

REPORT NO. 124-KAR-03-04

**SAFETY COMPLIANCE TESTING
FOR FMVSS 124**

ACCELERATOR CONTROL SYSTEMS

2003 HONDA CIVIC
4 DOOR

NHTSA NO. C35303

PREPARED BY:
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July 17, 2003

FINAL REPORT

PREPARED FOR:
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TABLE OF CONTENTS

<u>Section</u>		<u>Page</u>
1	Purpose of Compliance Test	1
2	Compliance Test Procedure and Data Summary	2
3	Test Data	5
<u>Appendix</u>		
A	Photographs	A
B	Data Plots	B
C	Test Equipment List and Calibration Information	C

LIST OF PHOTOGRAPHS

<u>Figure</u>		<u>Page</u>
A-1	Front View of Vehicle	A-1
A-2	Left Side View of Vehicle	A-2
A-3	Right Side View of Vehicle	A-3
A-4	Vehicle Certification Label	A-4
A-5	Vehicle Tire Information Label	A-5
A-6	Vehicle Engine Compartment	A-6
A-7	Vehicle Accelerator Pedal Assemble	A-7
A-8	Springs 1 and 2 Located on Vehicle Accelerator Control System	A-8
A-9	Spring 3 Located on Vehicle Accelerator Control System	A-9
A-10	Throttle Plate Sensor Located on Vehicle Accelerator Control System	A-10
A-11	Overall View of Vehicle Test Setup	A-11
A-12	Close-Up View of Vehicle Test Setup	A-12
A-13	Instrumentation	A-13
A-14	Severance of Throttle Body	A-14

LIST OF DATA PLOTS

<u>Figure</u>		<u>Page</u>
B-1	Throttle Position vs. Time/Engine RPM vs. Time (25% of WOT, Normal Operation)	B-1
B-2	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, Normal Operation)	B-2
B-3	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, Normal Operation)	B-3
B-4	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, Normal Operation)	B-4
B-5	Throttle Position vs. Time/Engine RPM vs. Time (25% of WOT, Normal Operation, Engine Off)	B-5
B-6	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, Normal Operation, Engine Off)	B-6
B-7	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, Normal Operation, Engine Off)	B-7
B-8	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, Normal Operation, Engine Off)	B-8
B-9	Throttle Position vs. Time/Engine RPM vs. Time (25% of WOT, #1 Spring Disconnected)	B-9
B-10	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, #1 Spring Disconnected)	B-10
B-11	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, #1 Spring Disconnected)	B-11
B-12	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, #1 Spring Disconnected)	B-12
B-13	Throttle Position vs. Time/Engine RPM vs. Time (25% of WOT, #1 Spring Disconnected, Engine Off)	B-13
B-14	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, #1 Spring Disconnected, Engine Off)	B-14
B-15	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, #1 Spring Disconnected, Engine Off)	B-15

LIST OF DATA PLOTS

<u>Figure</u>		<u>Page</u>
B-16	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, #1 Spring Disconnected, Engine Off)	B-16
B-17	Throttle Position vs. Time/Engine RPM vs. Time (25% of WOT, #2 Spring Disconnected)	B-17
B-18	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, #2 Spring Disconnected)	B-18
B-19	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, #2 Spring Disconnected)	B-19
B-20	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, #2 Spring Disconnected)	B-20
B-21	Throttle Position vs. Time/Engine RPM vs. Time (25% of WOT, #2 Spring Disconnected, Engine Off)	B-21
B-22	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, #2 Spring Disconnected, Engine Off)	B-22
B-23	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, #2 Spring Disconnected, Engine Off)	B-23
B-24	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, #2 Spring Disconnected, Engine Off)	B-24
B-25	Throttle Position vs. Time/Engine RPM vs. Time (25% of WOT, Severance of Throttle Cable)	B-25
B-26	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, Severance of Throttle Cable)	B-26
B-27	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, Severance of Throttle Cable)	B-27
B-28	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, Severance of Throttle Cable)	B-28
B-29	Throttle Position vs. Time/Engine RPM vs. Time (25% of WOT, #3 Spring Disconnected, Engine Off)	B-29
B-30	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, #3 Spring Disconnected, Engine Off)	B-30

LIST OF DATA PLOTS

<u>Figure</u>		<u>Page</u>
B-31	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, #3 Spring Disconnected, Engine Off)	B-31
B-32	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, #3 Spring Disconnected, Engine Off)	B-32
B-33	Throttle Position vs. Time/Engine RPM vs. Time (25% of WOT, Severance of Throttle Cable)	B-33
B-34	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, Severance of Throttle Cable)	B-34
B-35	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, Severance of Throttle Cable)	B-35
B-36	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, Severance of Throttle Cable)	B-36
B-37	Throttle Position vs. Time/Engine RPM vs. Time ((25% of WOT, Severance of Throttle Cable, Engine Off)	B-37
B-38	Throttle Position vs. Time/Engine RPM vs. Time (50% of WOT, Severance of Throttle Cable, Engine Off)	B-38
B-39	Throttle Position vs. Time/Engine RPM vs. Time (75% of WOT, Severance of Throttle Cable, Engine Off)	B-39
B-40	Throttle Position vs. Time/Engine RPM vs. Time (100% of WOT, Severance of Throttle Cable, Engine Off)	B-40

SECTION 1
PURPOSE OF COMPLIANCE TEST

1. PURPOSE OF COMPLIANCE TEST

Tests were conducted on a 2003 Honda Civic, manufactured by Honda of Canada, to determine compliance with FMVSS 124, "Accelerator Control Systems". FMVSS 124 establishes requirements for the return of a vehicle's throttle to the idle position when the driver removes the actuating force from the accelerator control, or in the event of a severance or disconnection in the accelerator control system. The purpose of this standard is to reduce the number of deaths and injuries resulting from engine over-speed caused by malfunctions in the accelerator control system.

All tests were conducted based on the current National Highway Traffic Safety Administration (NHTSA), Office of Vehicle Safety Compliance (OVSC) Laboratory Procedures, TP-124V-06, dated April 20, 2000, and corresponding KARCO Engineering test procedure KTP-124, dated June 13, 2003 except for engine off testing which was authorized by the OVSC to provide additional data. Detailed procedures for receiving, inspecting, testing and reporting of test results are described in the test procedures and are not repeated in this report.

This report is organized in sections containing pertinent test information and data tables as follows:

Section 2	-	Compliance Test Procedure and Data Summary
Section 3	-	Test Results
Appendix A	-	Photographs
Appendix B	-	Data Plots
Appendix C	-	Test Equipment List and Calibration Information

SECTION 2
COMPLIANCE TEST PROCEDURE and DATA SUMMARY

2. COMPLIANCE TEST PROCEDURE AND DATA SUMMARY

A 2003 Honda Civic was subjected to FMVSS 124 compliance testing. The tests were conducted at KARCO Engineering in Adelanto, California on July 17, 2003. The following tests were performed:

- Inspection
- Time to Return to Idle Position (Complete Normal Operation)
- Time to Return to Idle Position (1st Energy Source Removed)
- Time to Return to Idle Position (2nd Energy Source Removed)
- Time to Return to Idle Position (3rd Energy Source Removed)
- Time to Return to Idle Position (Severance)

The tests were conducted per the FMVSS 124 test procedure. The significant aspects of the test procedure are described in the following paragraphs.

A. INSPECTION

The operation of all adjustable accelerator control systems shall be checked to ascertain that the systems operate correctly. The accelerator control systems shall have at least two sources of energy capable of returning the throttle to the idle.

B. COMPLIANCE TEST EXECUTION (STATIC TESTING OF ACCELERATOR CONTROL SYSTEMS)

B.1 FULLY OPERATIONAL SYSTEM

Continuously record ambient temperature, engine coolant temperature, throttle position versus time and engine RPM versus time for the duration of each test. The accelerator may be depressed by hand or foot pressure or by any other mechanical means. Conduct the tests for 25% WOT, 50% WOT, 75% WOT and 100% WOT. Conduct the test a second time with the engine off.

B.2 DISCONNECTION OF THE FIRST SOURCE OF THROTTLE RETURN ENERGY

Remove one of the throttle return springs. Continuously record ambient temperature, engine coolant temperature, throttle position versus time, and engine RPM versus time for the duration of each test. The accelerator may be depressed by hand or foot pressure or by any other mechanical means. Conduct the tests for 25% WOT, 50% WOT, 75% WOT and 100% WOT. Conduct the test a second time with the engine off. Return the system to original condition.

B.3 DISCONNECTION OF THE SECOND SOURCE OF THROTTLE RETURN ENERGY

Remove the second throttle return spring. Continuously record ambient temperature, engine coolant temperature, throttle position versus time, and engine RPM versus time for the duration of each test. The accelerator may be depressed by hand or foot pressure or by any other mechanical means. Conduct the tests for 25% WOT, 50% WOT, 75% WOT and 100% WOT. Conduct the test a second time with the engine off. Return the system to original condition.

B.4 THIRD SOURCE OF THROTTLE RETURN ENERGY

Remove the second throttle return spring. Continuously record ambient temperature, engine coolant temperature, throttle position versus time, and engine RPM versus time for the duration of each test. The accelerator may be depressed by hand or foot pressure or by any other mechanical means. Conduct the tests for 25% WOT, 50% WOT, 75% WOT and 100% WOT. Conduct the test a second time with the engine off. Return the system to original condition.

B.5 SEVERANCE

Identify the points determined in Section 11.3.4 of the test procedure to be the most critical in the accelerator control system. Induce severance or disconnection in the throttle return linkage. Continuously record ambient temperature, engine coolant temperature, throttle position versus time engine RPM versus time for the duration of each test. The accelerator may be depressed by hand or foot pressure or by any other mechanical means. Conduct the tests for 25% WOT, 50% WOT, 75% WOT and 100% WOT. Conduct the test a second time with the engine off. Return the system to original condition.

B.6 TEST SET-UP

Each series of tests were conducted in the same manner. Throttle plate position was determined by measuring voltage output directly from the throttle position sensor. Engine RPM was obtained with an optical fifth wheel recording speed on an engine bell. The Honda Civic was rpm limited and the RPM of the engine remained relatively constant for throttle plate positions beyond a certain point. On data traces, time of release of accelerator pedal and time of severance is time zero (0). % on data trace is percent of throttle maximum rotation where zero is the idle state position. On data traces, RPM time is for RPM to return to approximate steady state idle. Worst case severance was accomplished by disconnecting the accelerator cable from the throttle body and actuating the throttle position with a piece of string. Time zero on the data plots equates to release of string simulating failure.

SECTION 3
TEST DATA

3. TEST DATA

The results of FMVSS 124 compliance tests that were conducted on the 2003 Honda Civic on July 17, 2003, to determine compliance with FMVSS 124, "Accelerator Control Systems" are presented in this section.

DATA SHEET NO. 1**VEHICLE INSPECTION AND IDENTIFICATION**

<u>TEST VEHICLE INFORMATION</u>			
Manufacturer	Honda of Canada	VIN	2HGES15163H510524
Manufacturing Date	10/02	Delivery Date	03/19/03
Dealer	Palmdale Honda	NHTSA No.	C35303
Odometer Reading (mi.)	72	Fuel Type	Gas
Engine Displacement	1.6	Cylinders	4
Transmission	Manual	Final Drive	Front
Engine Placement	Transverse	Color	White
Tire Press./Max. Cap. Front	30 psi	Cold Tire Press. Front	30 psi
Tire Press./Max. Cap. Rear	30 psi	Cold Tire Press. Rear	30 psi
Recommend Tire Size	P185/70R14	Type of Spare	T115/70D14
Tire Size on Vehicle	P185/70R14	Manufacturer	Firestone
GVWR	3440	Cargo Capacity	550
GAWR Front	1765	GAWR Rear	1650
Air Conditioning	NO	Power Steering	YES
Power Brakes	YES	AM/FM/Cassette	YES
Disc Brakes (Front)	YES	Disc Brakes (Rear)	NO
Power Windows	NO	Tilt Steering	YES
Anti-lock Brakes (ABS)	NO	Power Seats	NO
Driver Airbag	YES	Passenger Airbag	YES

DATA SHEET NO. 2

VEHICLE THROTTLE CONTROL INSPECTION

VEHICLE			
YEAR	2003	MAKE	Honda
MODEL	Civic	BODY STYLE	4 - door
NHTSA NO.	C35303	VIN	2HGES15163H510524
TEST DATE:	07/17/03	TEMPERATURE:	N/A

Determine how many forms of energy are present on the vehicle to return throttle to idle. If more than two, describe the third in the comments below.	3
Describe the first energy source.	Torsion spring mounted on throttle shaft.
Describe the second energy source.	Torsion spring mounted on throttle shaft.
Describe the third energy source.	Additional row torsion spring on accelerator pedal
Does vehicle have a return spring on the accelerator pedal?	YES
Describe point of severance.	Throttle cable was disconnected from the throttle shaft.

Comments:

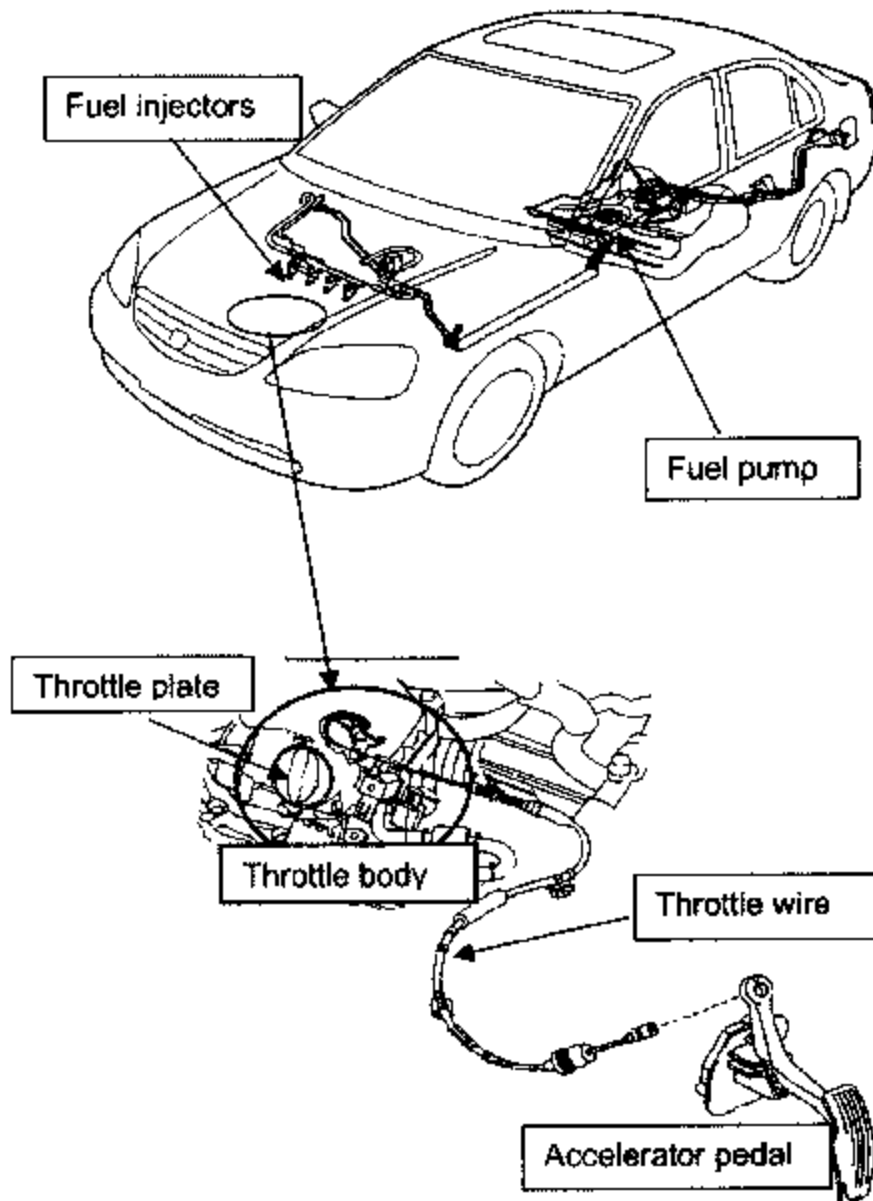
TEST STATUS:	PASSED —	x	FAILED —	
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RECORDED BY: JESSE FUENTES DATE: 07/17/03

APPROVED BY: MATTHEW A. IVORY DATE: 07/17/03

DATA SHEET NO. 3
MANUFACTURER'S DRAWINGS

VEHICLE			
YEAR	2003	MAKE	HONDA
MODEL	CIVIC	BODY STYLE	4 door
NHTSA NO.	C35303	VIN	2HGES15163H510524
TEST DATE:	07/17/03	TEMPERATURE:	N/A



DATA SHEET NO. 4**TEST EXECUTION**

VEHICLE			
YEAR	2003	MAKE	HONDA
MODEL	HONDA CIVIC	BODY STYLE	4 door
NHTSA NO.	C35303	VIN	2HGES15163H510524
TEST DATE:	07/17/03	TEMPERATURE:	34°C

THROTTLE CONTROL SYSTEM CONDITION:				ACCELERATOR CONTROL SYSTEM INTACT, AMBIENT TEMPERATURE, ENGINE ON			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	26.4%	0.0	80°C	0.0%	100 msec	Pass
2	50%	51.3%	0.0	80°C	0.0%	130 msec	Pass
3	75%	77.3%	5565.5	80°C	0.0%	130 msec	Pass
4	100%	100.1%	0.0	80°C	0.0%	170 msec	Pass

THROTTLE CONTROL SYSTEM CONDITION:				ACCELERATOR CONTROL SYSTEM INTACT, AMBIENT TEMPERATURE, ENGINE OFF			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	24.4%	N/A	N/A	0.0%	120 msec	Pass
2	50%	51.5%	N/A	N/A	0.0%	120 msec	Pass
3	75%	78.1%	N/A	N/A	0.0%	150 msec	Pass
4	100%	100.9%	N/A	N/A	0.0%	130 msec	Pass

RETURN TIME REQUIREMENTS:

1 second (1000 msec) for vehicles less than 4536 kg.

