

Take resistance readings at pins C and D on fuel pump connector -

Resistance tank empty: 200 Ohm +3.5/-6

Resistance reserve: 150 Ohm +8/-12

Resistance full tank: 0.5 Ohm +3/-0.5

Watch for smooth operation on bar graph of test multimeter.

If resistance is out of tolerance, replace pump/sensor.

Note: Units tested at Warranty Inspection found to be within specs., may be returned to the dealer and the warranty claim debited.

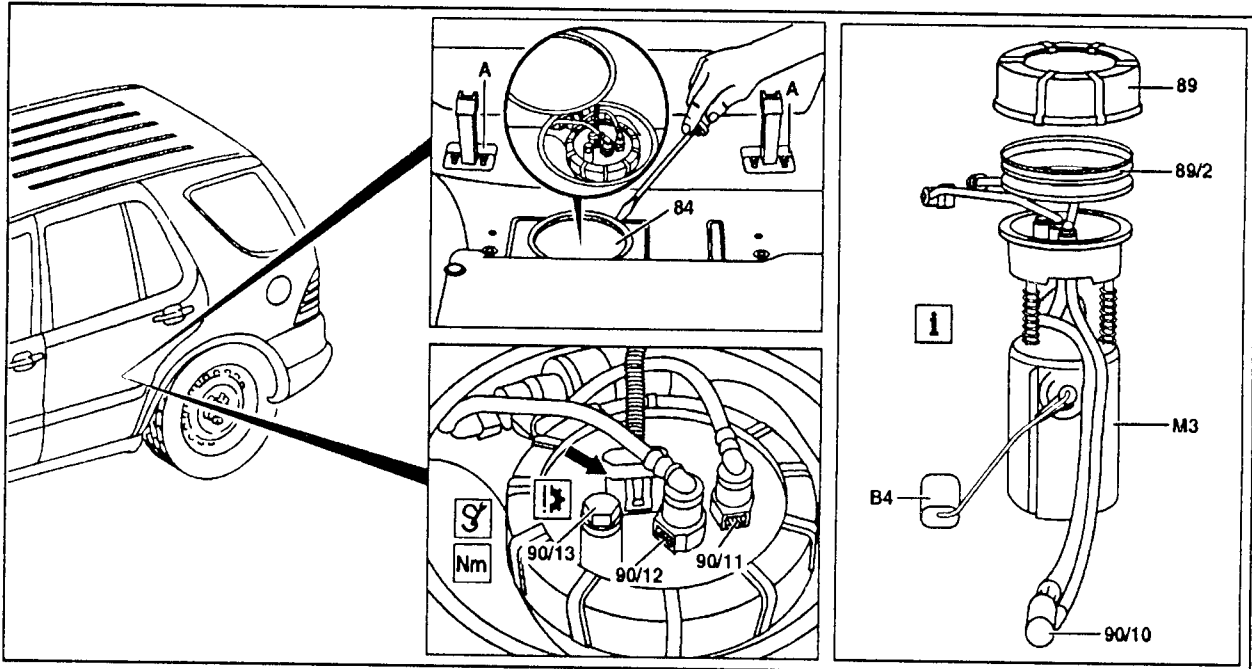


Figure 1

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7. Unplug electrical connector (arrow, Figure 1) on fuel pump.
 8. Unclip fuel feed line (90/12, Figure 1) and return line (90/11) using special tool no. 163 589 00 37 00.
 9. Unscrew union nut (89, Figure 1) using special tool no. 163 589 01 07 00.
 10. Remove pump (m3, Figure 1). (Exercise caution when removing pump to avoid fuel spillage into vehicle).
 11. Install in reverse order.
- ⚠ Caution ! : Do not bend float arm [B4, Figure 1] when installing pump into tank. (Note: Replace union nut [89] and seal [89/2]. Lubricate seal to make installation easier. Make sure union nut is tightened up snug. Do not tighten excessively!)
12. Refill fuel tank to its original level.