

Component Procedures: Oxygen Sensor

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Component Procedures: Oxygen Sensor

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Oxygen Sensor > Federal > Fr?	LFL7188G1C	Oxygen Sensor	549.36	
Oxygen Sensor > Federal > Re?	L32D18861B	Oxygen Sensor	206.89	
Oxygen Sensor > California > ?	LF63188G1B9U	Oxygen Sensor	335.31	
Oxygen Sensor > California > ?	L32F18861A	Oxygen Sensor	321.96	
Oxygen Sensor > California > ?	LF6918861D9U	Oxygen Sensor	281.88	

Labor

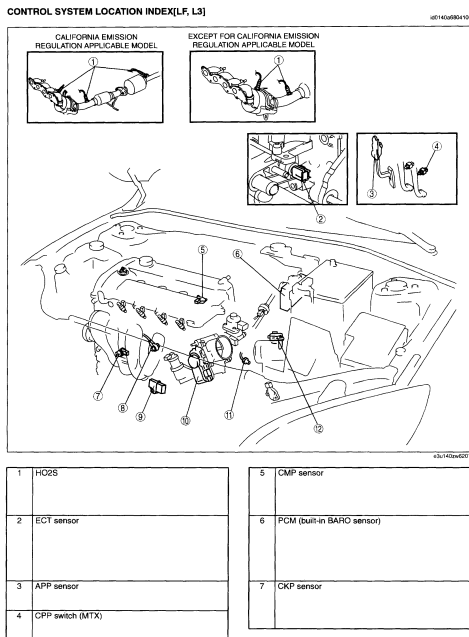
Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	Oxygen Sensor > Front > One or Two	B	0.6	0.5
Replace	Oxygen Sensor > Front > Three to Four	B	0.7	0.6
Replace	Oxygen Sensor > Rear	B	0.5	0.3

Electrical (OE) (itype_21)

For information regarding diagrams for this component, please refer to Powertrain Management diagrams.

See: Powertrain Management > Electrical > Wiring Diagram Index

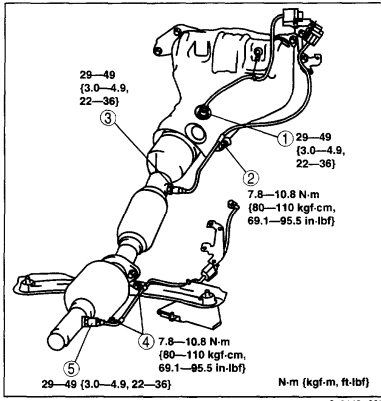
Components (itype_32)