2 seconds (2000 msec) for vehicles more than 4536 kg.

3 seconds (3000 msec) for vehicle exposed to -18°C or less.

TEST STATUS:	PASSED —	x	FAILED —	
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RECORDED BY: **JESSE FUENTES**DATE: **07/17/03**APPROVED BY: **MATTHEW A. IVORY**DATE: **07/17/03**

DATA SHEET NO. 4...(CONTINUED)

TEST EXECUTION

VEHICLE			
YEAR	2003	MAKE	HONDA
MODEL	HONDA CIVIC	BODY STYLE	4 door
NHTSA NO.	C35303	VIN	2HGES15163H510524
TEST DATE:	07/17/03	TEMPERATURE:	34°C

THROTTLE CONTROL SYSTEM CONDITION:				1 ST RETURN SPRING REMOVED, AMBIENT TEMPERATURE, ENGINE ON			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	29.8%	0.0	80°C	0.0%	140 msec	Pass
2	50%	51.3%	5303.1	80°C	0.0%	120 msec	Pass
3	75%	73.1%	5417.8	80°C	0.0%	150 msec	Pass
4	100%	100.8%	5407.2	80°C	0.0%	180 msec	Pass

THROTTLE CONTROL SYSTEM CONDITION:				1 ST RETURN SPRING REMOVED, AMBIENT TEMPERATURE, ENGINE OFF			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	26.2%	N/A	N/A	0.0%	100 msec	Pass
2	50%	50.9%	N/A	N/A	0.0%	100 msec	Pass
3	75%	78.2%	N/A	N/A	0.0%	110 msec	Pass
4	100%	100.2%	N/A	N/A	0.0%	110 msec	Pass

RETURN TIME REQUIREMENTS:

1 second (1000 msec) for vehicles less than 4536 kg.

2 seconds (2000 msec) for vehicles more than 4536 kg.

3 seconds (3000 msec) for vehicle exposed to -18°C or less.

TEST STATUS:	PASSED —	x	FAILED —	
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RECORDED BY: JESSE FUENTES

DATE: 07/17/03

APPROVED BY: MATTHEW A. IVORY

DATE: 07/17/03

DATA SHEET NO. 4...(CONTINUED)

TEST EXECUTION

VEHICLE			
YEAR	2003	MAKE	HONDA
MODEL	HONDA CIVIC	BODY STYLE	4 door
NHTSA NO.	C35303	VIN	2HGES15163H510524
TEST DATE:	07/17/03	TEMPERATURE:	35°C

THROTTLE CONTROL SYSTEM CONDITION:				2 ND RETURN SPRING REMOVED, AMBIENT TEMPERATURE, ENGINE ON			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	25.7%	5354.9	80°C	0.0%	130 msec	Pass
2	50%	51.5%	5536.6	80°C	0.0%	190 msec	Pass
3	75%	76.9%	5547.8	80°C	0.0%	120 msec	Pass
4	100%	100.4%	5594.6	80°C	0.0%	140 msec	Pass

THROTTLE CONTROL SYSTEM CONDITION:				2 ND RETURN SPRING REMOVED, AMBIENT TEMPERATURE, ENGINE OFF			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	26.2%	N/A	N/A	0.0%	90 msec	Pass
2	50%	47.5%	N/A	N/A	0.0%	110 msec	Pass
3	75%	74.9%	N/A	N/A	0.0%	130 msec	Pass
4	100%	98.9%	N/A	N/A	0.0%	130 msec	Pass

RETURN TIME REQUIREMENTS:

1 second (1000 msec) for vehicles less than 4536 kg.

2 seconds (2000 msec) for vehicles more than 4536 kg.

3 seconds (3000 msec) for vehicle exposed to -18°C or less.

TEST STATUS:	PASSED —	x	FAILED —
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RECORDED BY: JESSE FUENTES DATE: 07/17/03

APPROVED BY: MATTHEW A. IVORY DATE: 07/17/03

DATA SHEET NO. 4...(CONTINUED)

TEST EXECUTION

VEHICLE			
YEAR	2003	MAKE	HONDA
MODEL	HONDA CIVIC	BODY STYLE	4 door
NHTSA NO.	C35303	VIN	2HGES15163H510524
TEST DATE:	07/17/03	TEMPERATURE:	35°C

THROTTLE CONTROL SYSTEM CONDITION:				3 RD ENERGY SOURCE REMOVED			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	27.9%	0.0	80°C	0.0%	110 msec	Pass
2	50%	50.2%	5494.6	80°C	0.0%	130 msec	Pass
3	75%	75.1%	5519.5	80°C	0.0%	260 msec	Pass
4	100%	100.0%	5479.4	80°C	0.0%	320 msec	Pass

THROTTLE CONTROL SYSTEM CONDITION:				3 RD ENERGY SOURCE REMOVED			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	27.4%	N/A	N/A	0.0%	120 msec	Pass
2	50%	51.3%	N/A	N/A	0.0%	140 msec	Pass
3	75%	74.4%	N/A	N/A	0.0%	170 msec	Pass
4	100%	102.1 %	N/A	N/A	0.0%	220 msec	Pass

RETURN TIME REQUIREMENTS:

1 second (1000 msec) for vehicles less than 4536 kg.

2 seconds (2000 msec) for vehicles more than 4536 kg.

3 seconds (3000 msec) for vehicle exposed to -18°C or less.

TEST STATUS:	PASSED —	x	FAILED —
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RECORDED BY: JESSE FUENTES DATE: 07/17/03

APPROVED BY: MATTHEW A. IVORY DATE: 07/17/03

DATA SHEET NO. 4...(CONTINUED)

TEST EXECUTION

VEHICLE			
YEAR	2003	MAKE	HONDA
MODEL	HONDA CIVIC	BODY STYLE	4 door
NHTSA NO.	C35303	VIN	2HGES15163H510524
TEST DATE:	07/17/03	TEMPERATURE:	36°C

THROTTLE CONTROL SYSTEM CONDITION:				SEVERANCE, AMBIENT TEMPERATURE, ENGINE ON			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	28.7%	0.0	80°C	0.0%	110 msec	Pass
2	50%	49.7%	5521.7	80°C	0.0%	130 msec	Pass
3	75%	77.5%	5523.7	80°C	0.0%	130 msec	Pass
4	100%	99.0%	5531.6	80°C	0.0%	140 msec	Pass

THROTTLE CONTROL SYSTEM CONDITION:				SEVERANCE, AMBIENT TEMPERATURE, ENGINE OFF			
TEST NO.	NOMINAL THROTTLE POSITION	ACTUAL THROTTLE POSITION	ENGINE RPM	ENGINE COOLANT TEMPERATURE	THROTTLE POSITION SENSOR READING AT IDLE	TIME TO RETURN TO IDLE	PASS /FAIL
1	25%	26.6%	N/A	N/A	0.0%	110 msec	Pass
2	50%	50.7%	N/A	N/A	0.0%	100 msec	Pass
3	75%	77.3%	N/A	N/A	0.0%	110 msec	Pass
4	100%	99.1 %	N/A	N/A	0.0%	160 msec	Pass

RETURN TIME REQUIREMENTS:

1 second (1000 msec) for vehicles less than 4536 kg.

2 seconds (2000 msec) for vehicles more than 4536 kg.

3 seconds (3000 msec) for vehicle exposed to -18°C or less.

