

**System :****Software version : IDS-60.14****Select Option****Hold (saves recordings).****Complete (deletes recordings).****Delete (deletes session).****Vehicle: MAZDA6 (North America / General)****Engine Type: L3\_T****Capacity: 2.3L****(PATS): Equipped****Transmission: Manual****Transaxle Type: (4WD) / (AWD)****(VIN): #####61100803****Strategy : SW-L3****Filename : SW-L38JEH000****Module Part Number : L38JH****ABS Part Number = \_\_DA****Standard Equipment Modules - Pass - ABS****GEM Part Number = \_\_****Standard Equipment Modules - Pass - GEM****IC Part Number = \_\_AA****Standard Equipment Modules - Pass - IC****RKE Part Number = \_\_AA****Optional equipment Modules - Pass - RKE****PCM Part Number = L38JH****PCM\_FILENAME = SW-L38JEH000****Standard Equipment Modules - Pass - PCM****RCM Part Number = \_14B056\_AB****Standard Equipment Modules - Pass - RCM****U1900 - FF ✕****U2023 - FF ✕****P0300 - FF****U0121 - FF ✕****Select Option****Hold (saves recordings).****Complete (deletes recordings).****Delete (deletes session).****Vehicle: MAZDA6 (North America / General)****Engine Type: L3\_T****Capacity: 2.3L****(PATS): Equipped****Transmission: Manual****Transaxle Type: (4WD) / (AWD)****(VIN): JM1GG12L761100803****Self Test - Start - 6/8/2009 - 10:42:26 AM****(PCM) (CMDTCs)****P0300 - FF - (PCM)****U0121 - FF - (PCM)****Freeze Frame - Mode 2**

**Freeze Frame - Mode 2**

P0300 - (PCM)

(FUELSYS1) : Closed Loop

(FUELSYS2) : -----

(LOAD) : 14.9%

(ECT) : 183.2°F

(SFT1) : 0%

(LFT1) : 4.69%

(MAP) : 7.105psi

(RPM) : 3630RPM

(VS) : 31.075MPH

(SPARKADV) : 42.5°

(IAT) : 91.4°F

(MAF) : 27g/s

(TP) : 22.7%

(RUNTM) : 00:06:46

(FRP) : 1129.55psi

(EGRPCT) : 34.9%

(EVAPPCT) : 68.2%

(FLI) : 16.5%

(WARMUPS) : 231

(CLRDIST) : 5523.357mi

(BARO) : 14.5psi

(CATTEMP11) : 1.317k°F

(VPWR) : 13.6V

(ALV) : 34.5%

(EQ\_RAT) : 14.7:1

(TP\_REL) : 13.7%

(AAT) : 91.4°F

(TP\_B) : 22.4%

(APP\_D) : 35.7%

(APP\_E) : 24.3%

(TAC\_PCT) : 16.5%

**Freeze Frame - Mode 12**

P0300 - (PCM)

(FUELSYS1) : Closed Loop

(FUELSYS2) :

(LOAD) : 14.9%

(ECT) : 183.2°F

(SFT1) : 0%

(LFT1) : 4.69%

(MAP) : 7.105psi

(RPM) : 3630RPM

(VS) : 31.075MPH

(SPARKADV) : 42.5°

(IAT) : 91.4°F

(MAF) : 27g/s

(TP) : 22.7%

(RUNTM) : 06:46

(FRP) : 1129.55psi

(EGRPCT) : 34.9%

(EGRPCT) : 34.9%  
(EVAPPCT) : 68.2%  
(FLI) : 16.5%  
(WARMUPS) : 231  
(CLRDIST) : 5523.357mi  
(BARO) : 14.5psi  
(CATTEMP11) : 1.317k°F  
(VPWR) : 13.6V  
(ALV) : 34.5%  
(EQ\_RAT) : 14.7:1  
(TP\_REL) : 13.7%  
(AAT) : 91.4°F  
(TP\_B) : 22.4%  
(APP\_D) : 35.7%  
(APP\_E) : 24.3%  
(TAC\_PCT) : 16.5%  
P2188 - (PCM) - Pending  
(FUELSYS1) : Closed Loop  
(FUELSYS2) :  
(LOAD) : 16.5%  
(ECT) : 190.4°F  
(SFT1) : -25%  
(LFT1) : 6.25%  
(MAP) : 5.22psi  
(RPM) : 1100RPM  
(VS) : 0MPH  
(SPARKADV) : -13.5°  
(IAT) : 118.4°F  
(MAF) : 3g/s  
(TP) : 12.5%  
(RUNTM) : 01:58  
(FRP) : 539.4psi  
(EGRPCT) : 0%  
(EVAPPCT) : 0%  
(FLI) : 52.5%  
(WARMUPS) : 145  
(CLRDIST) : 3653.244mi  
(BARO) : 14.645psi  
(CATTEMP11) : 924.8°F  
(VPWR) : 12.7V  
(ALV) : 12.9%  
(EQ\_RAT) : 14.7:1  
(TP\_REL) : 3.53%  
(AAT) : 118.4°F  
(TP\_B) : 12.2%  
(APP\_D) : 31.8%  
(APP\_E) : 20.4%  
(TAC\_PCT) : 3.92%

