

<ul style="list-style-type: none"> <li>• <b>NO START—1.9L, 2.3L, 3.0L, 3.8L, 4.9L, 5.0L, 5.8L, 7.5L—LOW STATE OF BATTERY CHARGE</b></li> <li>• <b>BATTERY—DISCHARGED—1.9L, 2.3L, 3.0L, 3.8L, 4.9L, 5.0L, 5.8L, 7.5L</b></li> <li>• <b>FUEL PUMP—NOISY—1.9L, 2.3L, 3.0L, 3.8L, 4.9L, 5.0L, 5.8L, 7.5L</b></li> <li>• <b>NOISE—“BUZZING” OR “HUMMING” FROM FUEL PUMP AFTER ENGINE IS TURNED OFF</b></li> </ul>	<b>Article No. 90-18-3</b>
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**FORD:** 1983-1990 CROWN VICTORIA, ESCORT, EXP, MUSTANG, TEMPO, THUNDERBIRD  
1986 LTD  
1986-1990 TAURUS  
1983-1990 BRONCO II, BRONCO, ECONOLINE, F-150, F-250, F-350, RANGER  
1988-1990 F SUPER DUTY

**LINCOLN:** 1983-1990 CONTINENTAL, MARK VII, TOWN CAR

**MERCURY:** 1983-1987 LYNX  
1983-1990 COUGAR, GRAND MARQUIS, TOPAZ  
1985-1986 CAPRI, MARQUIS  
1986-1990 SABLE

**ISSUE**

A “buzzing” or “humming” noise from the fuel pump may occur after the engine has been shut off. There may also be a no start condition or a discharged battery. These conditions are caused by a sticking fuel pump relay.

**ACTION**

Install a new fuel pump relay. Refer to the following procedure for service details.

1. Check the fuel pump relay circuit for proper operation. Refer to the appropriate EVTM for troubleshooting details.
2. Install a new fuel pump relay, if the old one is defective.
3. Check the vehicle for proper operation.

**OTHER APPLICABLE ARTICLES:** None  
**WARRANTY STATUS:** Eligible Under Basic Warranty Coverage

OPERATION	DESCRIPTION	TIME
901803A	1985-86 LTD/Marquis (includes pinpoint test)	0.6 Hr.
901803A	1990 Town Car (includes pinpoint test)	0.4 Hr.
901803A	All Other Cars (includes pinpoint test)	0.5 Hr.
901803A	All Trucks (includes pinpoint test)	0.5 Hr.

**DEALER CODING**

BASIC PART NO.	CONDITION
9345	CODE
<b>OASIS CODES:</b> 404000, 603300, 203000, 203100, 702000	09

PART NUMBER	PART NAME
F19Z-9345-A	Fuel Pump Relay Assy.