

# TECHNICAL SERVICE BULLETIN

## **Ford Motor Company Fuel Pump Design Change**

### **The Problem:**

Ford Motor Company has changed the fuel pump module design on the part numbers and applications listed below.

These applications have a lock ring mounted in the bottom of the fuel tank to secure the fuel pump.

The new style fuel pump module does not use the lock ring and cannot be installed if the lock ring is still in place. Currently, the dealer is the only place that can remove the lock ring due to a special tool required to perform the operation. This has forced CARQUEST to discontinue the two modules designed to replace the original unit.

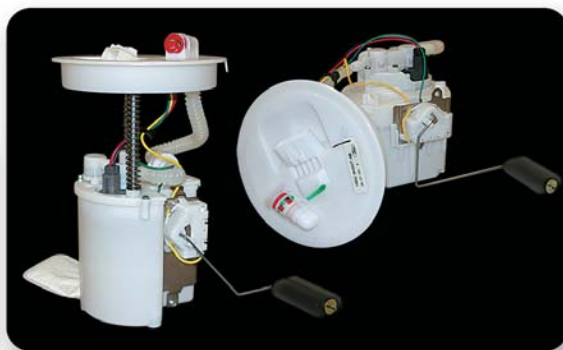
### **The Solution:**

CARQUEST is making replacement fuel pumps available for use in either OE fuel pump module design. No special tools are required to install the pump-only replacements. Replacement part numbers are as follows:

| <b>Pump-Only Replacement</b> | <b>Applications</b> |          |           | <b>Discontinued Module</b> |        |
|------------------------------|---------------------|----------|-----------|----------------------------|--------|
| E2448                        | Ford                | Focus    | 2000-2003 | 2.0L                       | E2299M |
| E2390                        | Ford                | Contour  | 1999-2000 | 2.0L, 2.5L                 | E2273M |
| E2390                        | Mercury             | Mystique | 1999-2000 | 2.0L, 2.5L                 | E2273M |
| E2390                        | Mercury             | Cougar   | 1999-2001 | 2.0L, 2.5L                 | E2273M |



**IN-TANK FUEL PUMP  
LOCK RING**



**DISCONTINUED MODULES**



**PUMP-ONLY  
REPLACEMENT**