TEST STATUS:	PASSED —	x	FAILED —	
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RECORDED BY: **JESSE FUENTES**

DATE: **07/17/03**

APPROVED BY: **MATTHEW A. IVORY**

DATE: **07/17/03**

APPENDIX A
PHOTOGRAPHS

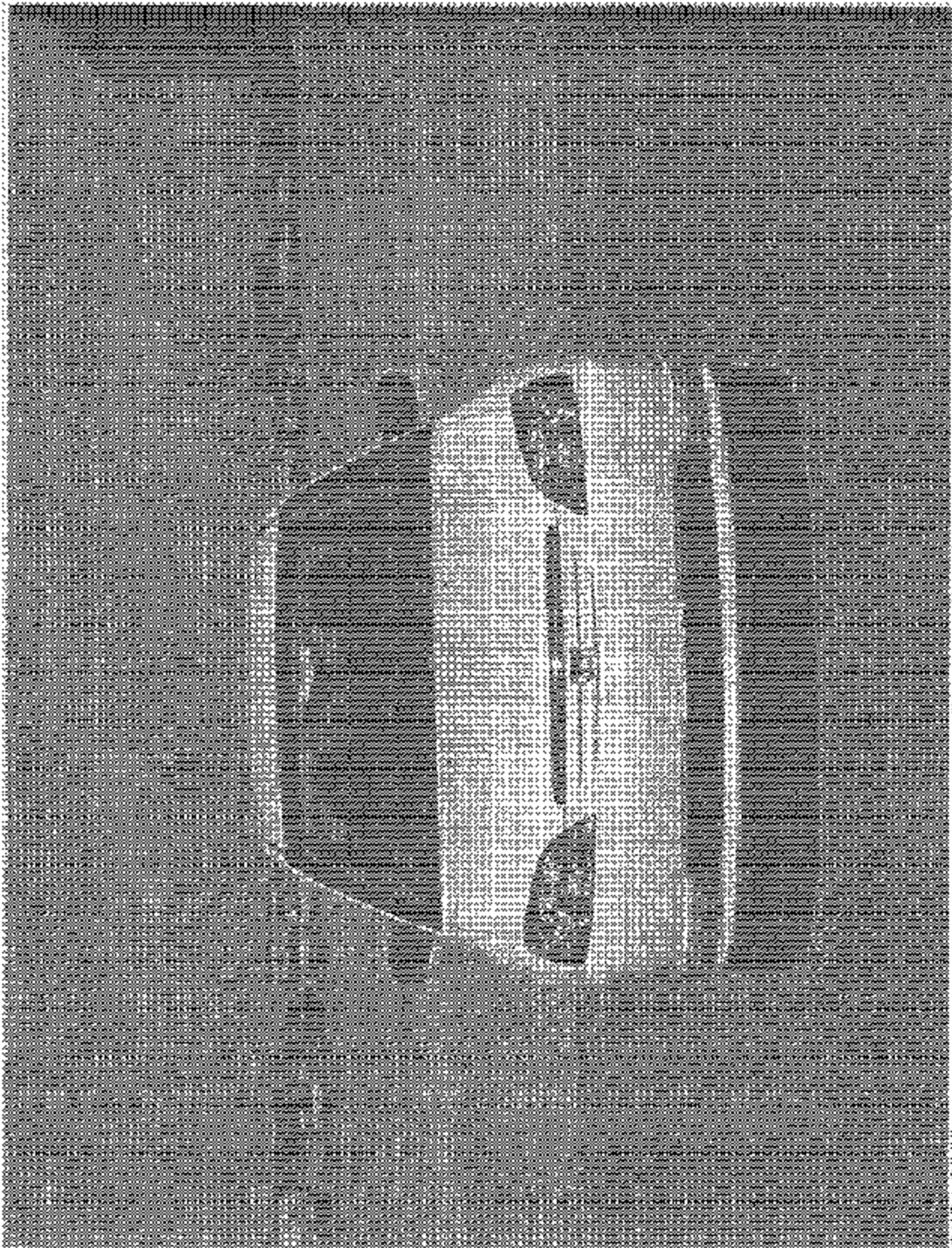


Figure 1 - Flue Vex of Vehicle

2003 HONDA CIVIC
NHTSA NC 035303
FMVSS NHTSA 201

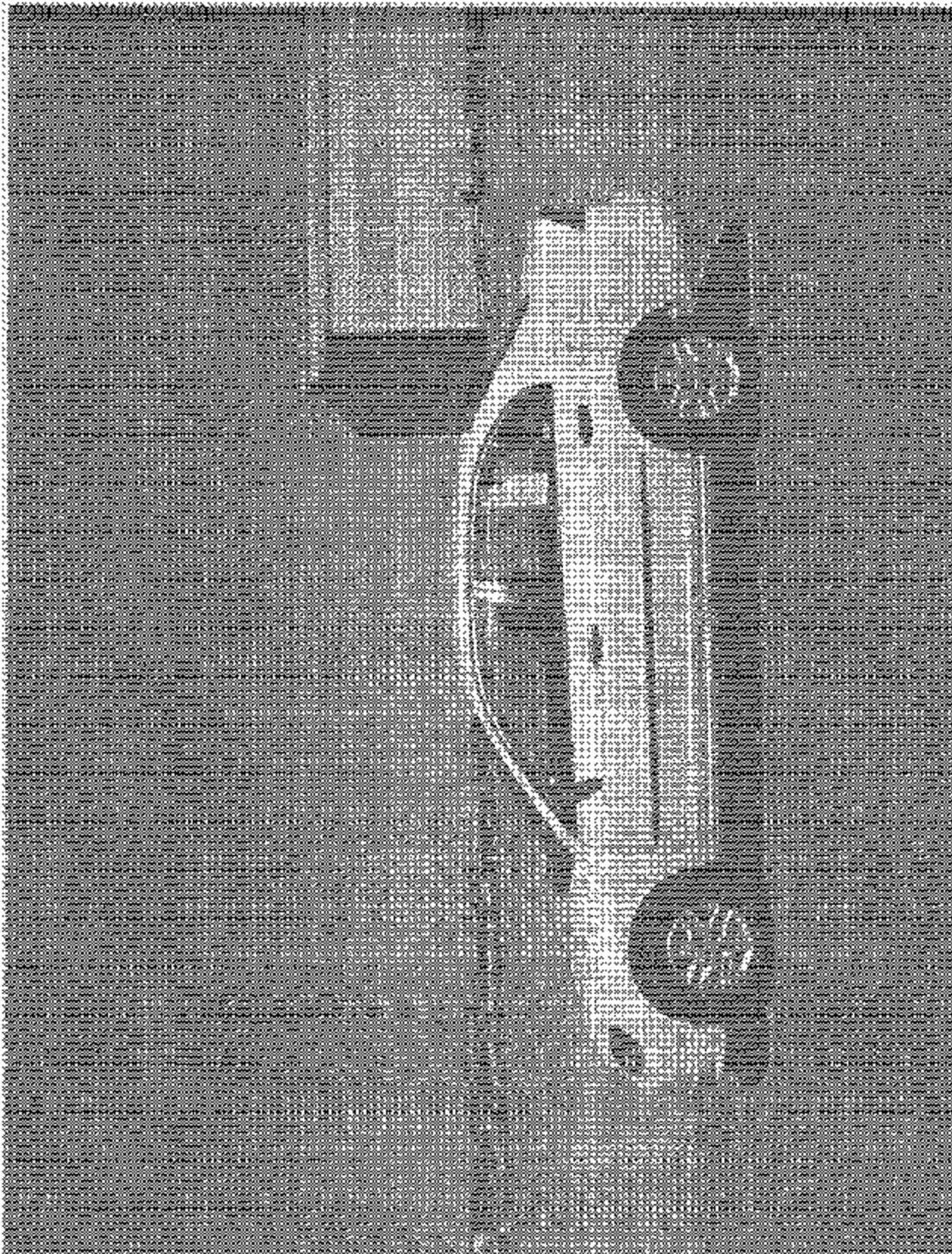
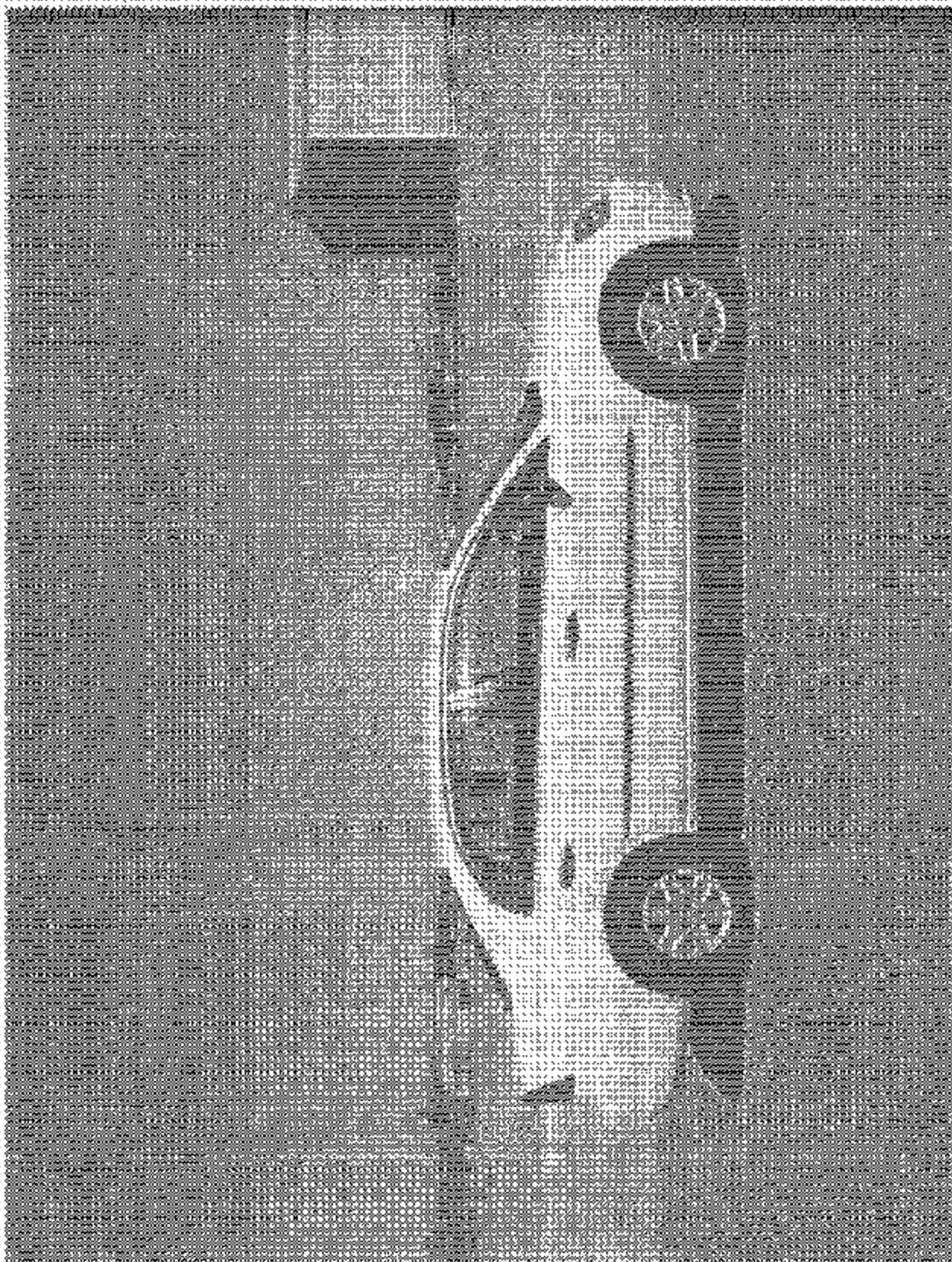


Figure A-2 Full Side View of Vehicle

2003 HONDA CIVIC
NHISA NC 090009
FV556107-23



2003 NISSAN ALTIMA

NISSAN C353H

FRONT NO. 124

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters.

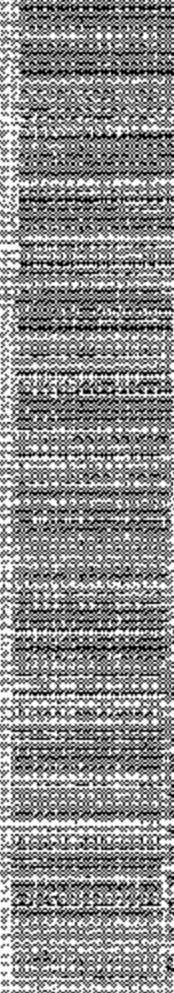
2. The second part outlines the various methods and tools used to collect and analyze data. This includes the use of surveys, interviews, and statistical software to ensure that the information gathered is reliable and valid.

3. The third part focuses on the ethical considerations surrounding data collection and analysis. It highlights the need to protect individual privacy and ensure that data is used responsibly and for its intended purpose.

4. The fourth part discusses the challenges and limitations of data-driven research. It acknowledges that while data provides valuable insights, it is not infallible and can be subject to various biases and errors.

5. The fifth part concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation to ensure that the data remains relevant and useful over time.

THESE BODIES



1. *What is the purpose of this study?*
 2. *What are the research questions?*
 3. *What is the significance of this study?*
 4. *What are the limitations of this study?*
 5. *What are the conclusions of this study?*
 6. *What are the implications of this study?*
 7. *What are the future research directions?*
 8. *What are the contributions of this study?*
 9. *What are the strengths of this study?*
 10. *What are the weaknesses of this study?*
 11. *What are the findings of this study?*
 12. *What are the results of this study?*
 13. *What are the data of this study?*
 14. *What are the methods of this study?*
 15. *What are the theories of this study?*
 16. *What are the models of this study?*
 17. *What are the frameworks of this study?*
 18. *What are the approaches of this study?*
 19. *What are the techniques of this study?*
 20. *What are the tools of this study?*
 21. *What are the instruments of this study?*
 22. *What are the procedures of this study?*
 23. *What are the steps of this study?*
 24. *What are the phases of this study?*
 25. *What are the stages of this study?*
 26. *What are the periods of this study?*
 27. *What are the times of this study?*
 28. *What are the dates of this study?*
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 30. *What are the months of this study?*
 31. *What are the days of this study?*
 32. *What are the hours of this study?*
 33. *What are the minutes of this study?*
 34. *What are the seconds of this study?*
 35. *What are the milliseconds of this study?*
 36. *What are the microseconds of this study?*
 37. *What are the nanoseconds of this study?*
 38. *What are the picoseconds of this study?*
 39. *What are the femtoseconds of this study?*
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2003 FNTA 390
NEX 93 C35303
EVS 153 12