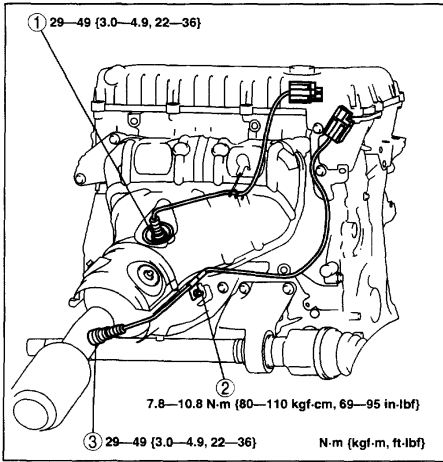
8	KS
9	MAP sensor
10	TP sensor

11	Neutral switch (MTX)
12	MAF/IAT sensor

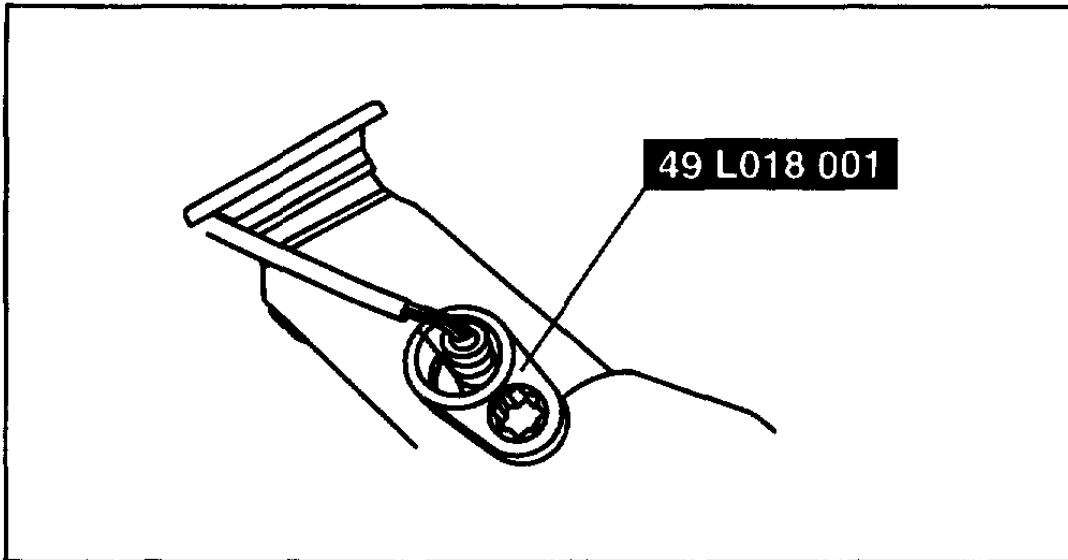
Removal and Replacement (itype_401)



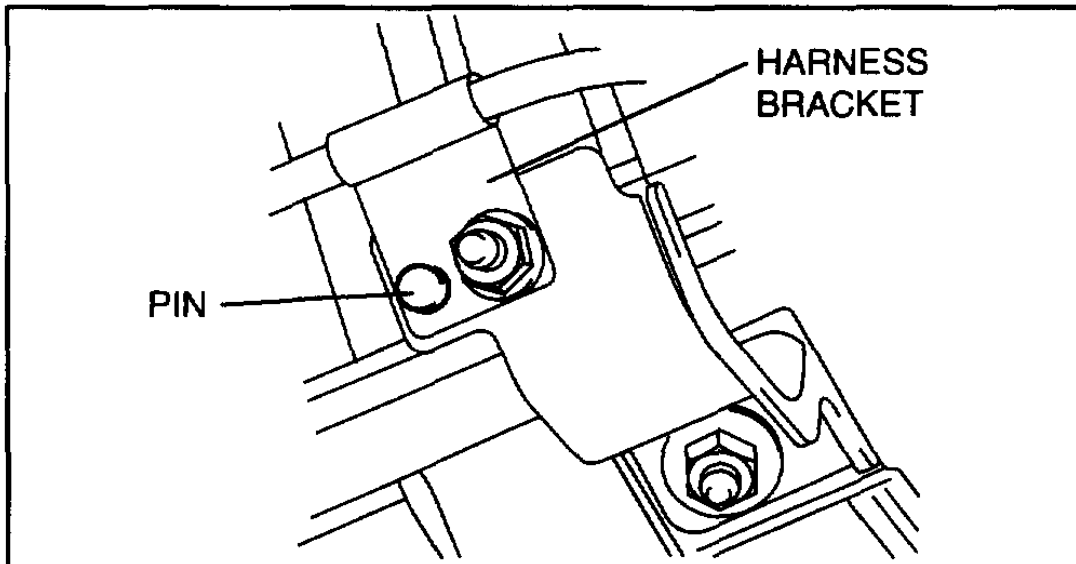
1	Front HO2S
2	Wiring harness bracket
3	Middle HO2S
4	Wiring harness bracket
5	Rear HO2S



1	Front HO2S
2	Wiring harness bracket
3	Rear HO2S



A6J3914W002



B3E0140W016

All Technical Service Bulletins (itype_100)

Tsbs

- Engine Controls - Oxygen Sensor Removal Precautions (0100315, 2015/02/27)
- Engine Controls - MIL ON/DTC's P0131/P2251 (0101510, 2010/02/15)

Customer Interest Bulletins (itype_109)

