRO 19.45.06).
2. For access, reposition the return transfer pipe away from the fuel tank opening (return transfer pipe has a yellow release latch).
3. Using a 2 mm drill bit, by hand, drill a hole 3 mm to 5 mm from the shoulder (convoluted pipe side) in the return transfer pipe and remove any swarf (Illustration 1).

**DRILL HOLE 3-5 MM FROM SHOULDER**

J.310.0138

ILLUSTRATION 1

4. Install a new transfer pump O-ring seal.

**Note:** When installing new transfer pump O-ring seal, apply a smear of petroleum jelly to locking nut flange mating face.

5. Install fuel transfer pump assembly (see Workshop Manual, JTIS CD ROM section: 310-01, SRO 19.45.06).

#### Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Fuel transfer pump O-ring seal	C2S 8592	1

#### Warranty Information:

<u>FAULT CODE</u>	<u>R.O. NUMBER</u>	<u>DESCRIPTION</u>	<u>TIME ALLOWANCE</u>
CJ HB 42	19.91.57	Fuel tank transfer pipe modification	4.3 hrs.