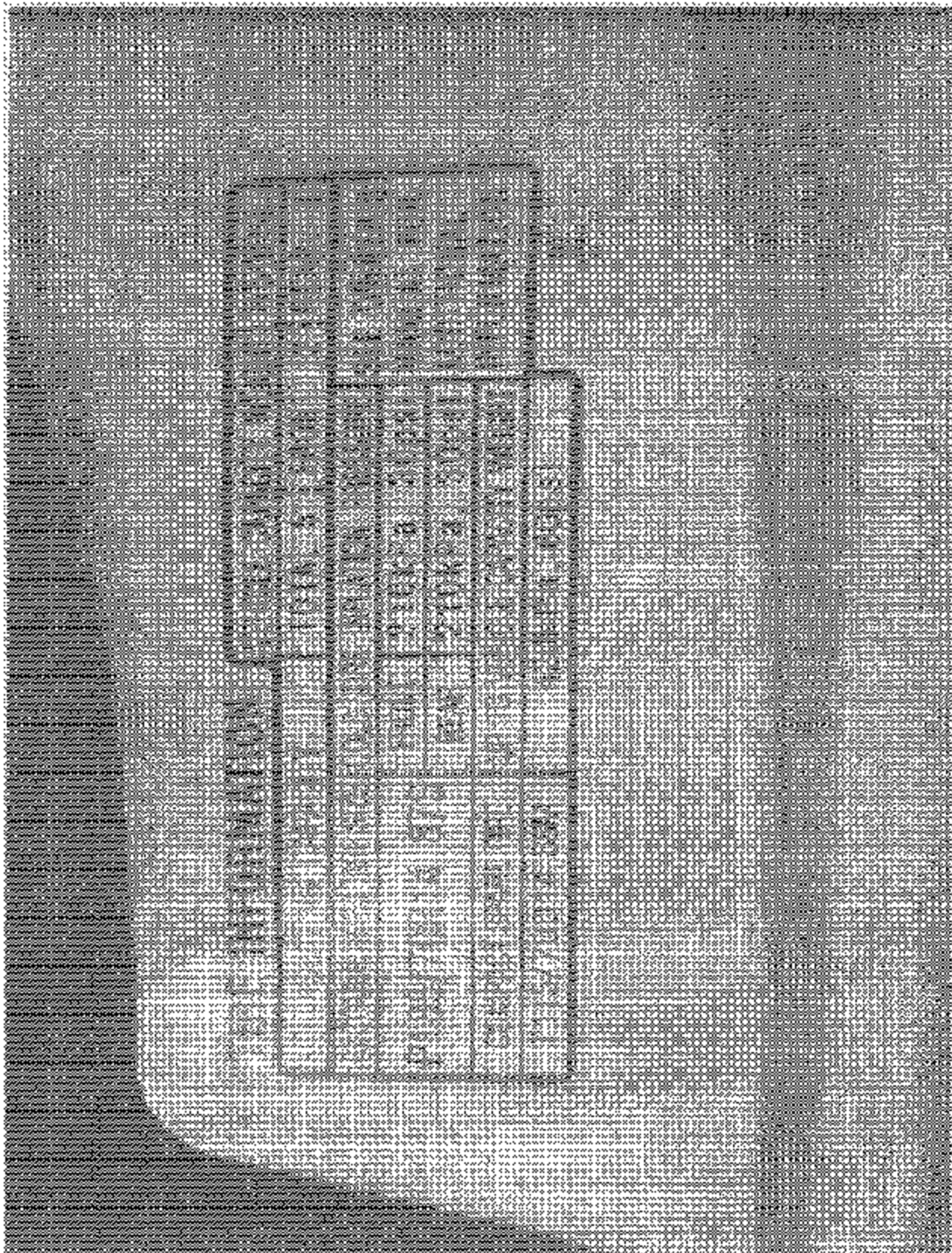


FIGURE 1-10 FUEL FILTER

2003 HONDA CIVIC
 NHISA NO. 095304
 FMVSS NO. 124

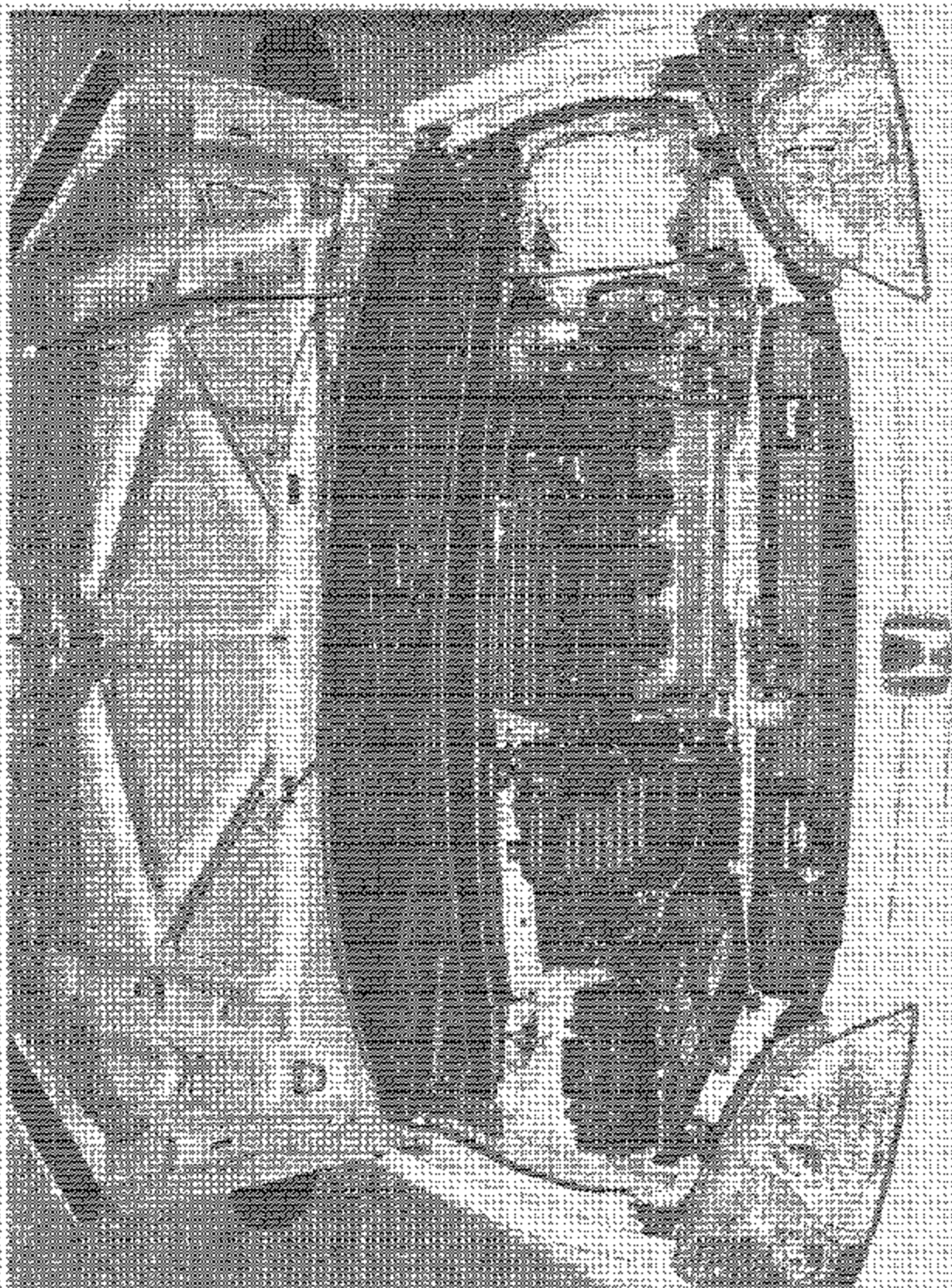


Figure 3.0: Aerial View of the Aircraft

2003 AUNDA CIVIL
 AIRCRAFT
 CIVIL NO. 109



PHOTO A-7: VEHICLE'S AIRCRAFT IDENTIFICATION

2003 F-16A (101)
NHTSA NC 03300
FAYOS 102 104

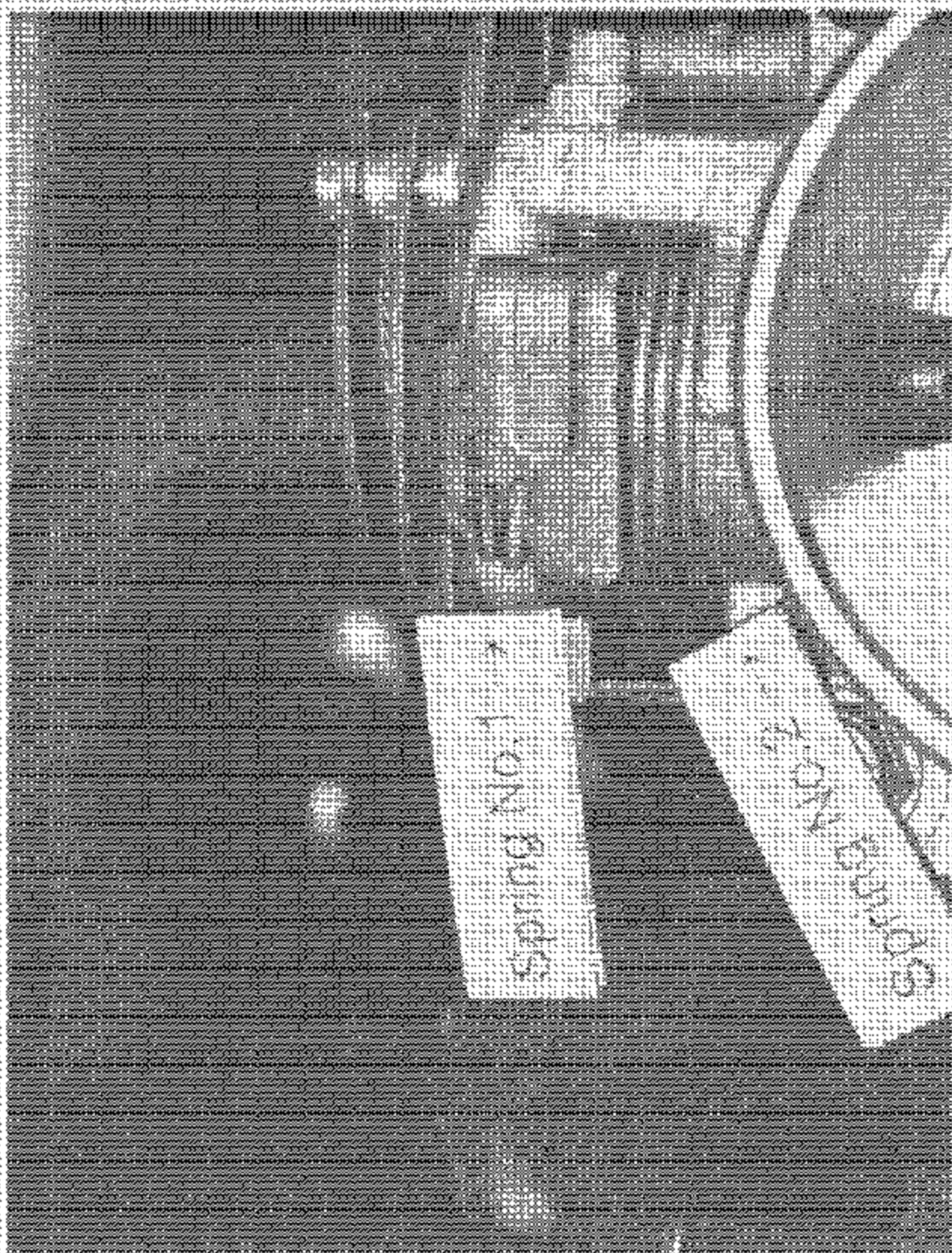
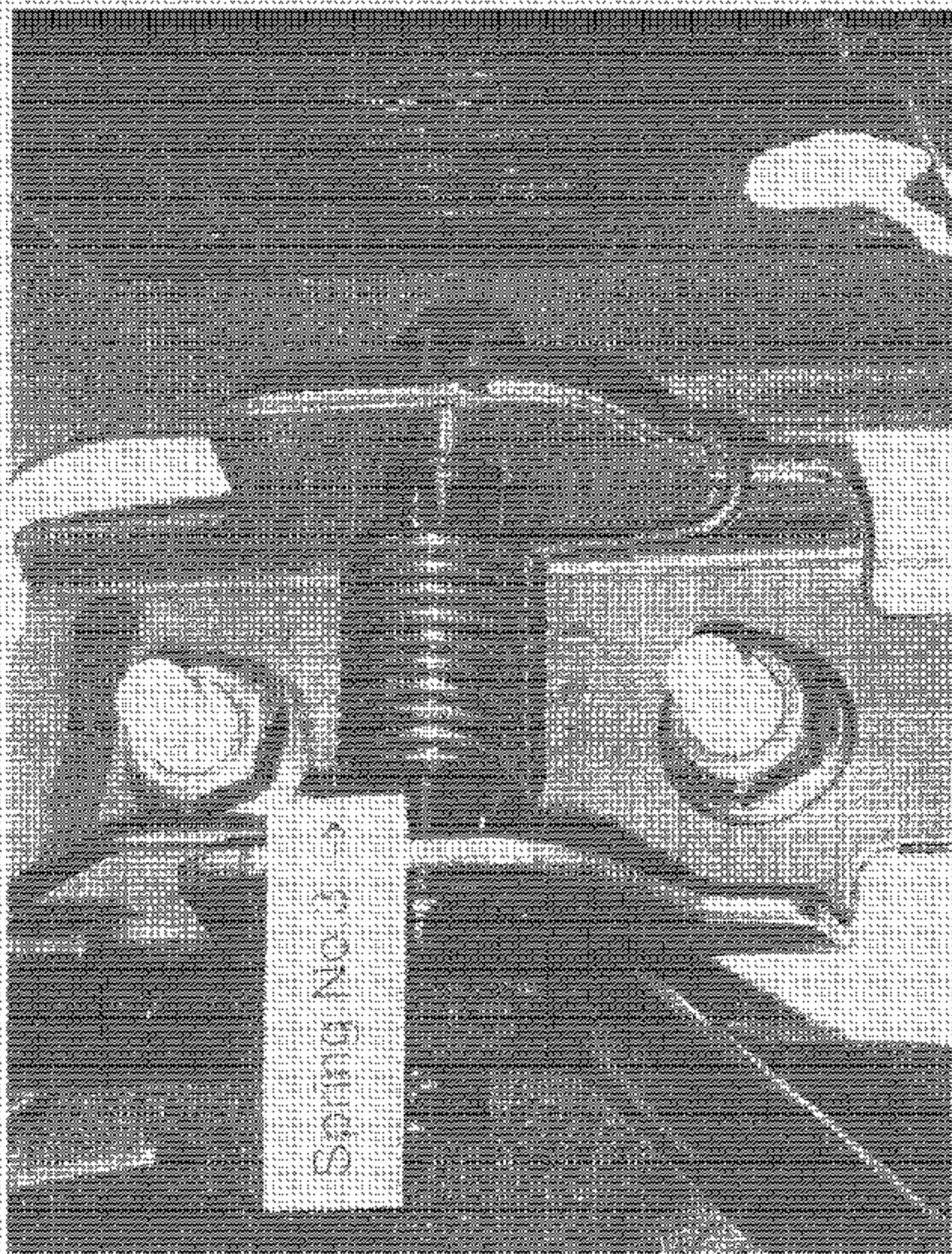


FIGURE 1 and 2. Location of the 1 and 2 Springs in the Control System

2008 HANNAH
NHISANIS 03537
FMSN 10 13



8 View A-B Spring Suspension Versus A-A Suspension Control System

2003 FORD A-100
 NHTSA NC 030003
 FAYES NO. 122



Throttle Plate Sensor

© 2003 HONDA CIVILIAN
 50030-00000
 50030-00000
 50030-00000

2003 HONDA CIVILIAN

50030-00000
 50030-00000
 50030-00000

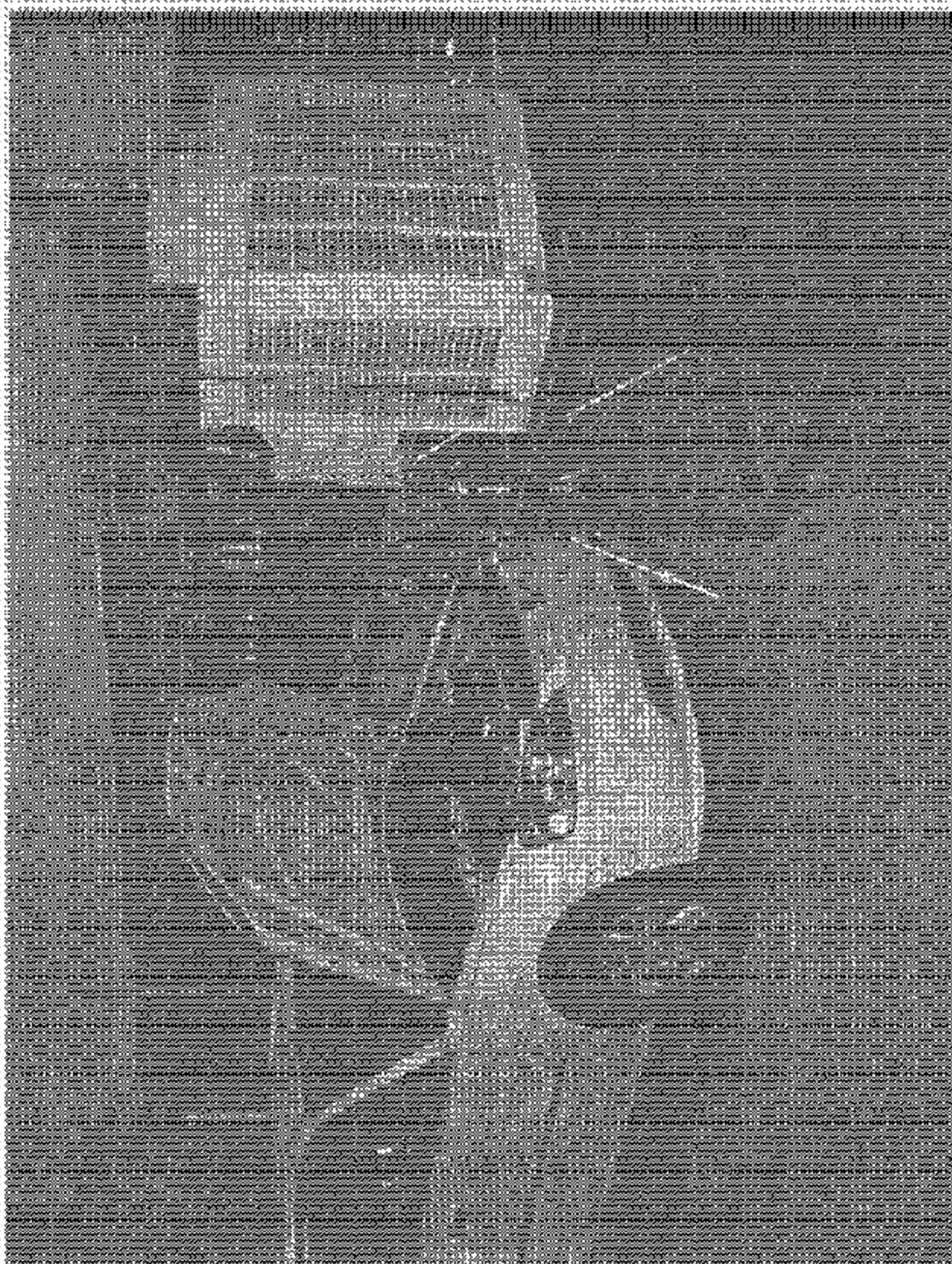


FIGURE 11 OVERVIEW OF CHURCH THE SAILOR

2013 HONDA CIVIC
NHFS-NC 055004
PHOTOGRAPH



2003 RELEASE UNDER E.O. 14176

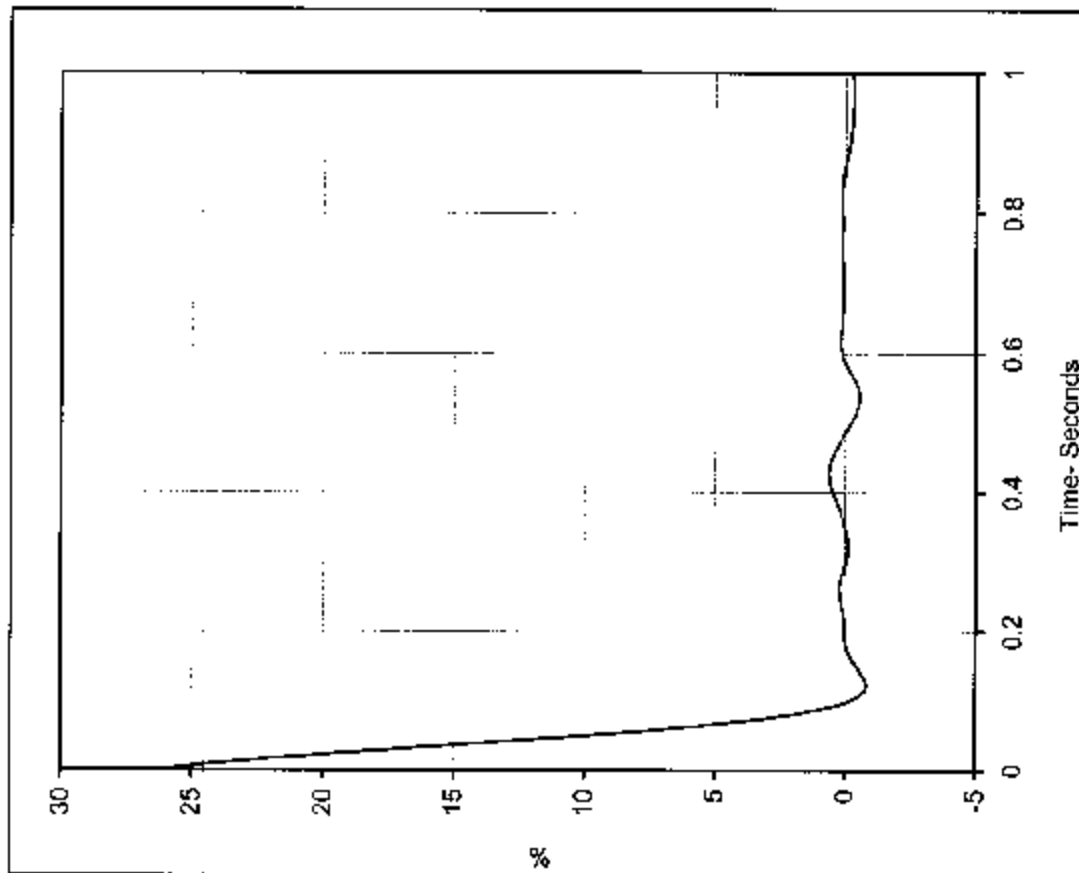
2003 RELEASE UNDER E.O. 14176



THE UNIVERSITY OF CHICAGO

[illegible]