Tsbs

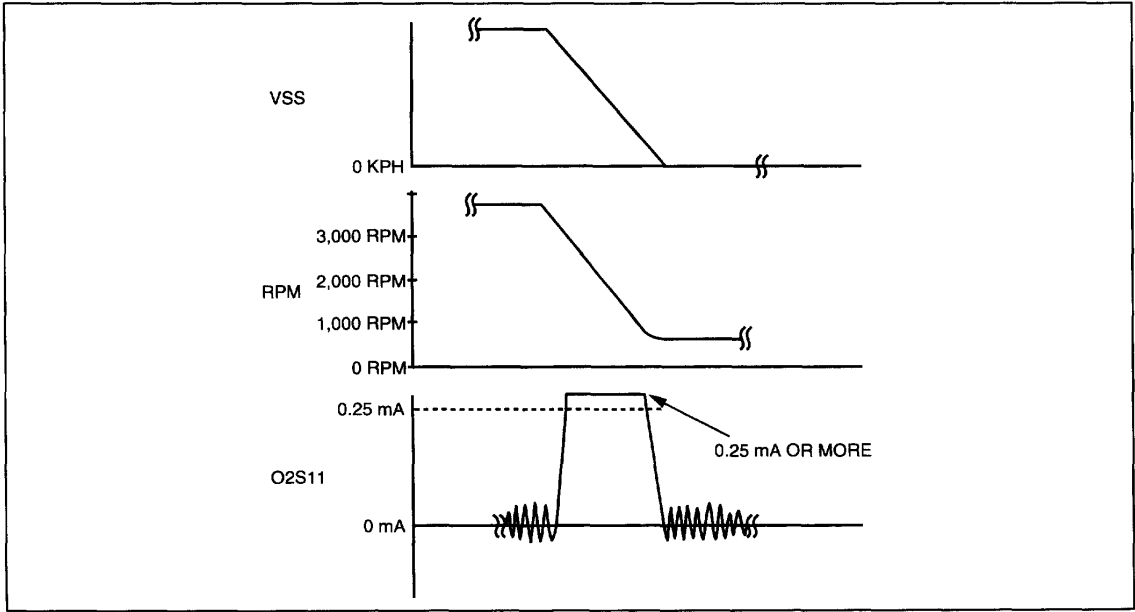
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Repair Tips (itype_110)

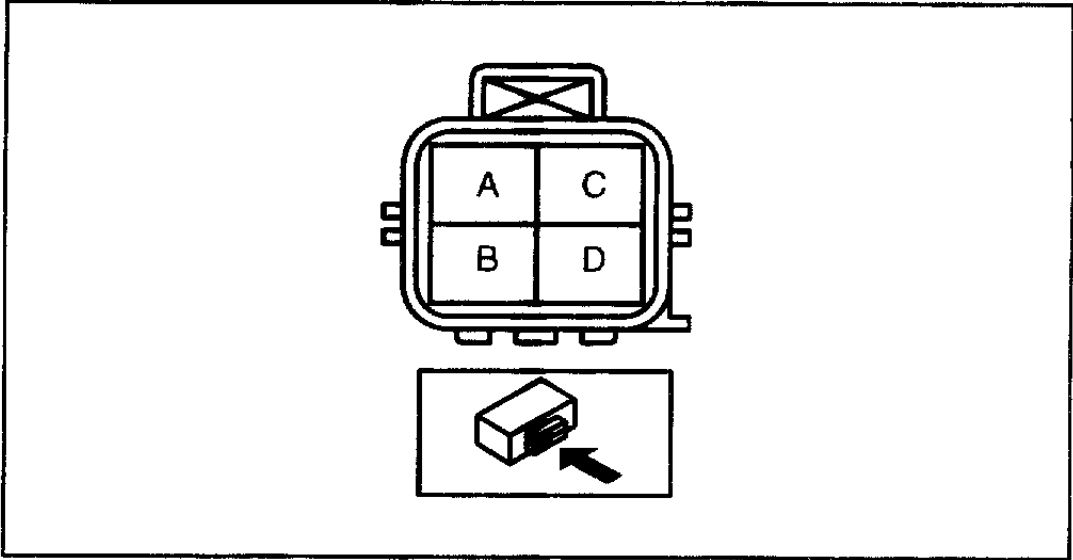
Tsbs

- Engine Controls - Oxygen Sensor Removal Precautions (0100315, 2015/02/27)

Component Tests and General Diagnostics (itype_383)

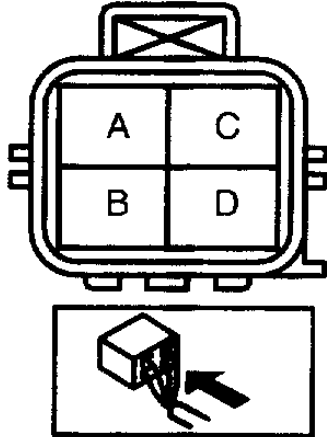


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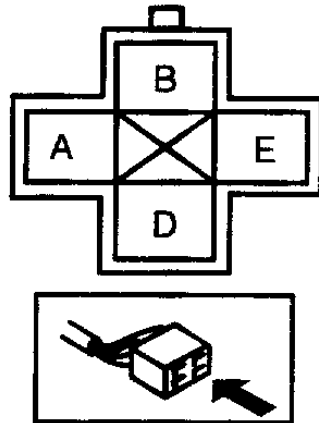
e3u140zw6206

