

- **LONG CRANK—STICKING IDLE AIR CONTROL (IAC) VALVE—VEHICLES BUILT FROM 11/1/94 THROUGH 3/30/96**
- **STALL—AFTER STARTING WHEN ENGINE ALLOWED TO SOAK FROM 1-4 HOURS—STICKING IDLE AIR CONTROL (IAC) VALVE—VEHICLES BUILT FROM 11/1/94 THROUGH 3/30/96**

**Article No.  
97-9-5**

**FORD:** 1995-1996 CONTOUR, CROWN VICTORIA, ESCORT, TAURUS, THUNDERBIRD  
1996 MUSTANG  
1995-1996 AEROSTAR, BRONCO, ECONOLINE, F-150-350 SERIES, RANGER,  
WINDSTAR  
1996 EXPLORER

**LINCOLN:** 1995-1996 CONTINENTAL, MARK VIII, TOWN CAR

**MERCURY:** 1995-1996 COUGAR, GRAND MARQUIS, MYSTIQUE, SABLE, TRACER

This TSB article is being republished in its entirety to include the 1995 4.6L Thunderbird/Cougar.

### **ISSUE**

After a 1-4 hour engine soak time, long crank times and/or long crank to start followed by a stall may occur on some vehicles. No further stalling or rough idle will occur after the engine is running. The long crank and/or stall may be due to the Idle Air Control (IAC) Valve sticking.

### **ACTION**

Replace the IAC Valve with a revised IAC Valve if no Diagnostic Trouble Codes (DTCs) are present. Refer to the following Service Procedure for details.

### **SERVICE PROCEDURE**

1. Perform normal diagnostics and correct any DTCs as required by referring to the appropriate year Powertrain Control/Emissions Diagnosis (PC/ED) Service Manual.
2. If no codes are present, replace the IAC Valve by referring to the appropriate model/year Service Manual, Section 03-14. Refer to the following Idle Air Control Valve Application Chart for proper IAC usage.

# Article No. 97-9-5 Cont'd.

IDLE AIR CONTROL VALVE APPLICATION CHART			
Model Year	Vehicle	Engine	Revised Part Number
<b>PASSENGER CARS</b>			
1995	Escort/Tracer	1.9L	F5DZ-9F715-BA
1996	Escort/Tracer	1.9L	F6CZ-9F715-BB
1995	Contour/Mystique	2.5L	F5RZ-9F715-AB
1996	Contour/Mystique	2.5L	F6RZ-9F715-AA
1996	Taurus/Sable	3.0L 4-Valve	F5DZ-9F715-DA
1995	Taurus/Sable	3.0L 2-Valve	F5DZ-9F715-EA
1996	Taurus/Sable	3.0L 2-Valve	F6DZ-9F715-DA
1995	Taurus SHO	3.2L	F6DZ-9F715-CA
1996	Taurus SHO	3.4L	F6LZ-9F715-AC
1995	Taurus/Sable	3.8L	F68Z-9F715-EA
1995	Crown Victoria/Grand Marquis/Town Car	4.6L 2-Valve	F5PZ-9F715-AA
1996	Crown Victoria/Grand Marquis/Town Car/Mustang	4.6L 2-Valve	F6AZ-9F715-EB
1996	Mustang	4.6L 4-Valve	F65Z-9F715-BC
1995-96	Continental	4.6L 4-Valve	F5OZ-9F715-AB
1995	Mark VIII	4.6L 4-Valve	F3LZ-9F715-AA
1996	Mark VIII	4.6L 4-Valve	F6LZ-9F715-AC
1995	Thunderbird/Cougar	4.6L 2-Valve	F5PZ-9F715-AA
1996	Thunderbird/Cougar	4.6L 2-Valve	F6AZ-9F715-EB
<b>LIGHT TRUCKS</b>			
1995-96	Ranger	2.3L	F5OZ-9F715-AB
1995-96	Ranger	3.0L	F67Z-9F715-AA
1995	Aerostar	3.0L	F68Z-9F715-DA
1996	Aerostar	3.0L	F69Z-9F715-AA
1995-96	Windstar	3.0L	F68Z-9F715-DA
1995	Windstar	3.8L	F68Z-9F715-EA
1996	Windstar	3.8L	F68Z-9F715-CB
1995-96	Econoline/F-150-350 Series/Bronco	4.9L	F68Z-9F715-EA
1996	Explorer	5.0L	F67Z-9F715-BA
1995-96	Econoline/F-150-350 Series/Bronco	5.0L	F6TZ-9F715-HA
1995-96	Econoline/F-150-350 Series/Bronco	5.8L	F6TZ-9F715-HA
1995-96	Econoline/F-150-350 Series	7.5L	F6TZ-9F715-GA