*sys too rich @ idle*

Select Option

EXIT

**DataLogger - Start - 6/8/2009 - 10:47:06 AM**

**10:47AM, Monday, June 08, 2009**

**Datalogger: selected PCM**

**Mode 6 Test. - Start - 6/8/2009 - 10:54:03 AM**

**10:54 AM, Monday, June 08, 2009**

**Vehicle: MAZDA6 (North America / General)**

**Engine Type: L3\_T**

**Capacity: 2.3L**

**(PATS): Equipped**

**Transmission: Manual**

**Emission level: California Emission**

**Transaxle Type: (4WD) / (AWD)**

**(VIN): JM1GG12L761100803**

**Module Programming - Start - 6/8/2009 - 10:57:03 AM**

**Module Programming - Exit - 6/8/2009 - 10:57:21 AM**

**Vehicle: MAZDA6 (North America / General)**

**Engine Type: L3\_T**

**Capacity: 2.3L**

**(PATS): Equipped**

**Transmission: Manual**

**Emission level: California Emission**

**Transaxle Type: (4WD) / (AWD)**

**(VIN): JM1GG12L761100803**

**DataLogger - Exit - 6/8/2009 - 10:57:37 AM**

**Vehicle: MAZDA6 (North America / General)**

**Engine Type: L3\_T**

**Capacity: 2.3L**

**(PATS): Equipped**

**Transmission: Manual**

**Emission level: California Emission**

**Transaxle Type: (4WD) / (AWD)**

**(VIN): JM1GG12L761100803**

**(PCM) (CMDTCs)**

**Pass - (PCM)**

**Cleared (CMDTCs)**

**P0300 - FF - (PCM)**

**U0121 - FF - (PCM)**

**Select Option**

**EXIT**

**Vehicle: MAZDA6 (North America / General)**

**Engine Type: L3\_T**

**Capacity: 2.3L**

**(PATS): Equipped**

**Transmission: Manual**

**Emission level: California Emission**

**Transaxle Type: (4WD) / (AWD)**

**(VIN): JM1GG12L761100803**





Description	OBDMID	Test ID	Min	Max	Value
Phase 1 Excessive Vacuum Limit (Pa)					
<b>EVAP monitor (0.040 inch)</b>	<b>3B</b>				
Evap Monitor 0.040 inch Leak Check (mA): Phase 2 0.040 inch Leak Check Vacuum Bleedup and Maximum 0.040 inch Leak Threshold (Pa)	<b>3B</b>	<b>80</b>	2.480mA	255.996mA	2.484mA
<b>EVAP monitor (0.020 inch)</b>	<b>3C</b>				
EVAP Monitor 0.020 inch Leak Check (no unit): Phase 2 0.020 inch Leak Check Vacuum Bleedup and Maximum Leak Threshold (Pa)	<b>3C</b>	<b>80</b>	0.035	1.998	0.084
Purge flow monitor	<b>3D</b>				
Purge Flow Monitor (mA): Blocked Evap System Line - Screening Test (Pa per second)	<b>3D</b>	<b>80</b>	0mA	15.804mA	15.781mA
Misfire Cylinder 1 Data	<b>A2</b>				
<b>EWMA</b> misfire counts for last 10 driving cycles	<b>A2</b>	<b>B</b>	0counts	65535counts	1counts
Misfire counts for last/current driving cycles	<b>A2</b>	<b>C</b>	0counts	65535counts	0counts
Misfire Cylinder 2 Data	<b>A3</b>				
<b>EWMA</b> misfire counts for last 10 driving cycles	<b>A3</b>	<b>B</b>	0counts	65535counts	3counts