FRONT HO2S
HARNESS SIDE CONNECTOR



e3u140zw6207

MAIN RELAY



e3u140zw6993

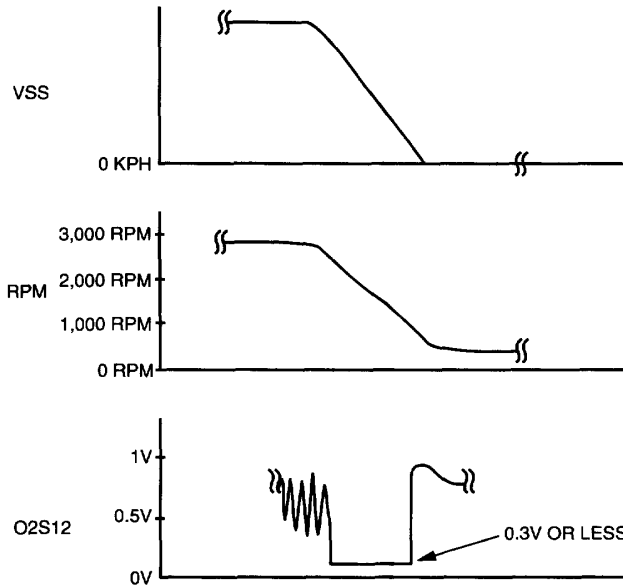
PCM HARNESS SIDE CONNECTOR

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2BF	2BB	2AX	2AT	2AP	2AL	2AH	2AD	2Z	2V	2R	2N	2J	2F	2B

2BG	2BC	2AY	2AU	2AQ	2AM	2AI	2AE	2AA	2W	2S	2O	2K	2G	2C
2BH	2BD	2AZ	2AV	2AR	2AN	2AJ	2AF	2AB	2X	2T	2P	2L	2H	2D

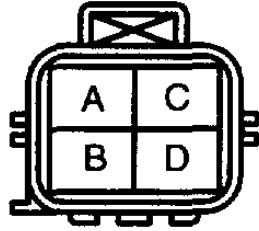


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c3u0140w021

MIDDLE/REAR HO2S
HARNESS SIDE CONNECTOR



e3u140zw6208

PCM
HARNESS SIDE CONNECTOR

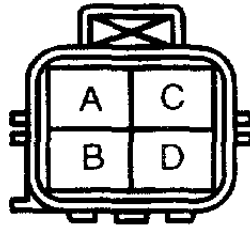
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2BF	2BB	2AX	2AT	2AP	2AL	2AH	2AD	2Z	2V	2R	2N	2J	2F	2B

2BG	2BC	2AY	2AU	2AQ	2AM	2AI	2AE	2AA	2W	2S	2O	2K	2G	2C
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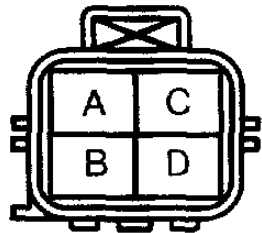
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MIDDLE/REAR HO2S
HARNES SIDE CONNECTOR



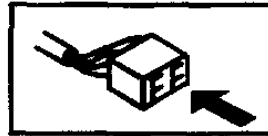
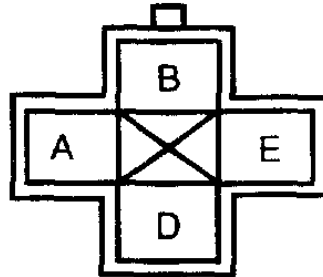
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MIDDLE/REAR HO2S
HARNES SIDE CONNECTOR