APPENDIX B
DATA PLOTS



Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

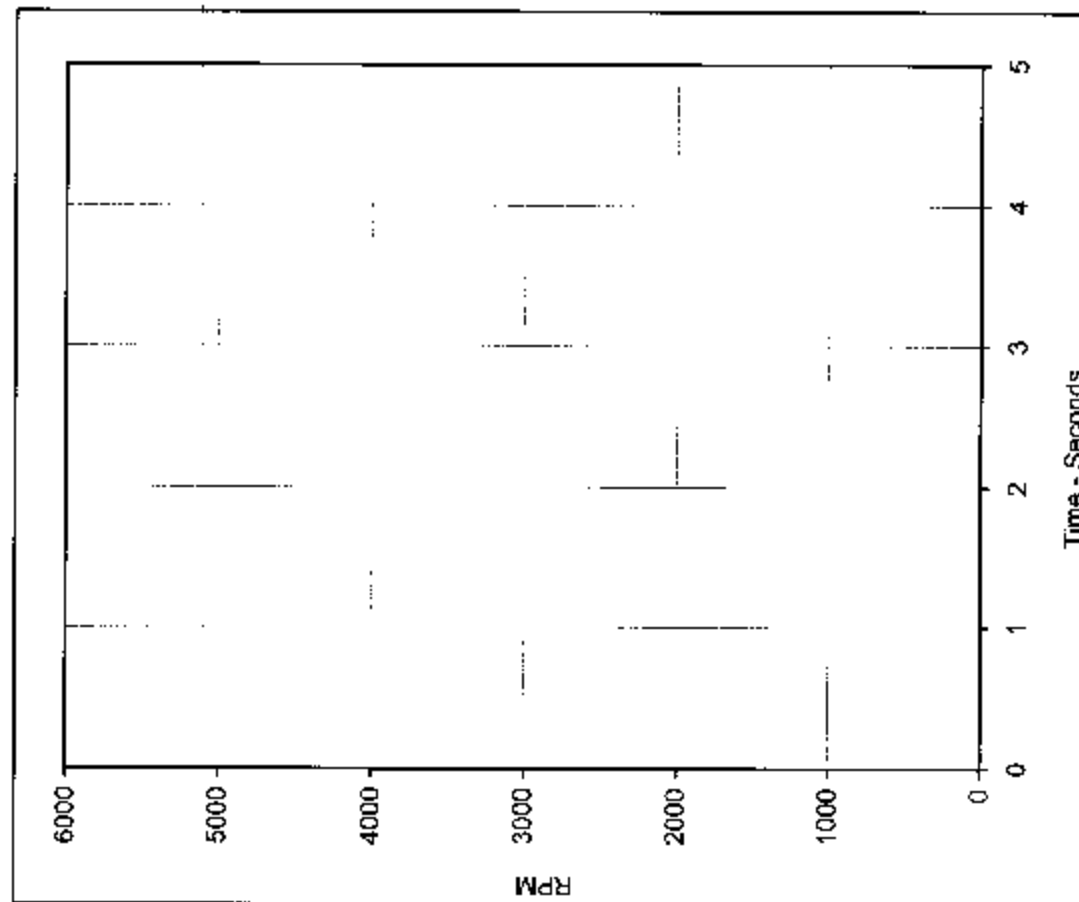
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	26.4	0.0	100.0	5

Test Program:

FMVSS 124 (Normal Operation)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	0.0	0.0	0.0	5

* No Data

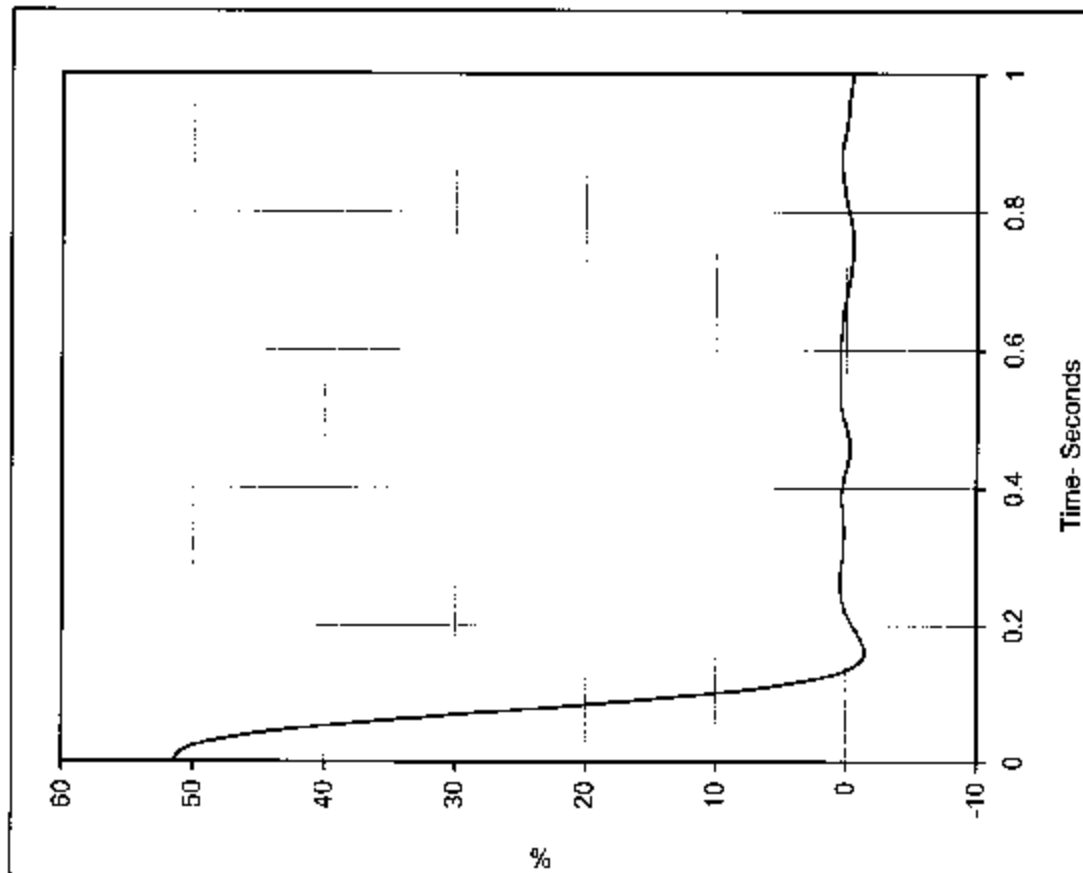
Test Date:

7/17/03

NHTSA No.:

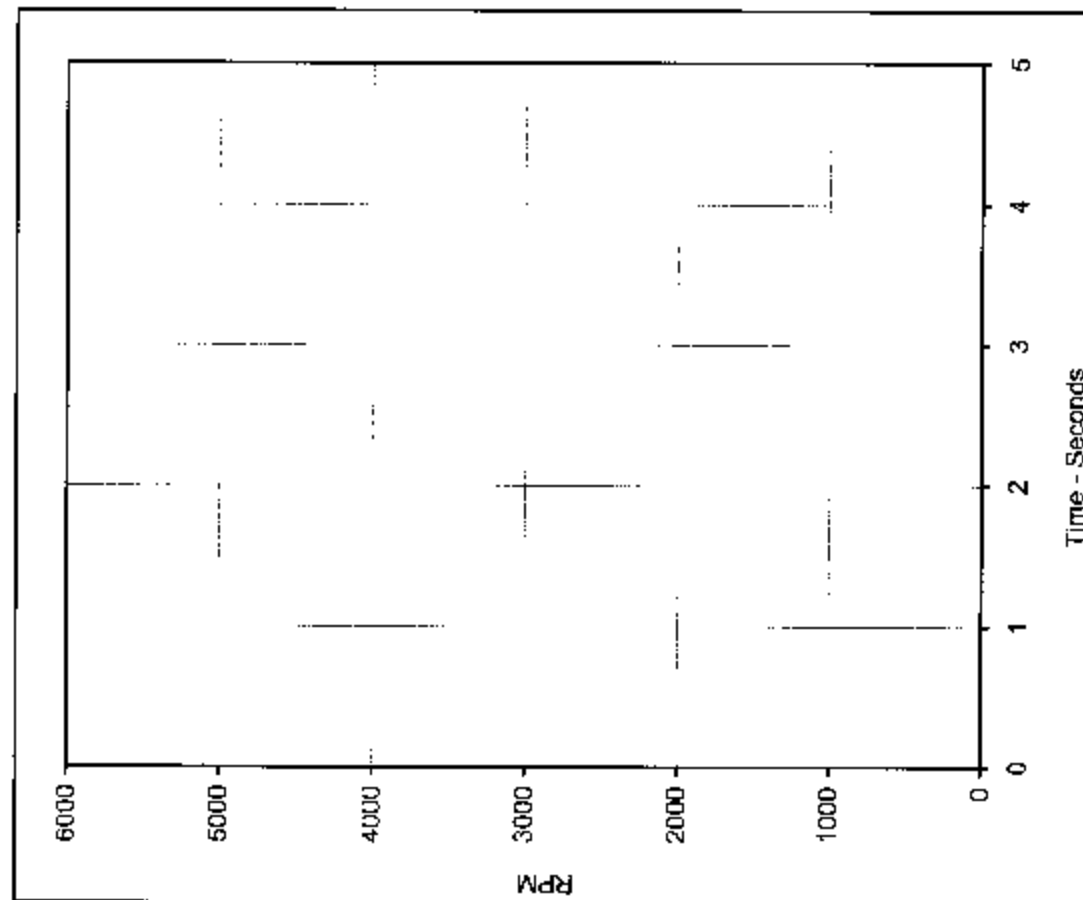
C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	51.3	0.0	130.0	5



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

* No Data

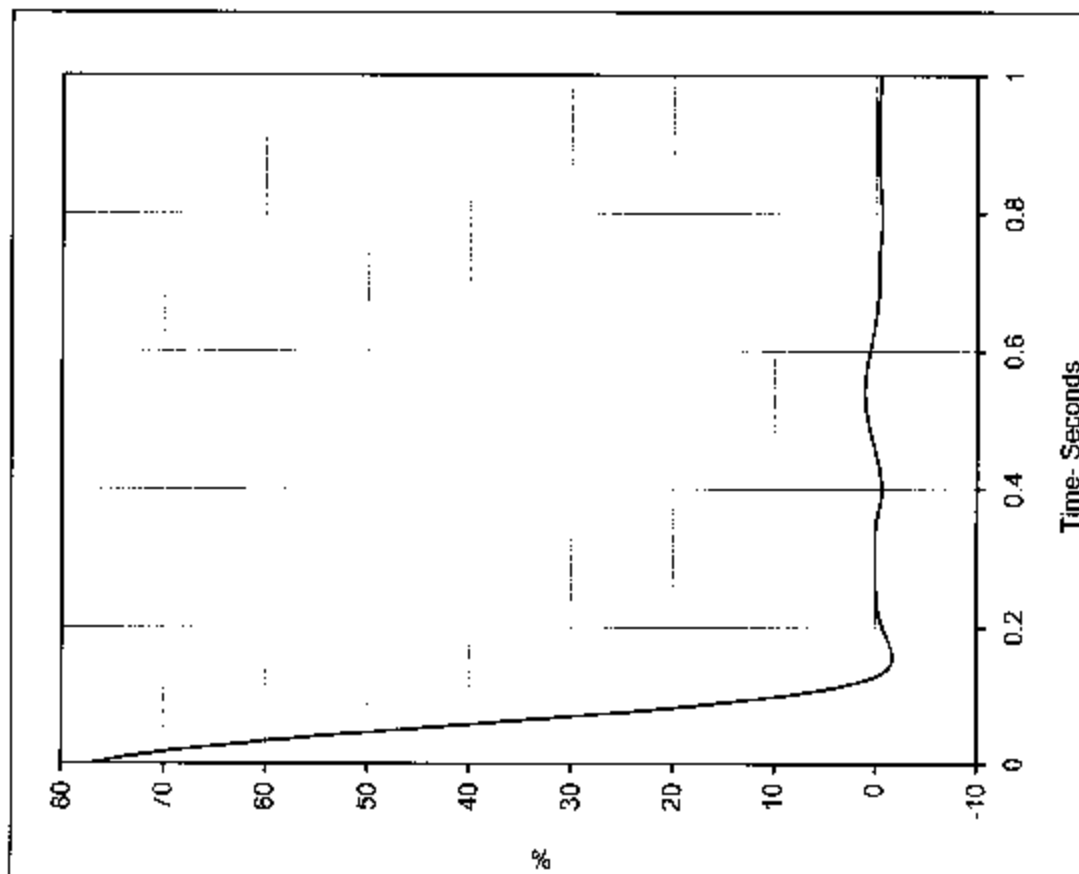
Test Date: 7/17/03

NHTSA No.: C35303



Test Program: FMVSS 124 (Normal Operation)

Test Vehicle: 2003 Honda Civic DX 2 Door Coupe

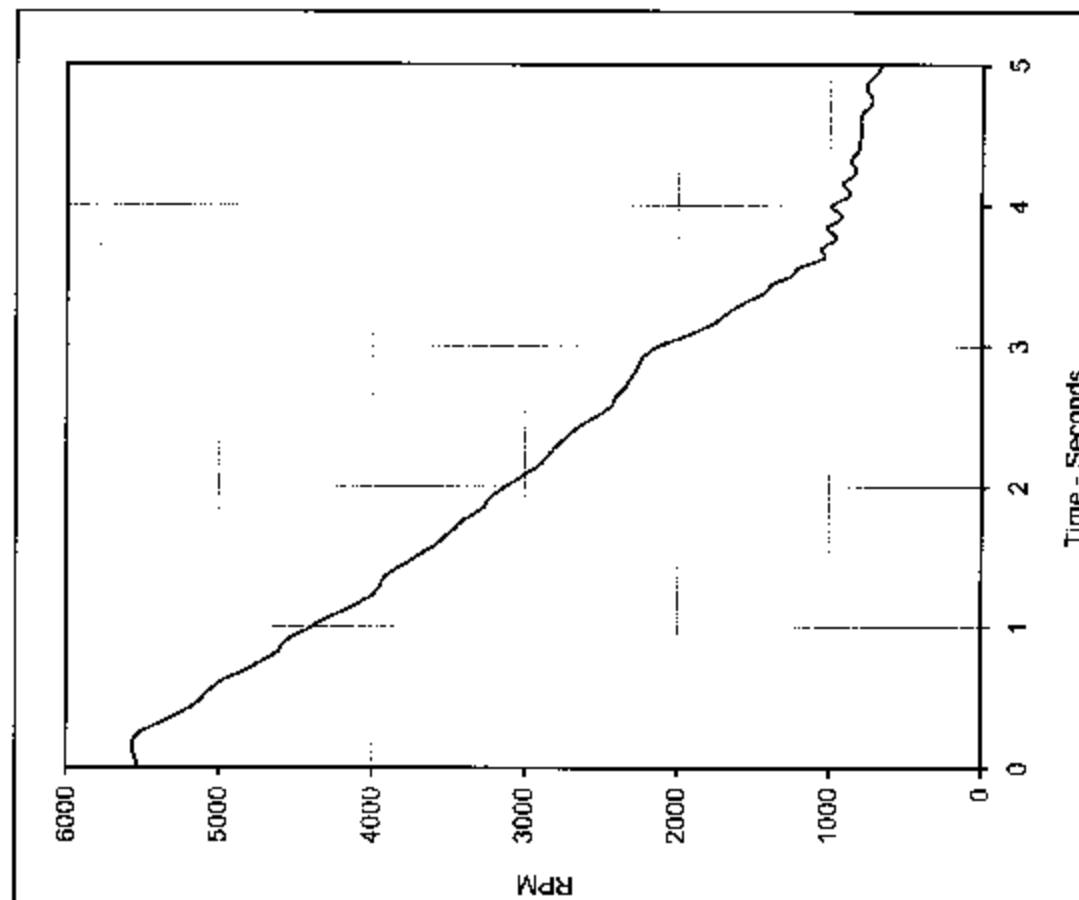


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	77.3	0.0	130.0	5

Test Program:
Test Vehicle:

FMVSS 124 (Normal Operation)
2003 Honda Civic DX 2 Door Coupe

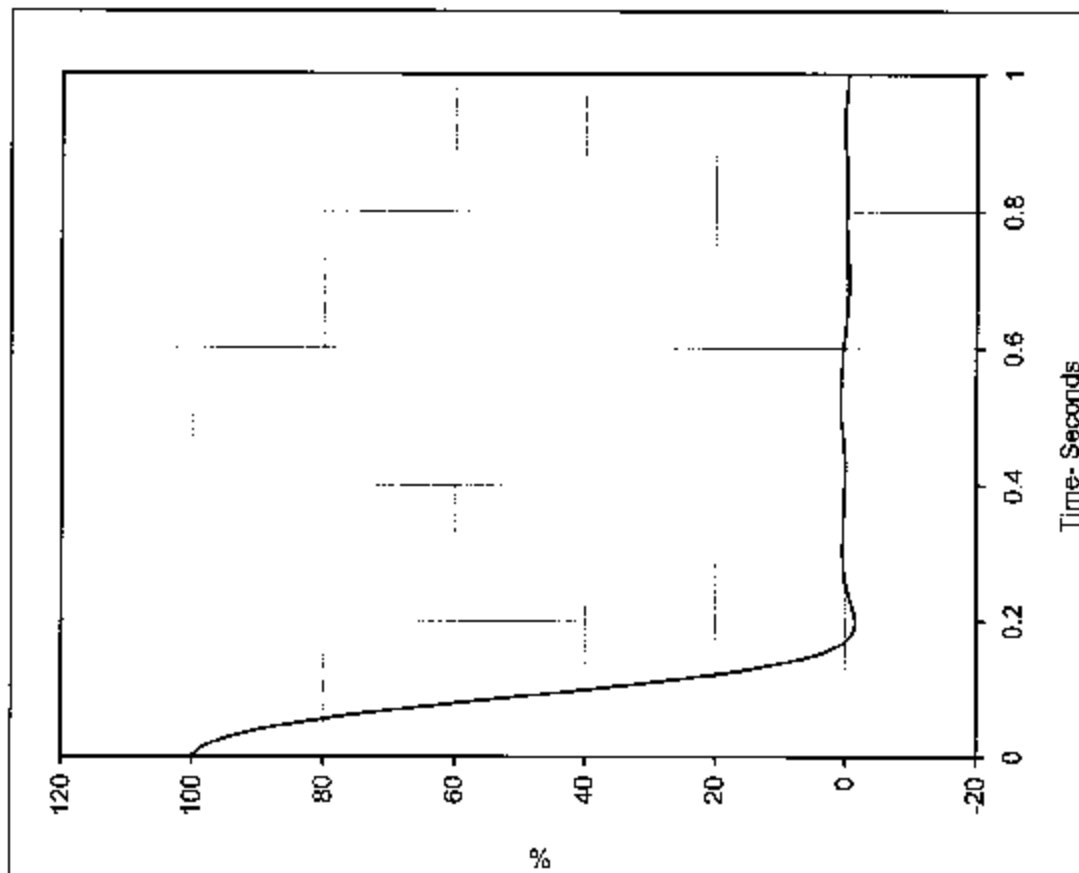


Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5565.5	0.2	671.0	5

Test Date: 7/17/03
NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

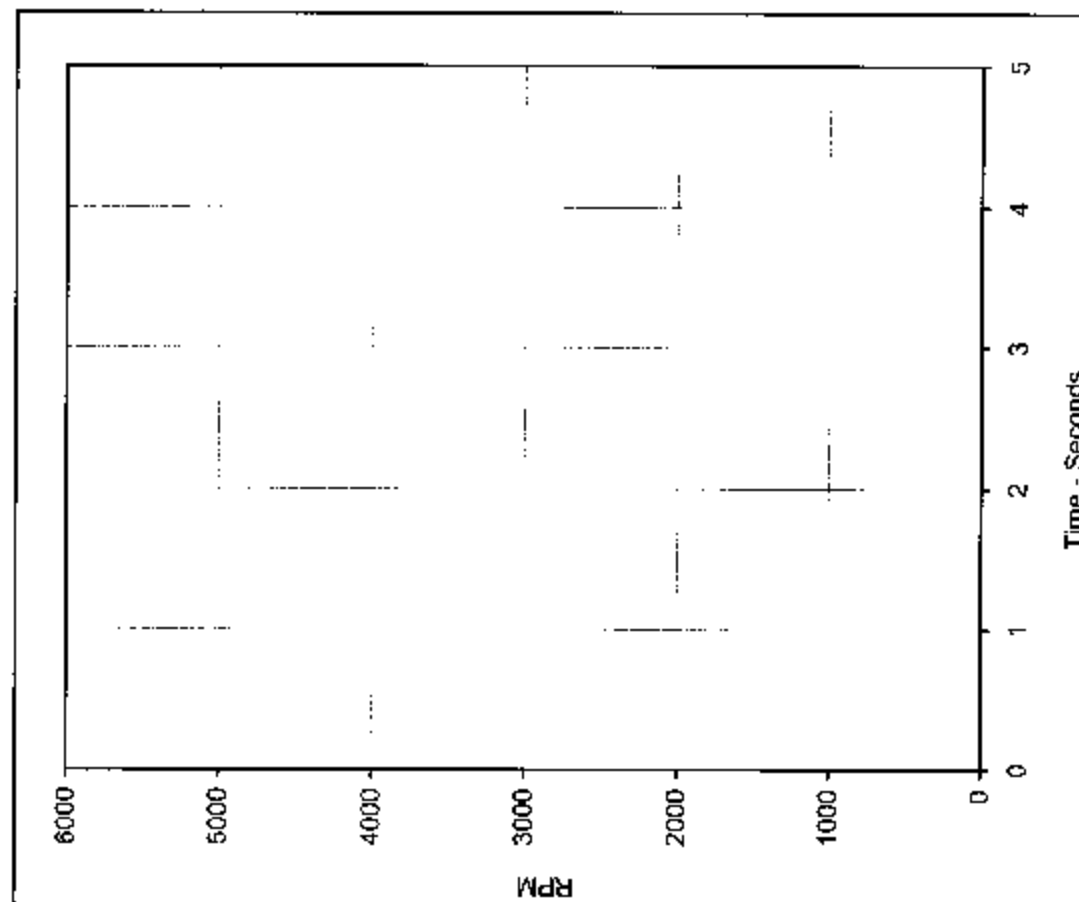
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	100.1	0.0	170.0	5

Test Program:

FMVSS 124 (Normal Operation)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

* No Data

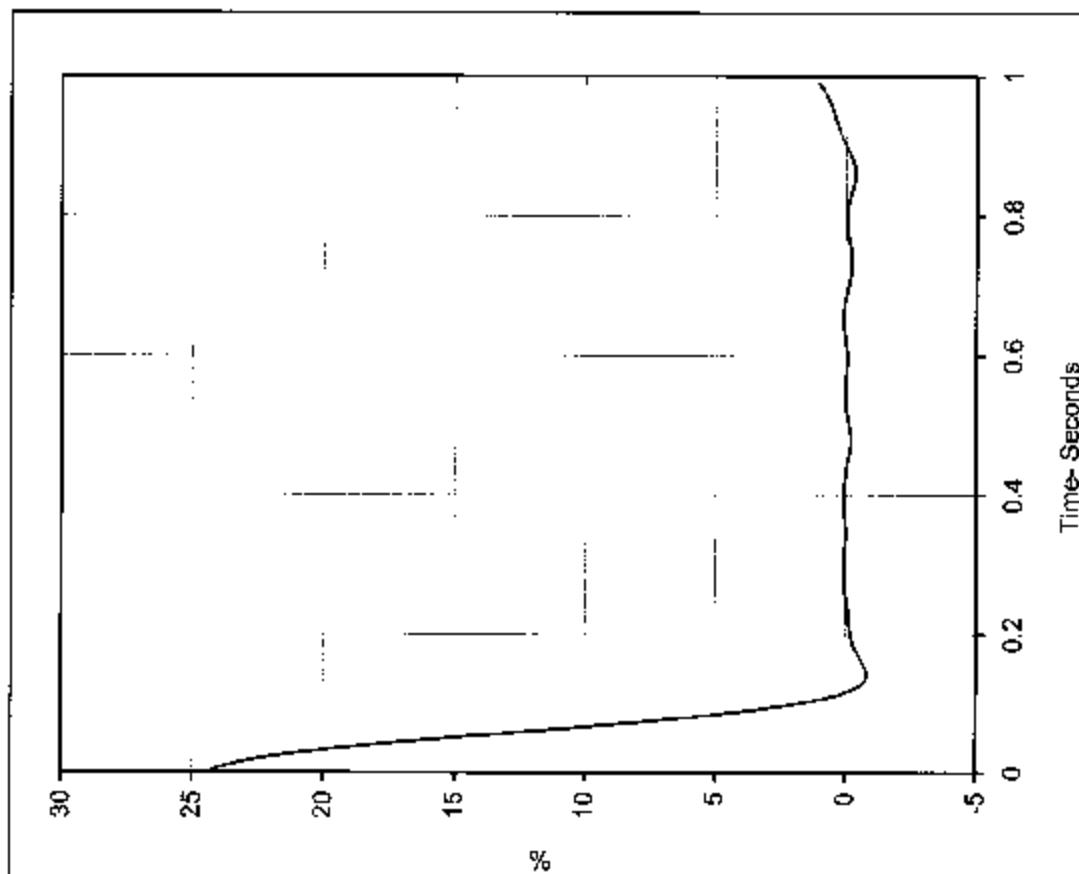
Test Date:

7/17/03

NHTSA No.:

C35303



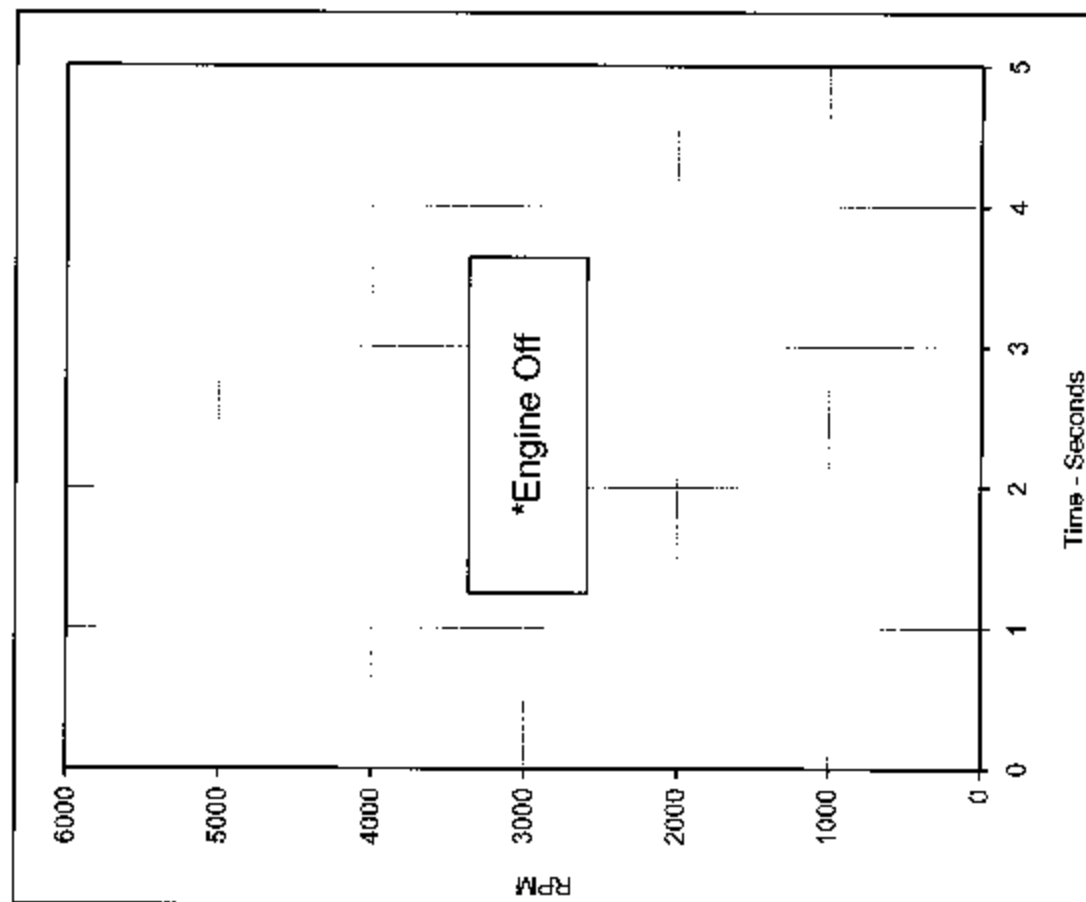


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	24.4	0.0	120.0	5

Test Program:
Test Vehicle:

FMVSS 124 (Normal Operation)
2003 Honda Civic DX 2 Door Coupe



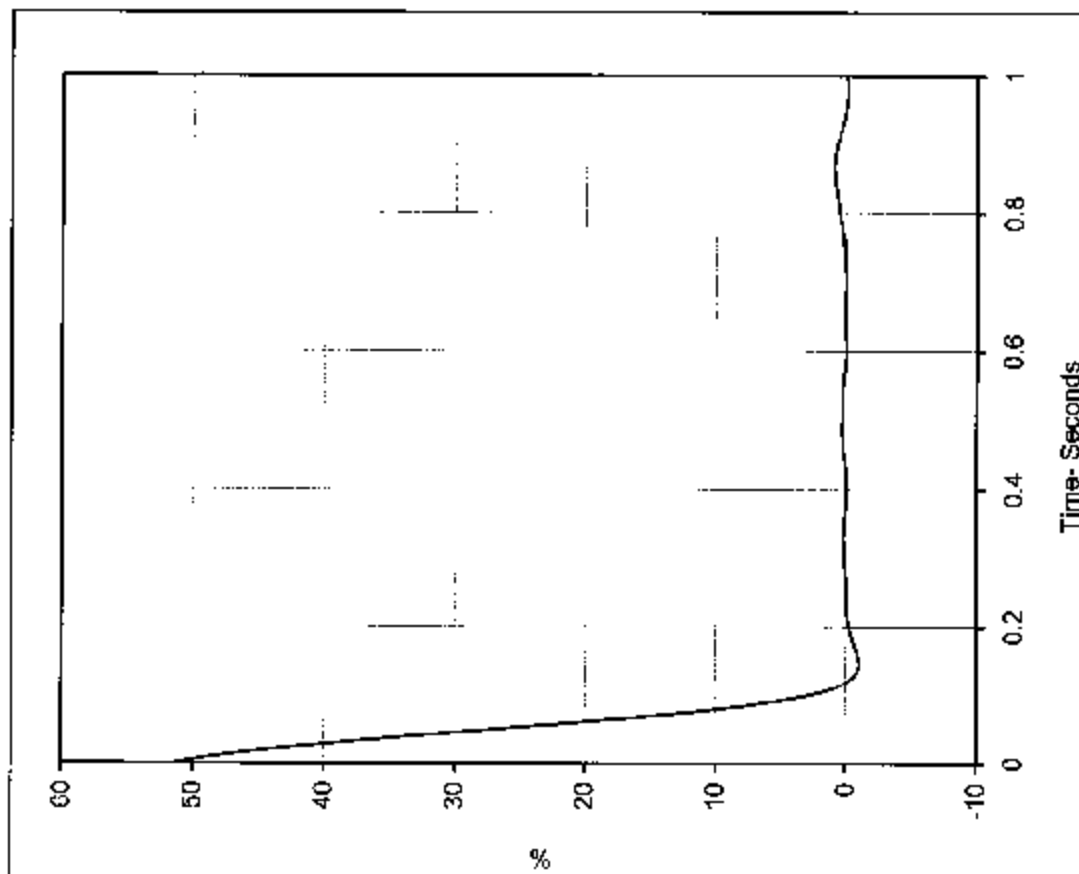
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
NHTSA No.: C35303