Complete



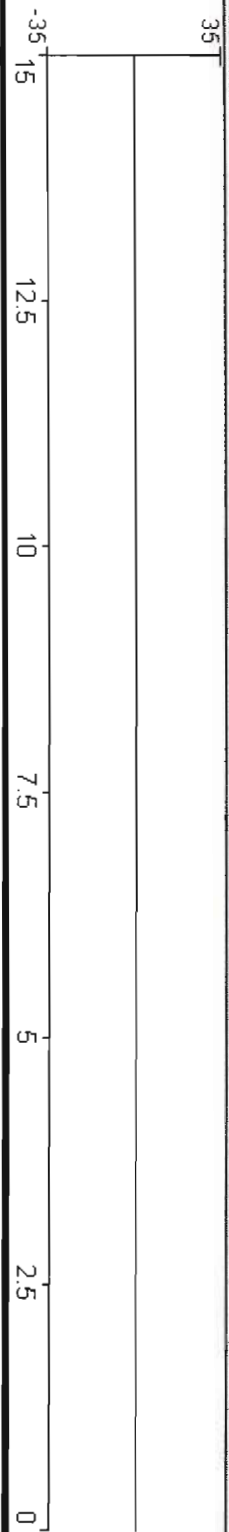
## Description

Description	OBD/MID	Test ID	Min	Max	Value
Misfire Cylinder 1 Data	A2				
EWMA misfire counts for last 10 driving cycles	A2	B	0counts	65535counts	1counts
Misfire counts for last/current driving cycles	A2	C	0counts	65535counts	0counts
Misfire Cylinder 2 Data	A3				
EWMA misfire counts for last 10 driving cycles	A3	B	0counts	65535counts	3counts
Misfire counts for last/current driving cycles	A3	C	0counts	65535counts	1counts
Misfire Cylinder 3 Data	A4				
EWMA misfire counts for last 10 driving cycles	A4	B	0counts	65535counts	2counts
Misfire counts for last/current driving cycles	A4	C	0counts	65535counts	0counts
Misfire Cylinder 4 Data	A5				
EWMA misfire counts for last 10 driving cycles	A5	B	0counts	65535counts	1counts
Misfire counts for last/current driving cycles	A5	C	0counts	65535counts	0counts
Thermostat Monitor	E1				
Radiation ratio	E1	80	0	39.999	0
Engine coolant temperature	E1	81	71°C	6513°C	71°C