e3u140zw6208

MAIN RELAY



e3u140zw6993

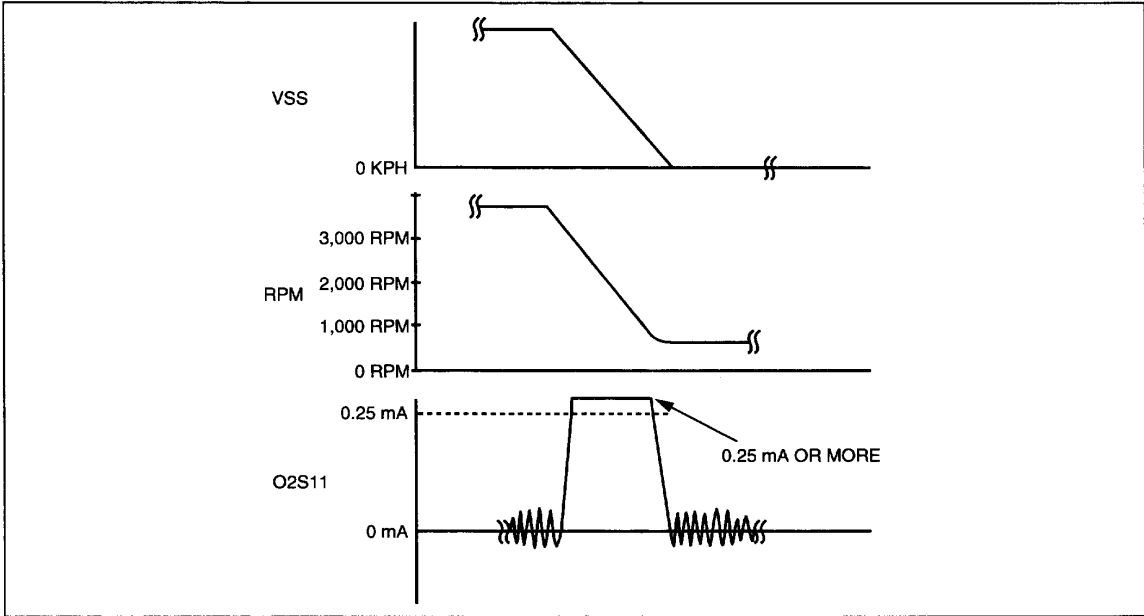
PCM HARNESS SIDE CONNECTOR

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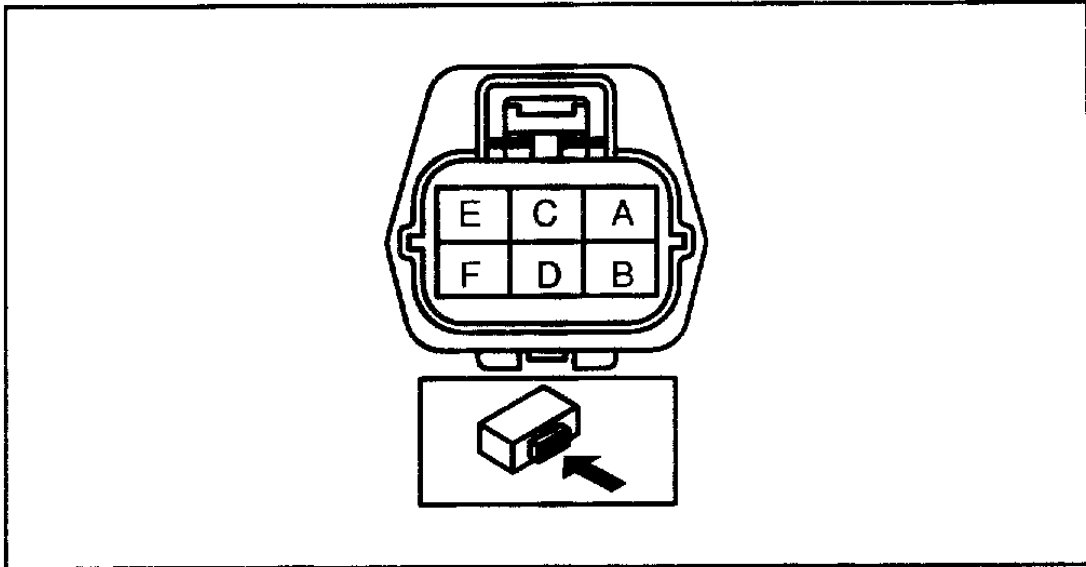
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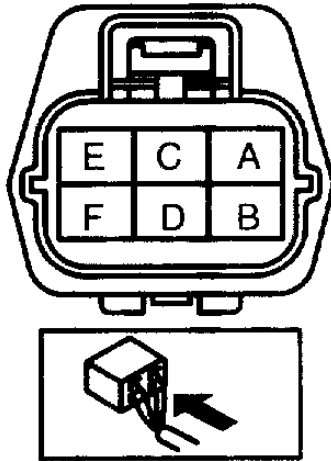