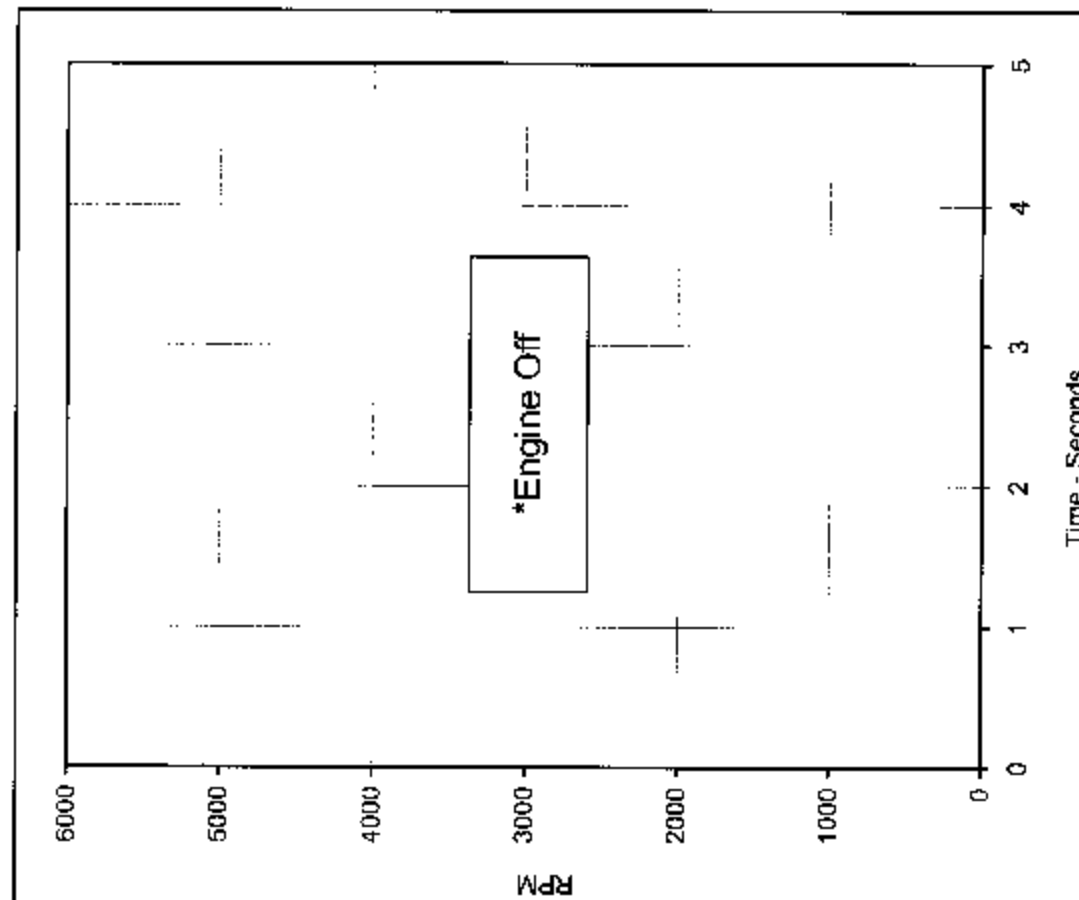


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	51.5	0.0	120.0	5

Test Program:
Test Vehicle:

FMVSS 124 (Normal Operation)
2003 Honda Civic DX 2 Door Coupe



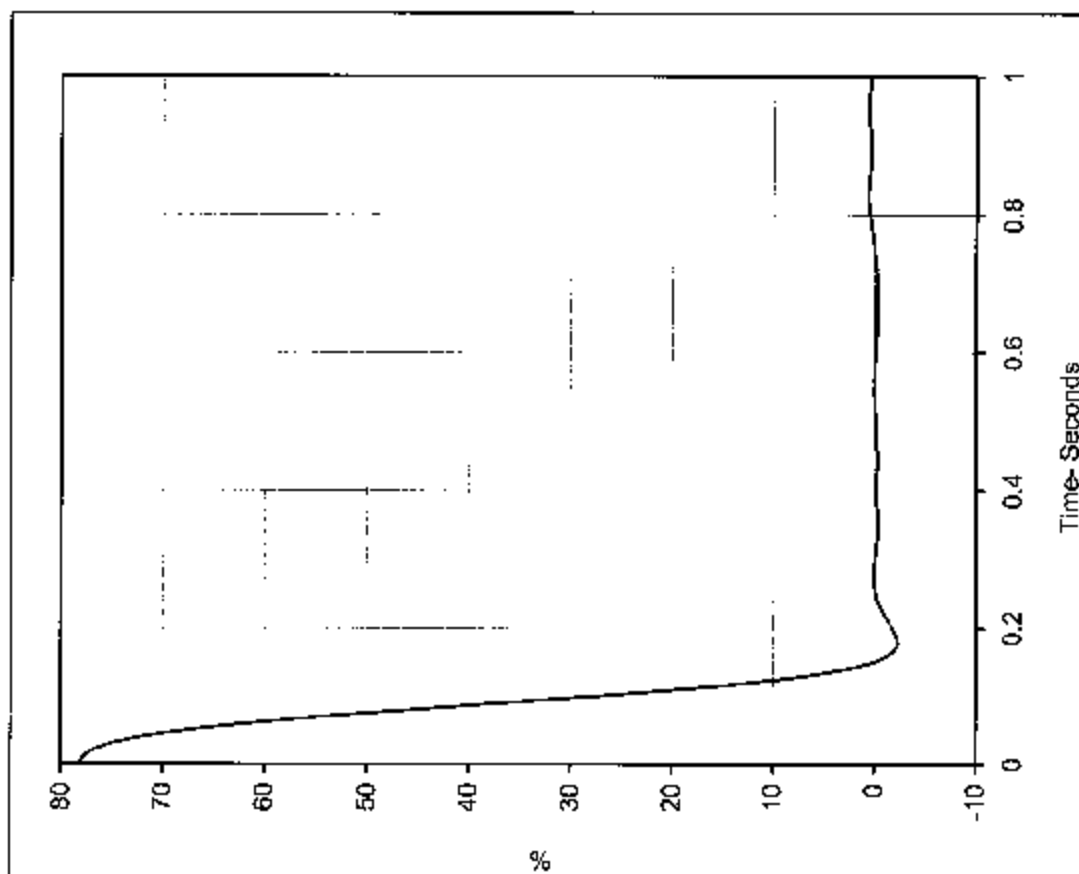
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
NHTSA No.: C35303



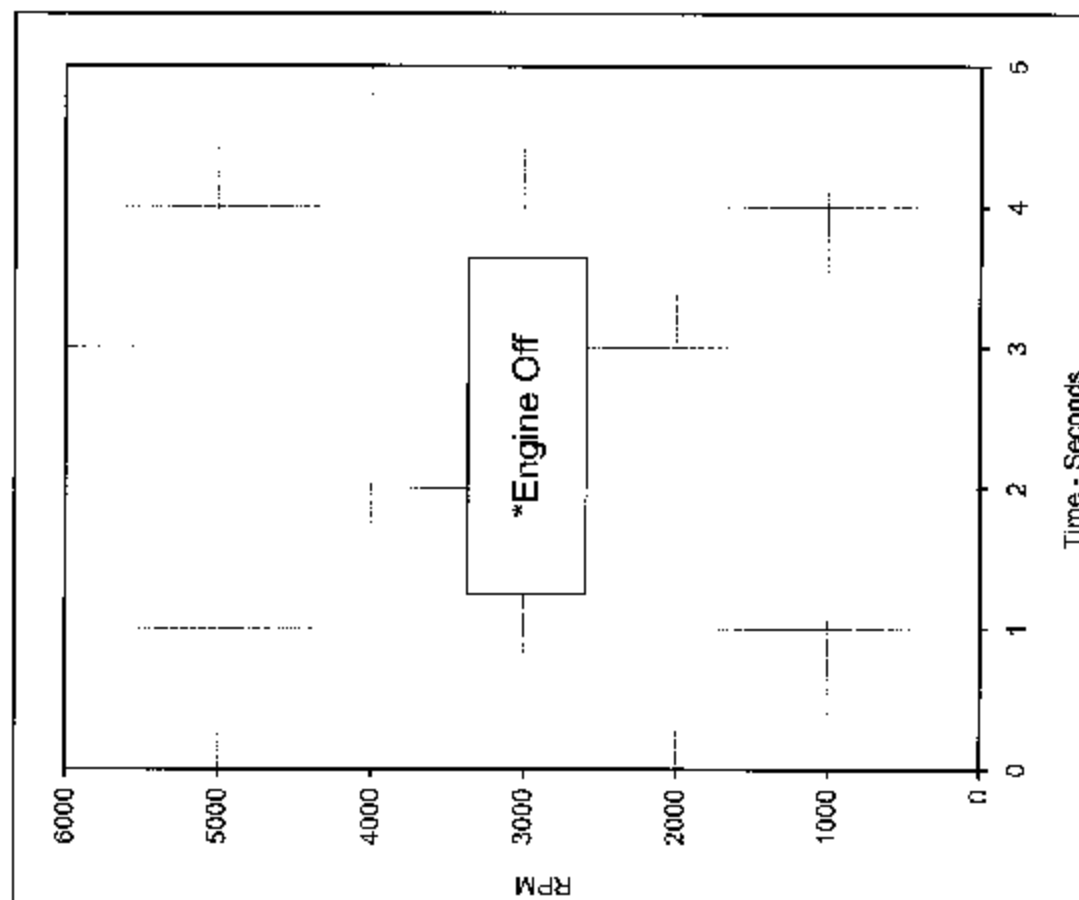


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	78.1	0.0	150.0	5

Test Program:
Test Vehicle:

FMVSS 124 (Normal Operation)
2003 Honda Civic DX 2 Door Coupe



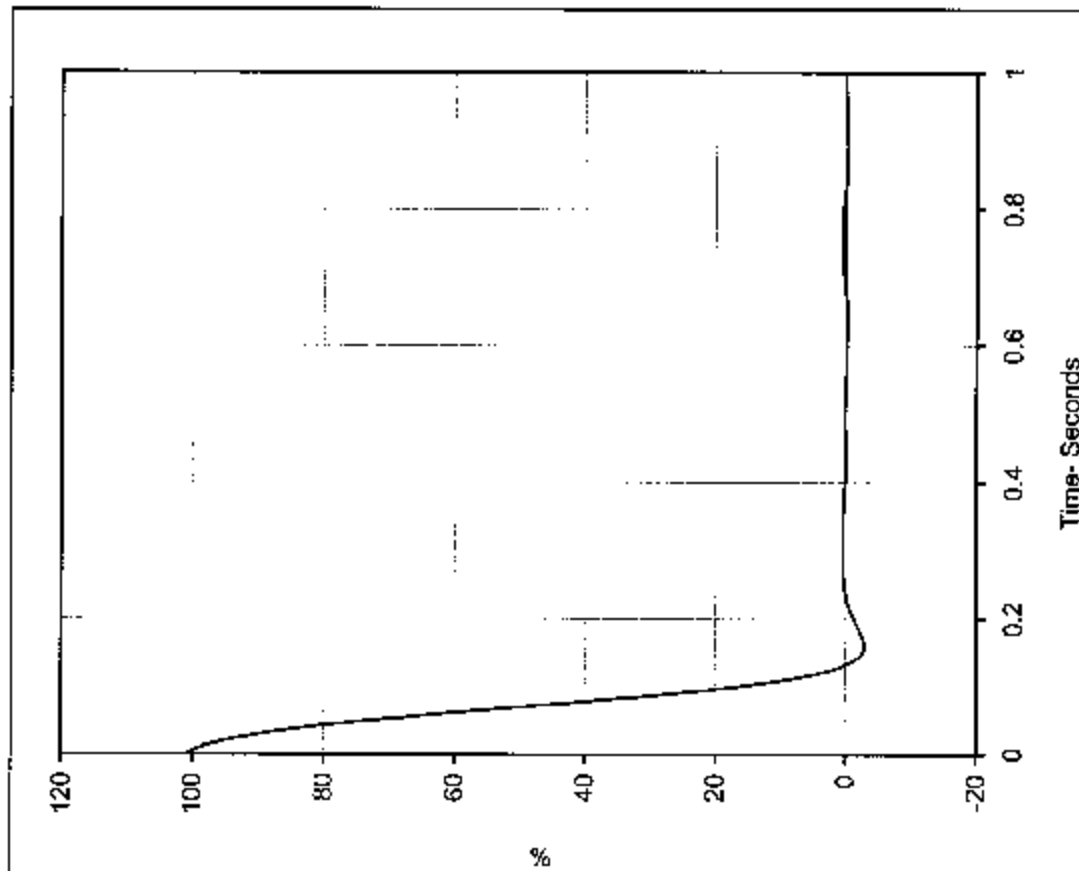
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

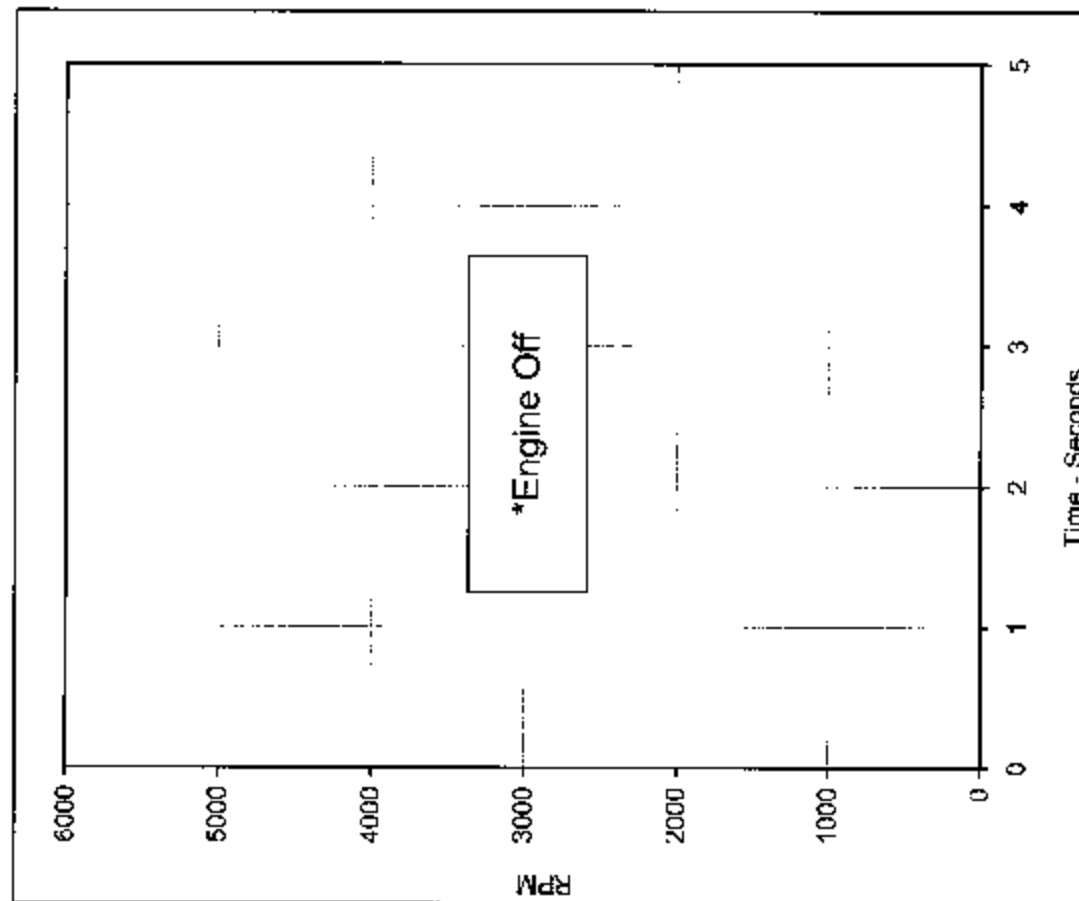
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	100.9	0.0	130.0	5