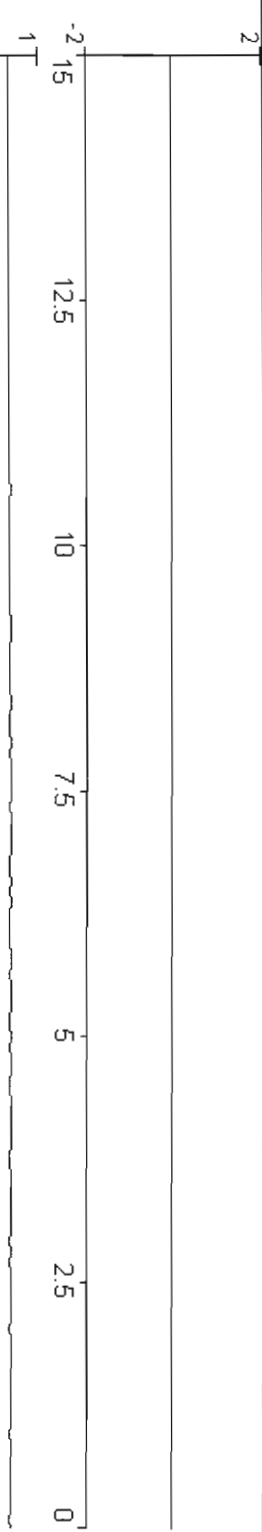
Complete



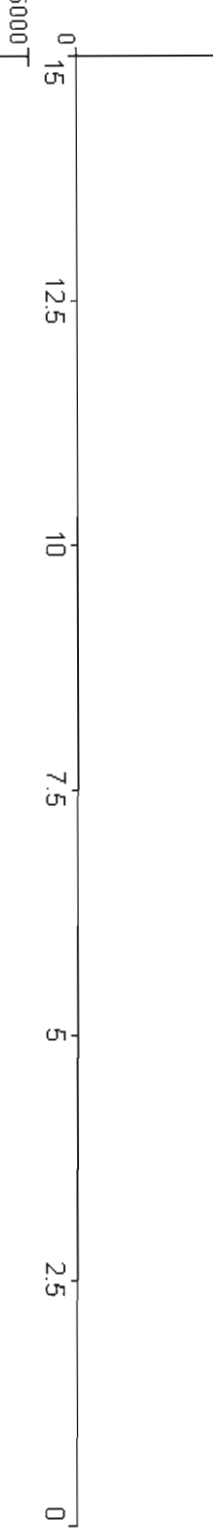
LONGFT1 -0.78%



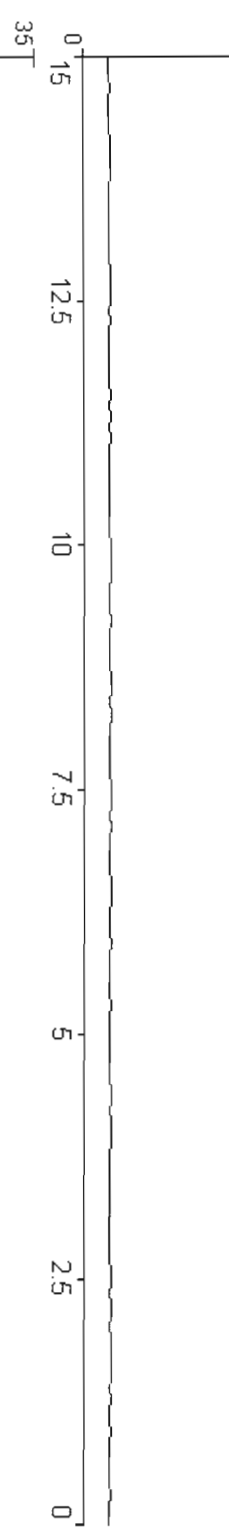
O2S11 -63.00mA



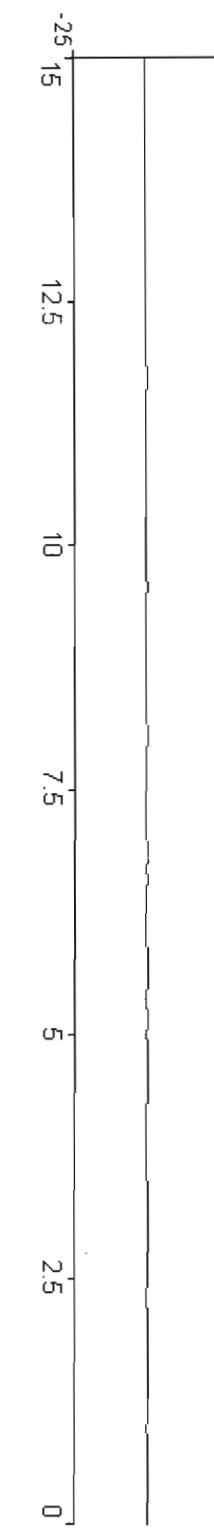
O2S12 0.84V



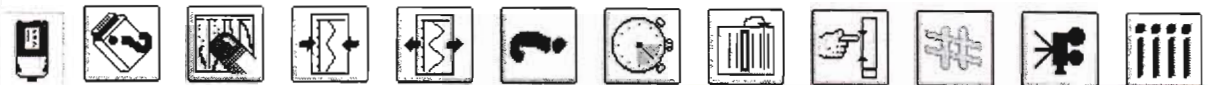
RPM 695.00RPM



SHRTFT1 0.00%

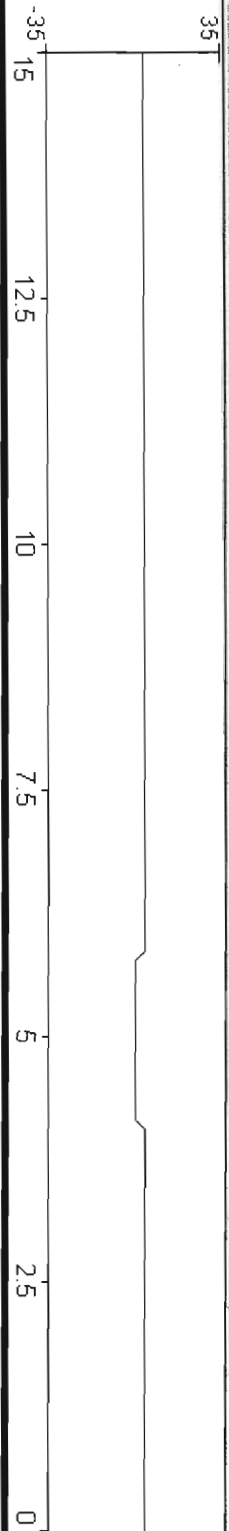