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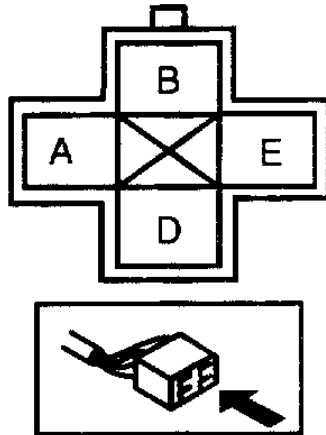
e3u140zw6212

FRONT HO2S
HARNESS SIDE CONNECTOR



e3u140zw6211

MAIN RELAY



e3u140zw6993

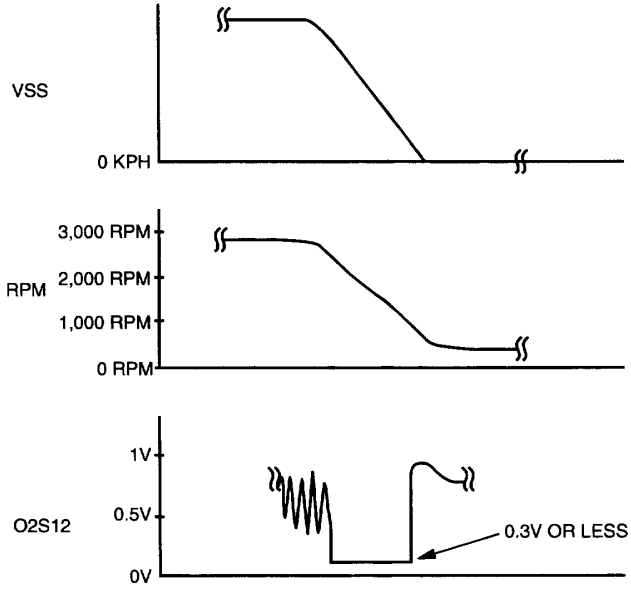
PCM HARNESS SIDE CONNECTOR

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2BF	2BB	2AX	2AT	2AP	2AL	2AH	2AD	2Z	2V	2R	2N	2J	2F	2B