PART NUMBER	PART NAME
F67Z-9F715-AA	Idle Air Control (IAC) Valve
F67Z-9F715-BA	Idle Air Control (IAC) Valve
F68Z-9F715-CB	Idle Air Control (IAC) Valve
F68Z-9F715-DA	Idle Air Control (IAC) Valve
F68Z-9F715-EA	Idle Air Control (IAC) Valve
F69Z-9F715-AA	Idle Air Control (IAC) Valve

**OTHER APPLICABLE ARTICLES: NONE**

**SUPERSEDES: 96-22-3**

**WARRANTY STATUS:** Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage And Emissions Warranty Coverage

OPERATION	DESCRIPTION	TIME
970905A	Replace Idle Air Control (IAC) Valve - 1995-96 Escort/Tracer 1.9L	0.2 Hr.
970905B	Replace Idle Air Control (IAC) Valve - 1995-96 Contour/Mystique 2.5L	0.2 Hr.
970905C	Replace Idle Air Control (IAC) Valve - 1996 Taurus/Sable 3.0L 2-Valve	0.2 Hr.
970905D	Replace Idle Air Control (IAC) Valve - 1996 Taurus SHO 3.4L	0.2 Hr.
970905E	Replace Idle Air Control (IAC) Valve - 1995 Taurus 3.0L 2-Valve And SHO 3.2L	0.3 Hr.
970905F	Replace Idle Air Control (IAC) Valve - 1995 Taurus/Sable 3.0L 2-Valve And 3.8L	0.3 Hr.
970905G	Replace Idle Air Control (IAC) Valve - 1995-96 Crown Victoria/Grand Marquis/Town Car 4.6L 2-Valve	0.3 Hr.
970905H	Replace Idle Air Control (IAC) Valve - 1995-96 Continental 4.6L 4-Valve	0.3 Hr.
970905I	Replace Idle Air Control (IAC) Valve - 1995-96 Mark VIII 4.6L 4-Valve	0.3 Hr.
970905J	Replace Idle Air Control (IAC) Valve - 1996 Mustang 4.6L 2-Valve And 4-Valve	0.3 Hr.
970905K	Replace Idle Air Control (IAC) Valve - 1995-96 Ranger 2.3L And 3.0L	0.3 Hr.

PART NUMBER	PART NAME
F3LZ-9F715-AA	Idle Air Control (IAC) Valve
F5RZ-9F715-AB	Idle Air Control (IAC) Valve
F5DZ-9F715-BA	Idle Air Control (IAC) Valve
F5DZ-9F715-DA	Idle Air Control (IAC) Valve
F5DZ-9F715-EA	Idle Air Control (IAC) Valve
F5OZ-9F715-AB	Idle Air Control (IAC) Valve
F5PZ-9F715-AA	Idle Air Control (IAC) Valve
F6AZ-9F715-EB	Idle Air Control (IAC) Valve
F6CZ-9F715-BB	Idle Air Control (IAC) Valve
F6DZ-9F715-CA	Idle Air Control (IAC) Valve
F6DZ-9F715-DA	Idle Air Control (IAC) Valve
F6LZ-9F715-AC	Idle Air Control (IAC) Valve
F6TZ-9F715-GA	Idle Air Control (IAC) Valve
F6TZ-9F715-HA	Idle Air Control (IAC) Valve
F6RZ-9F715-AA	Idle Air Control (IAC) Valve
F65Z-9F715-BC	Idle Air Control (IAC) Valve

(Cont'd.)

**Article No. 97-9-5 Cont'd.**

970905L	Replace Idle Air Control (IAC) Valve - 1995-96 Aerostar 3.0L	0.3 Hr.	970905S	Replace Idle Air Control (IAC) Valve - 1995-96 F-150-350 Series 7.5L	0.3 Hr.
970905M	Replace Idle Air Control (IAC) Valve - 1995-96 Windstar 3.0L And 3.8L	0.3 Hr.	970905T	Replace Idle Air Control (IAC) Valve - 1996 Taurus/Sable 3.0L 4-Valve	0.2 Hr.
970905N	Replace Idle Air Control (IAC) Valve - 1995-96 Econoline 4.9L	0.4 Hr.	970905U	Replace Idle Air Control (IAC) Valve - 1995-96 Thunderbird/Cougar 4.6L 2-Valve	0.3 Hr.
970905O	Replace Idle Air Control (IAC) Valve - 1995-96 Econoline 5.0L And 5.8L	0.3 Hr.	970905V	Replace Idle Air Control (IAC) Valve - 1995-96 Bronco 5.0L And 5.8L	0.3 Hr.
970905P	Replace Idle Air Control (IAC) Valve - 1995-96 F-150-350 Series 4.9L, 5.0L And 5.8L	0.3 Hr.			
970905Q	Replace Idle Air Control (IAC) Valve - 1996 Explorer 5.0L	0.3 Hr.			
970905R	Replace Idle Air Control (IAC) Valve - 1995-96 Econoline 7.5L	0.4 Hr.			

**DEALER CODING**

BASIC PART NO.  
9F715

CONDITION  
CODE  
41

**OASIS CODES:** 602300, 603300, 607000, 607400