Long term fuel trim 1

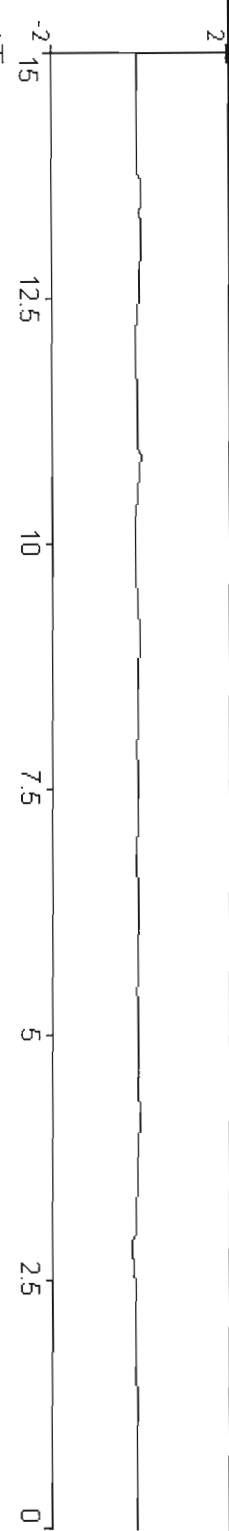




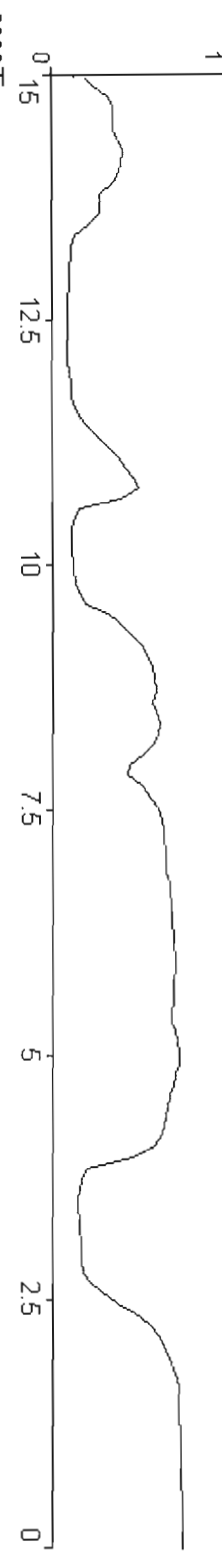
LONGFT1 3.90%



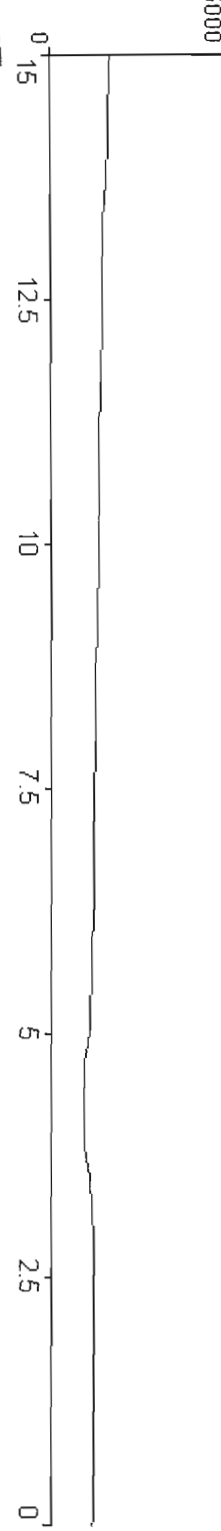
O2S11 .63.00uA



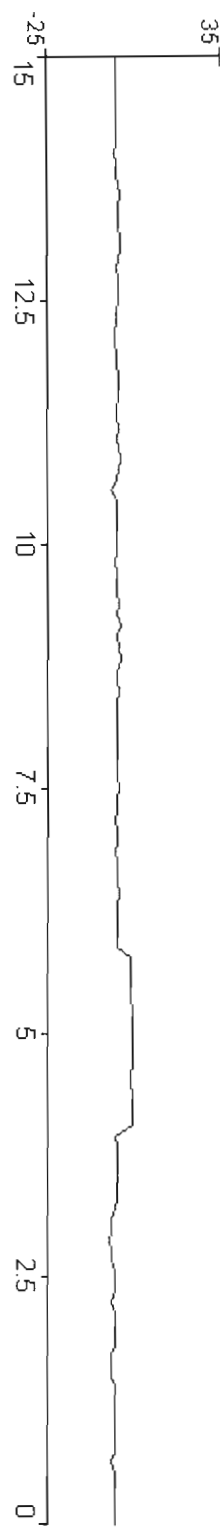
O2S12 0.76V



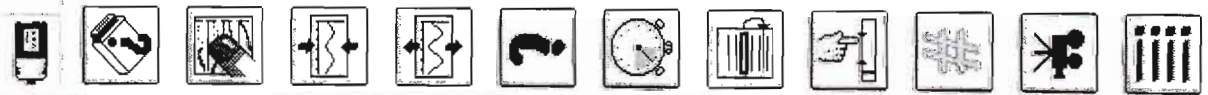
RPM 1118.00RPM



SHRFT1 -2.34%