2BG	2BC	2AY	2AU	2AQ	2AM	2AI	2AE	2AA	2W	2S	2O	2K	2G	2C
2BH	2BD	2AZ	2AV	2AR	2AN	2AJ	2AF	2AB	2X	2T	2P	2L	2H	2D

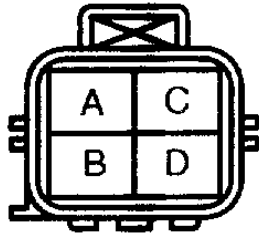


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c3u0140w021

REAR HO2S
HARNESS SIDE CONNECTOR



e3u140zw6209

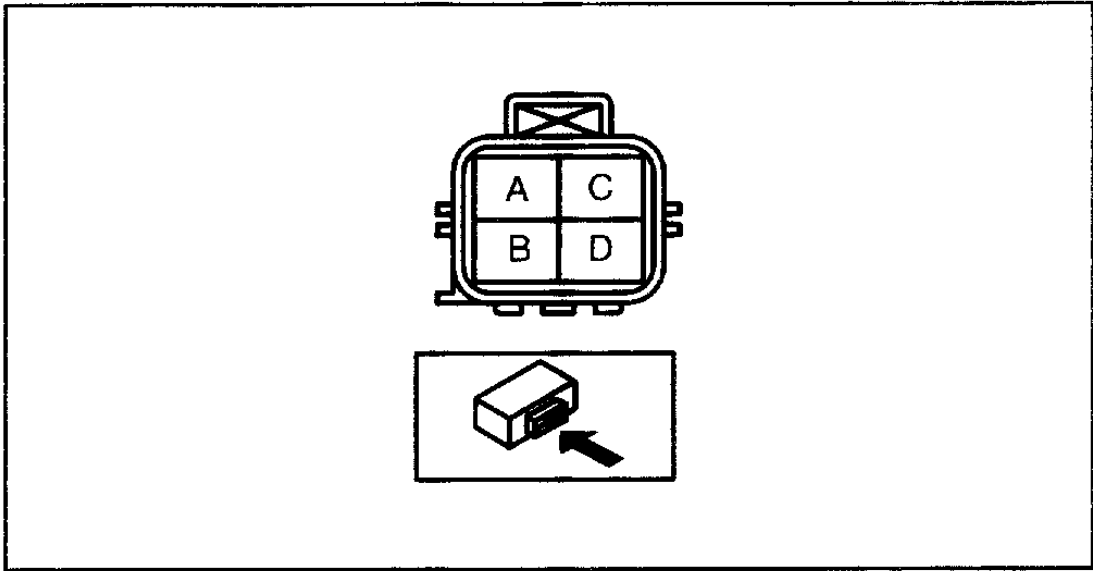
PCM
HARNESS SIDE CONNECTOR

2BE	2BA	2AW	2AS	2AO	2AK	2AG	2AC	2Y	2U	2Q	2M	2I	2E	2A
2BF	2BB	2AX	2AT	2AP	2AL	2AH	2AD	2Z	2V	2R	2N	2J	2F	2B

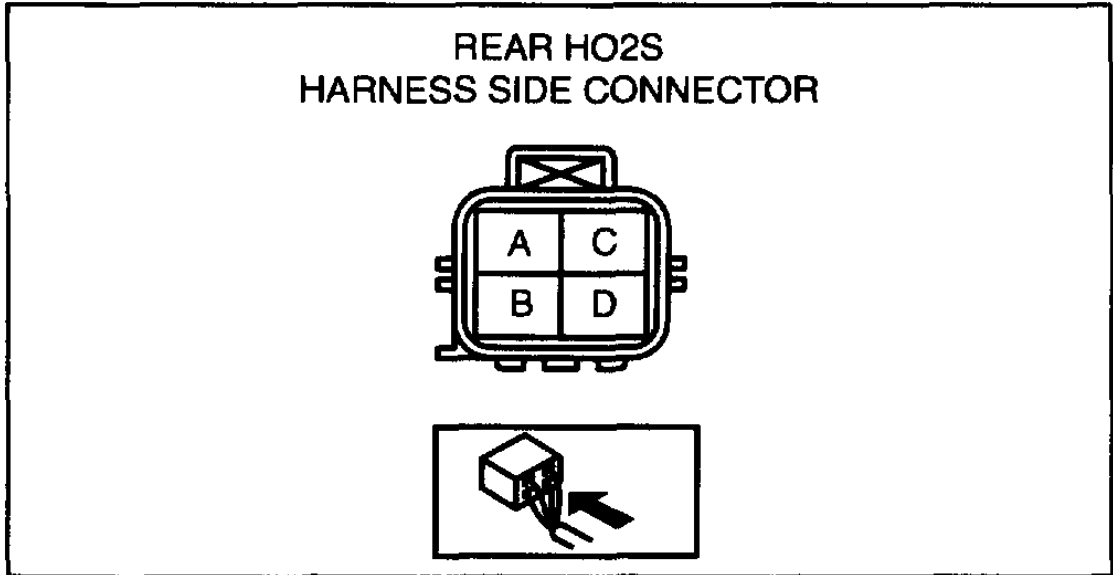
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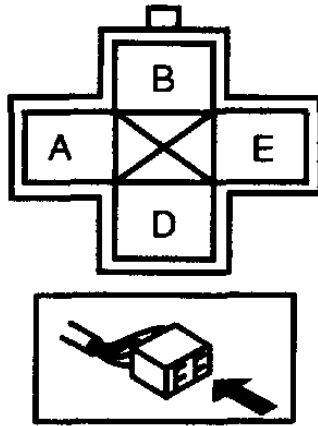


