

# EGR BOOST SENSORS

## WHAT THEY DO

Monitor EGR operation and intake manifold pressure.

## FAILURE SYMPTOMS

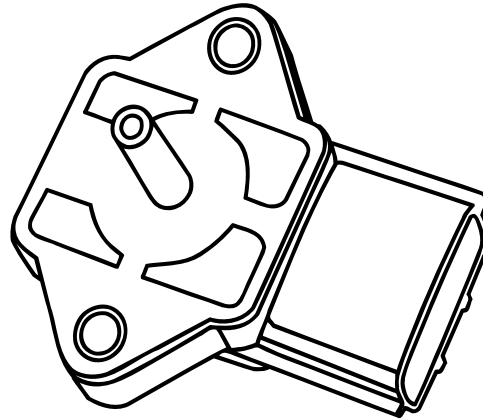
Improper operation of EGR system, pinging, driveability problems.

## MAINTENANCE/SERVICE

Check hose to sensor for clogs or cracks.  
Check for proper sensor signal.

## LOCATION

On engine or fire wall.



YEAR	ENGINE	MODEL/FOOTNOTES	TYPE	OE #	PART #
<b>FORD</b>					
<b>4 CYL.</b>					
1997	2.0L (A) 121"	Probe	Boost/Map	FSB8-18-211	18086
<b>6 CYL.</b>					
1997-1996	2.5L (B) 153'	Probe	Boost/Map	Z501-18-211	18077
<b>KIA</b>					
<b>4 CYL.</b>					
1997-1996	1.6L (3,4) 97"	Sephia	Boost/Baro	MJEA7-18-211	18087
1997	1.8L (5) 110"	Sephia	Boost/Baro	MZ5A6-18-211	18088
1996-1995	1.8L (5) 110"	Sephia	Boost/Baro	MZ501-18-211	18089
<b>MAZDA</b>					
<b>4 CYL.</b>					
1998-1997	1.5L (1) 91"	Protégé (From 7/96 To 6/98)	Boost/Map	Z5A6-18-211A	18085
1996-1995	1.5L (1) 91"	Protégé (From 4/94 To 7/96)	Boost/Map	Z501-18-211	18077
1999-1998	1.6L (2) 97"	Protégé (From 6/98)	Boost/Map	KL47-18-211A	18084
1999	1.8L (3) 113"	Miata (From 11/97)	Boost/Map	BP4W-18-211	18083
1999-1998	1.8L (2) 113"	Protégé (From 6/98)	Boost/Map	KL47-18-211A	18084
1998-1997	1.8L (2) 113"	Protégé (From 7/96 To 6/98)	Boost/Map	Z5A6-18-211A	18085
1997-1996	1.8L (3) 113"	Miata (From 7/96 To 11/97)	Boost/Map	BPS1-18-211	18078
1996-1995	1.8L (2) 113"	Protégé (From 4/94 To 7/96)	Boost/Map	Z501-18-211	18077
1998-1997	2.0L (C) 122"	626 (From 8/97)	Boost/Map	KL47-18-211,A	18084
1997-1996	2.0L (C) 122"	MX6, 626	Boost/Map	FSB8-18-211	18086

**EGR BOOST SENSORS**

YEAR	ENGINE	MODEL/FOOTNOTES	TYPE	OE #	PART #
<b>MAZDA (Cont'd)</b>					
<b>6 CYL.</b>					
1999-1995	2.3L (2) 140"	Millenia (From 8/95)	Boost/Map	KJ01-18-211A	18079
1999-1997	2.5L (1) 152"	Millenia (Incl Bracket w/Solenoid)	Boost/Map	KL47-18-215,A,B,C	18081
1999-1997	2.5L (1) 152"	Millenia (w/o Bracket & Solenoid)	Boost/Map	KL47-18-211,A	18084
1998-1997	2.5L (D) 152"	626 (From 8/97)	Boost/Map	KL47-18-211,A	18084
1997-1996	2.5L (D) 152"	626, MX6	Boost/Map	Z501-18-211	18077
1996	2.5L (1) 152"	Millenia	Boost/Map	KLG8-18-215	18080
1995	2.5L (1) 152"	Millenia (Incl Bracket w/Solenoid)	Boost/Map	KL47-18-215,A,B,C	18081

**OEM INTERCHANGES**

**NUMERICAL LIST**

OEM#	PART#	OEM#	PART#	PART#	APPLICATION & YEAR	FIG#
<b>FORD</b>		<b>MAZDA</b>		18077	FORD 96-97,MAZDA 95-97 .....	3
FSB8-18-211	18086	BP4W-18-211	18083	18078	MAZDA 96-97 .....	4
Z501-18-211	18077	BPS1-18-211	18078	18079	MAZDA 95-99 .....	5
<b>KIA</b>		FSB8-18-211	18086	18080	MAZDA 96 .....	11
MJEA7-18-211	18087	KJO1-18-211A	18079	18081	MAZDA 95,97-99 .....	6
MZ501-18-211	18089	KL47-18-211	18084	18083	MAZDA 99 .....	7
MZ5A6-18-211	18088	KL47-18-211A	18084	18084	MAZDA 97-99 .....	8
		KL47-18-215	18081	18085	MAZDA 97-98 .....	10
		KL47-18-215A	18081	18086	FORD 97,MAZDA 96-97 .....	9
		KL47-18-215B	18081	18087	KIA 96-97 .....	1
		KL47-18-215C	18081	18088	KIA 97 .....	2
		KLG8-18-215	18080	18089	KIA 95-96 .....	3
		Z501-18-211	18077			
		Z5A6-18-211A	18085			

**EGR BOOST SENSORS**

**ILLUSTRATED PARTS GUIDE**



FIG. 1



FIG. 2

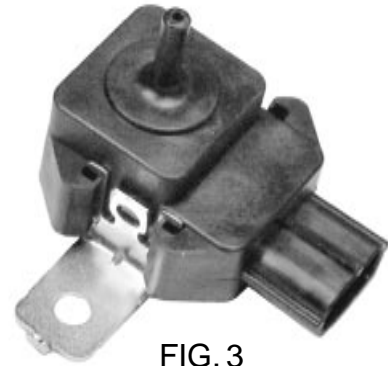


FIG. 3

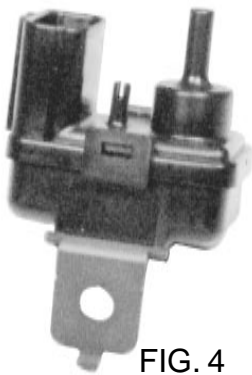


FIG. 4



FIG. 5



FIG. 6



FIG. 7



FIG. 8



FIG. 9



FIG. 10



FIG. 11