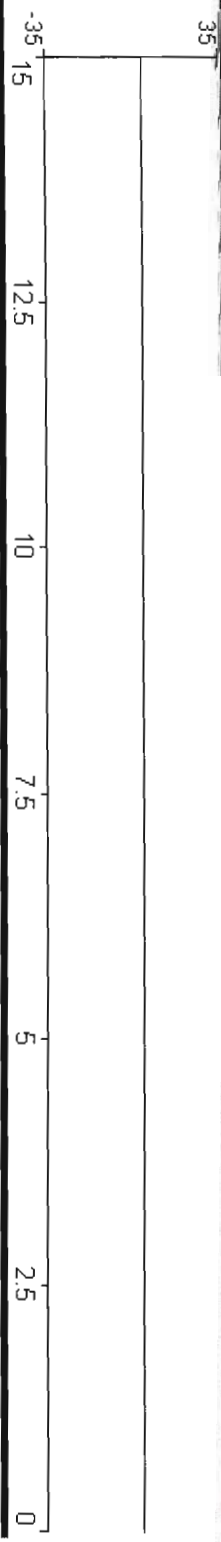


Long term fuel trim 1

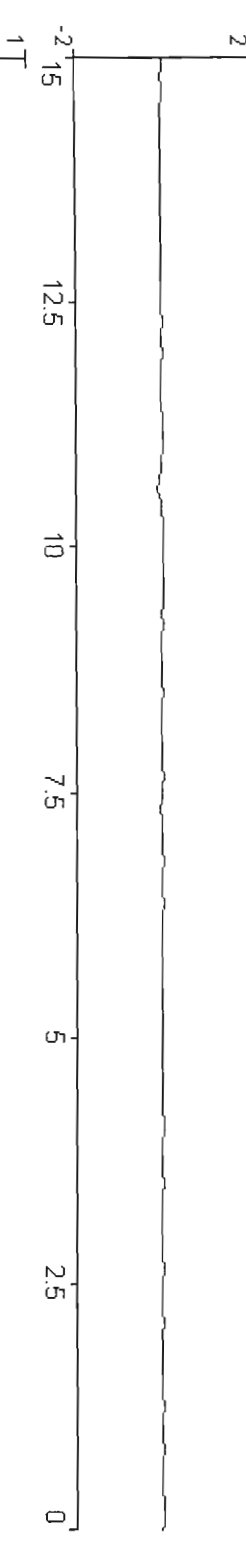




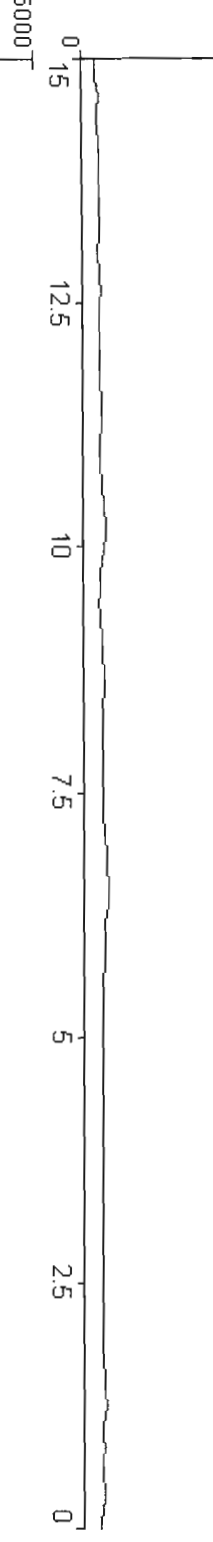
LONGFT1 3.90%



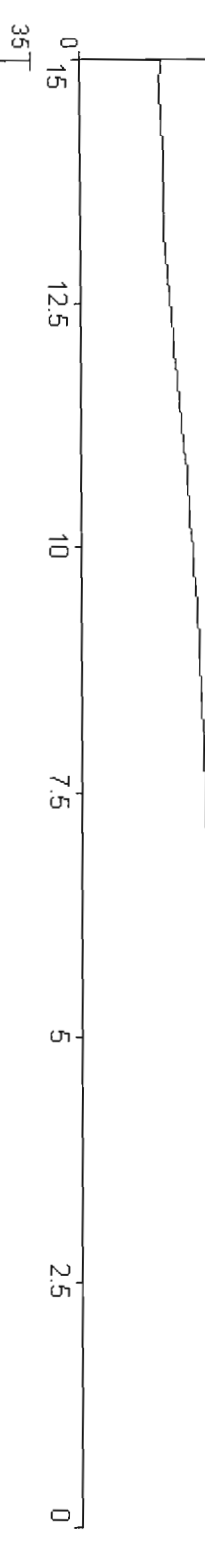
02S11 -03.00uA



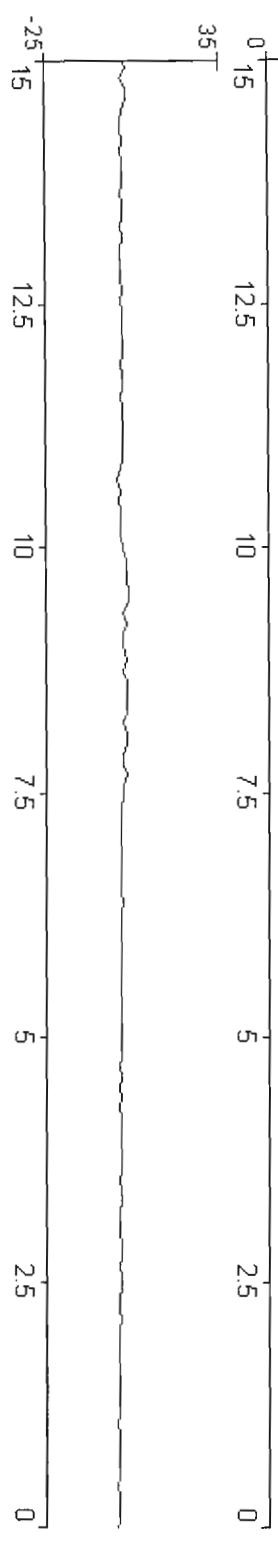
02S12 0.09V



RPM 3658.50RPM



SHRFT1 -0.78%