e3u140zw6210



e3u140zw6209

MAIN RELAY



e3u140zw6993

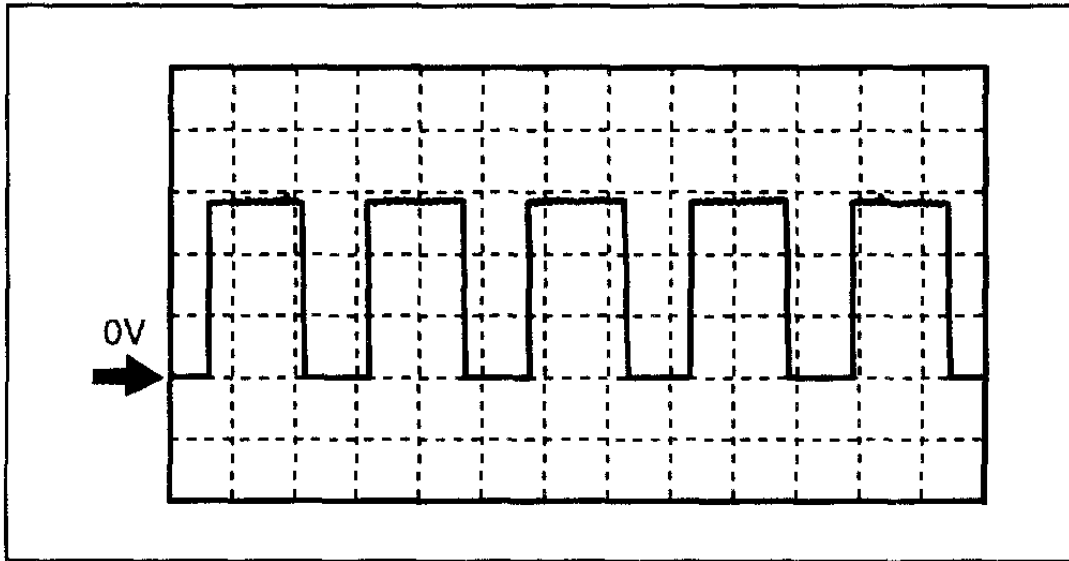
PCM HARNESS SIDE CONNECTOR

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2BF	2BB	2AX	2AT	2AP	2AL	2AH	2AD	2Z	2V	2R	2N	2J	2F	2B
—————							—————							
2BG	2BC	2AY	2AU	2AQ	2AM	2AI	2AE	2AA	2W	2S	2O	2K	2G	2C
2BH	2BD	2AZ	2AV	2AR	2AN	2AJ	2AF	2AB	2X	2T	2P	2L	2H	2D

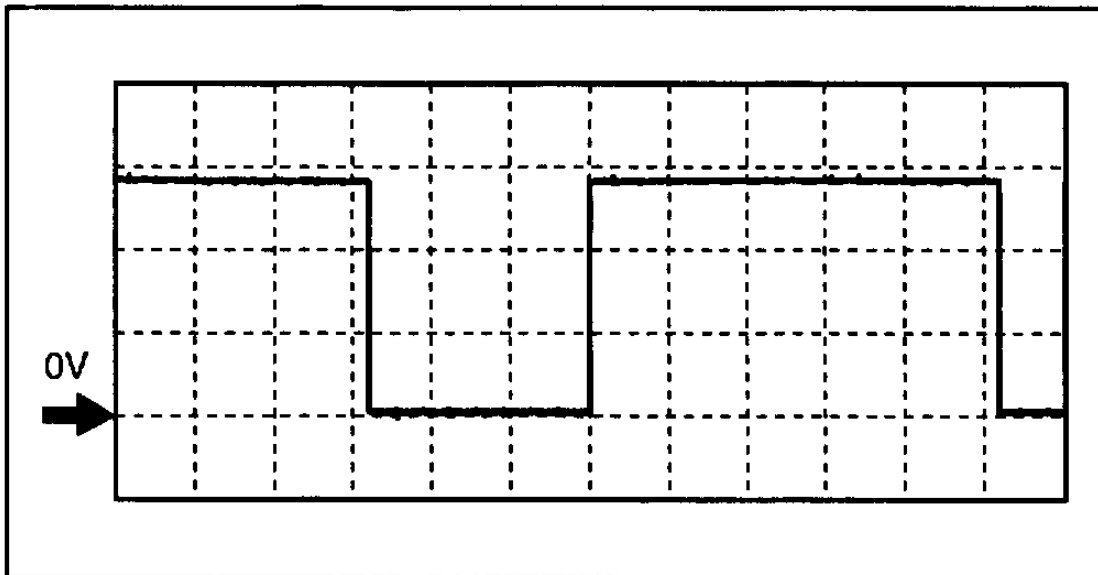


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Oscilloscope Patterns and Waveforms (itype_48)



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Abnormal wear/deterioration (itype_122)

Tsbs

- Engine Controls - MIL ON/DTC's P0131/P2251 (0101510, 2010/02/15)