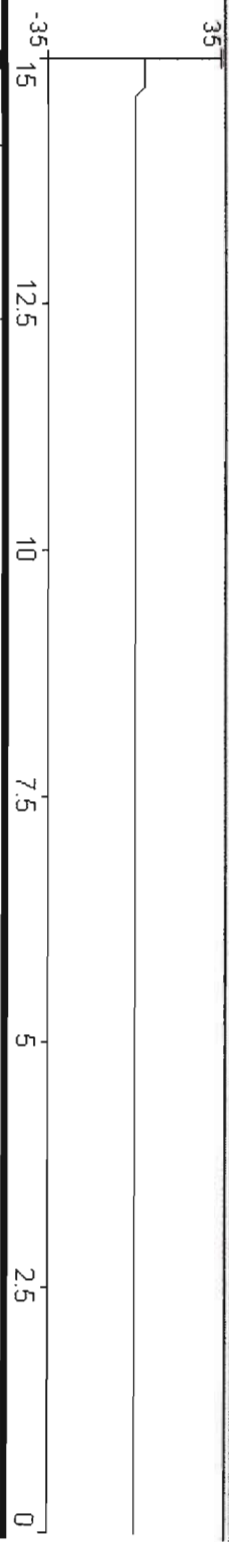


Long term fuel trim 1

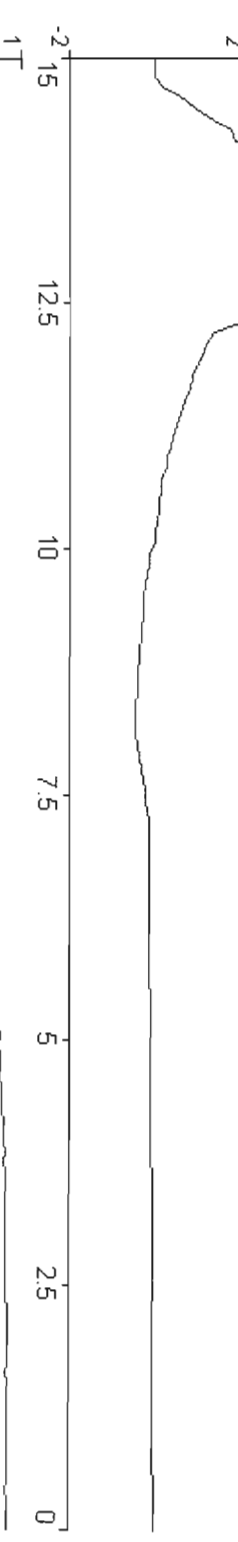




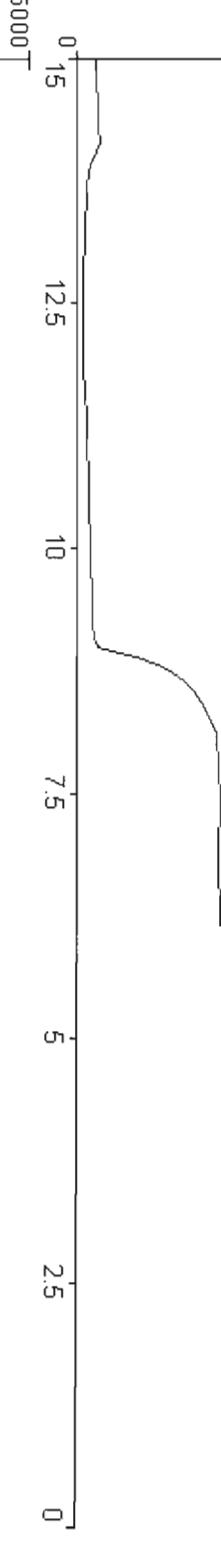
LONGFT1 0.78%



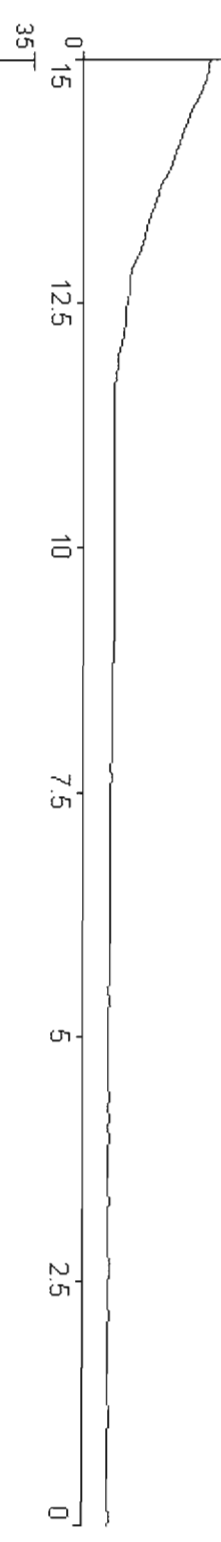
O2S11 -86.00uA



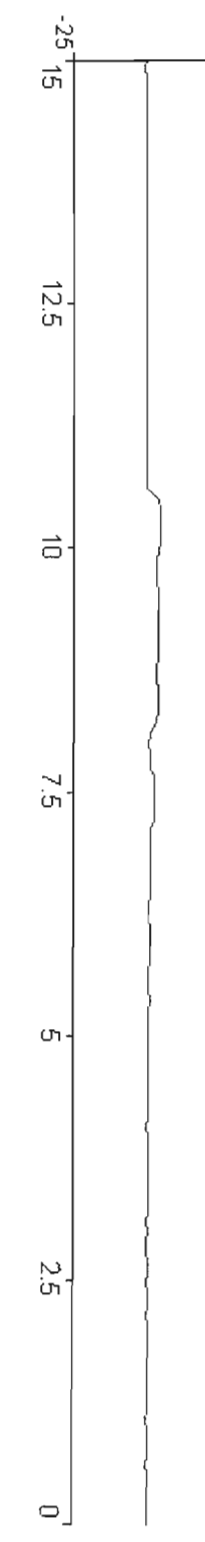
O2S12 0.92V



RPM 700.00RPM



SHRTFT1 0.78%



Long term fuel trim 1



Select Option

Powertrain Control Module

**PCM CMDTCS**

**P0300 - FF - PCM**

U0121 - FF - PCM

**Freeze Frame - Mode 2**

P0300 - PCM

**Freeze Frame - Mode 12**

P0300 - PCM

P2188 - PCM - Pending

**Description - P0300**

Random Misfire Detected

**Status - FF**

No Status Available for this DTC



start

IDS