Test Program:

FMVSS 124 (Normal Operation)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	0.0	0.0	0.0	5

*Engine Off

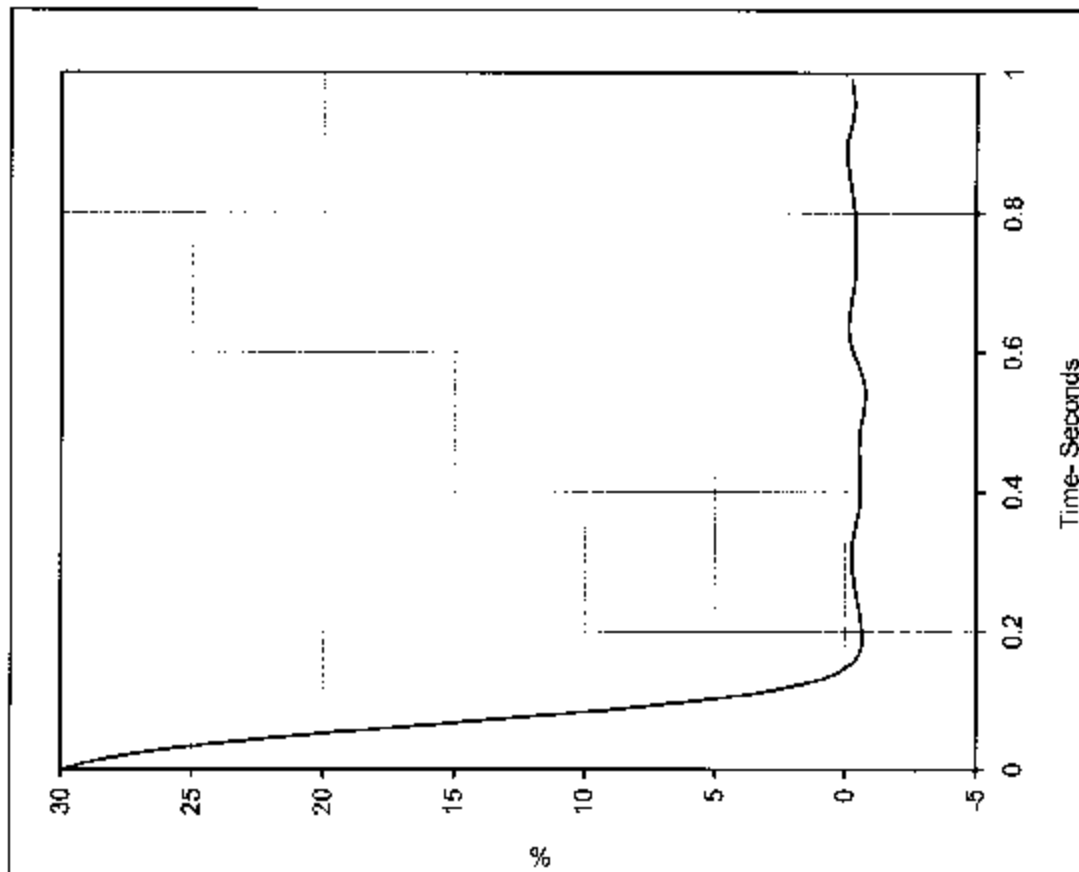
Test Date:

7/17/03

NHTSA No.:

C35303



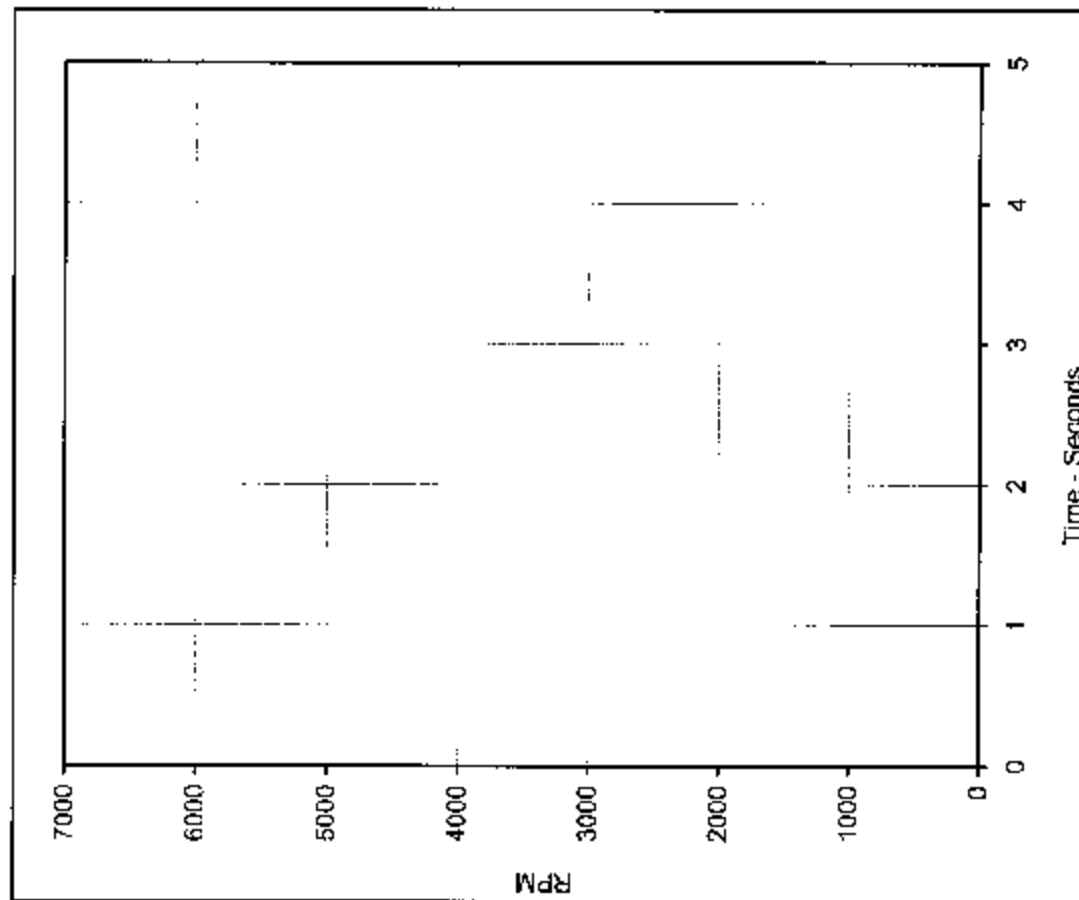


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	29.8	0.0	140.0	5

Test Program:
Test Vehicle:

FMVSS 124 (#1 Spring Disconnected)
2003 Honda Civic DX 2 Door Coupe



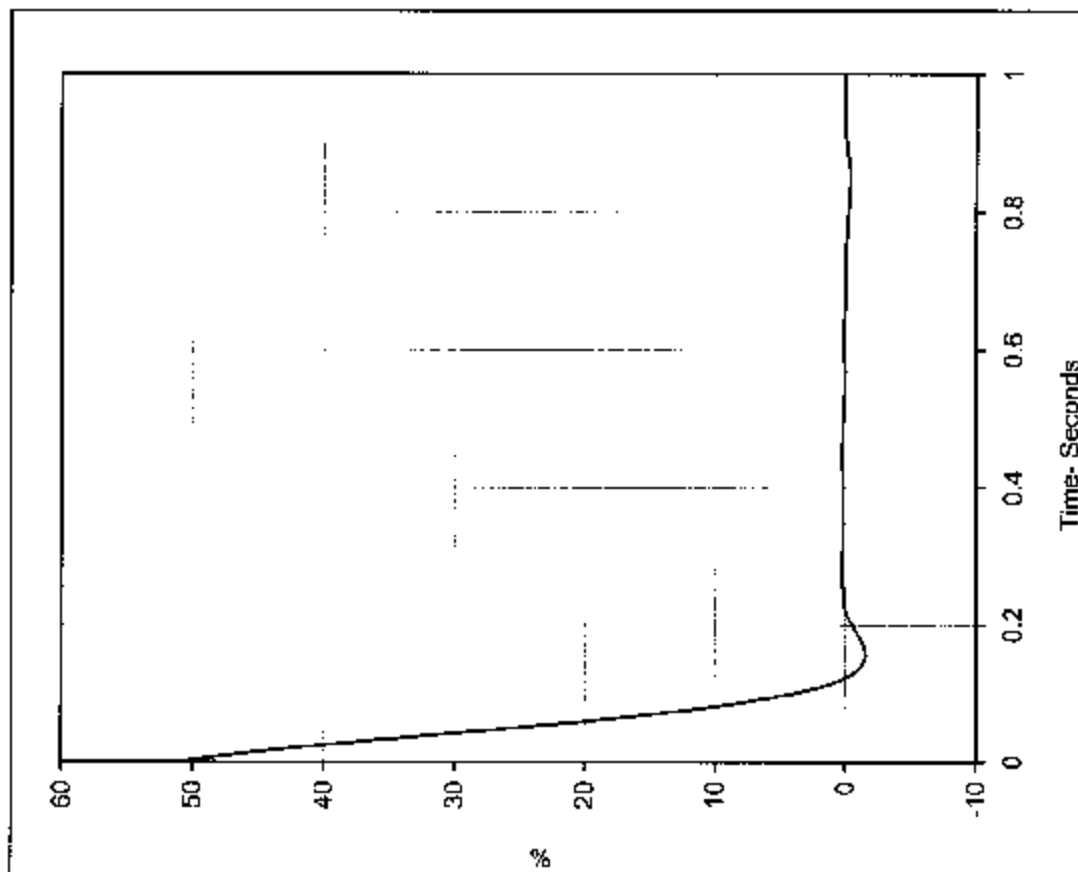
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

* No Data

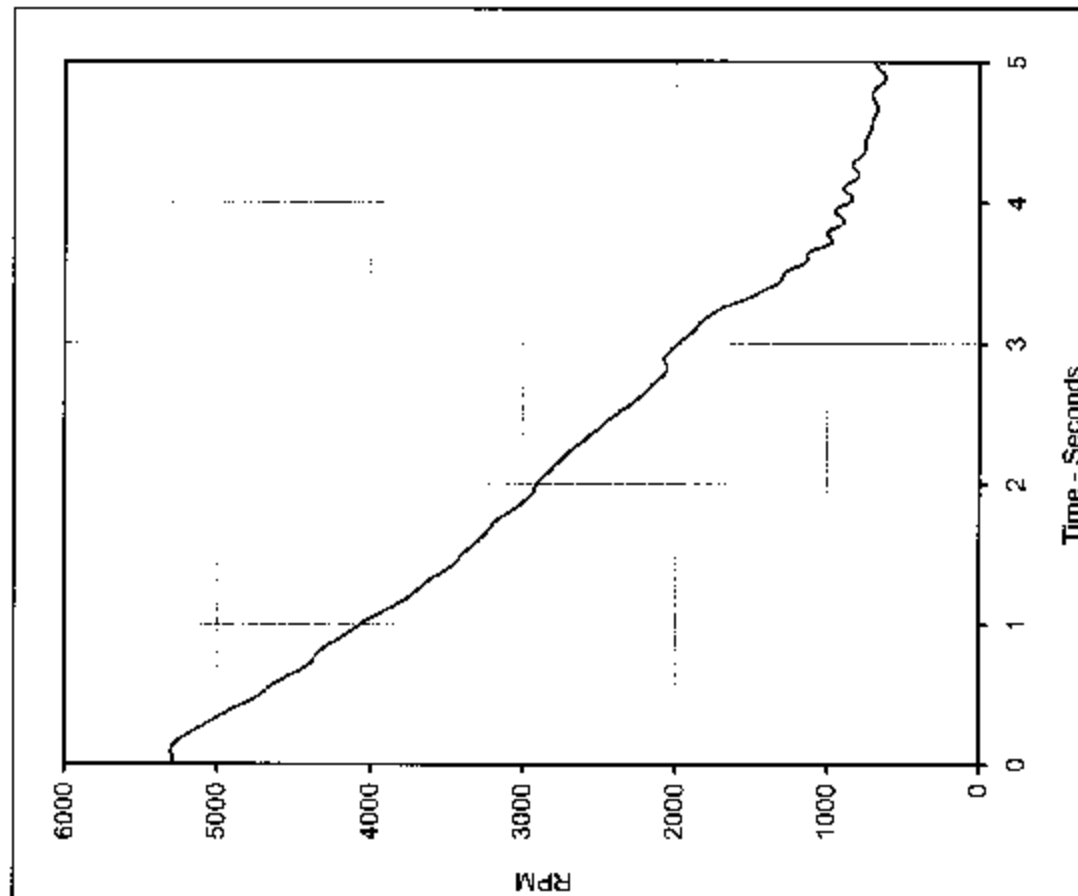
Test Date: 7/17/03
NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	51.3	0.0	120.0	5



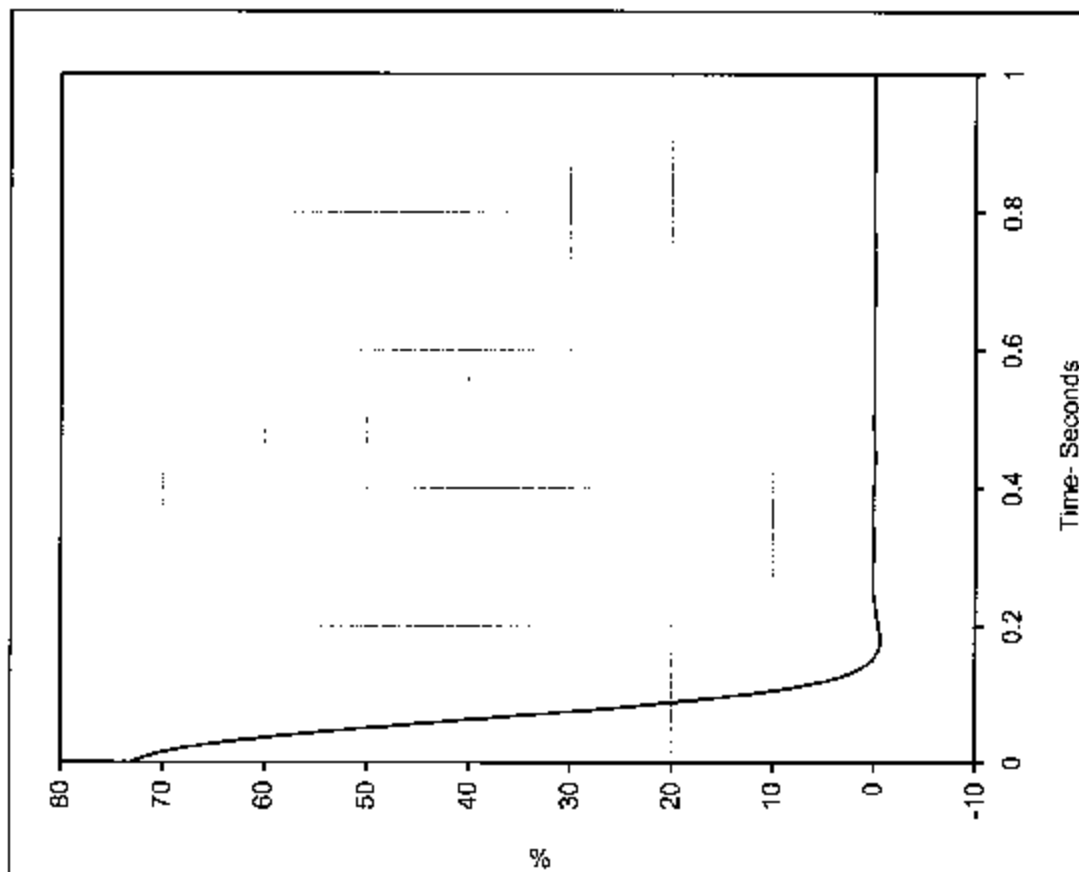
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Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	5303.1	0.1	621.0	4.9	5



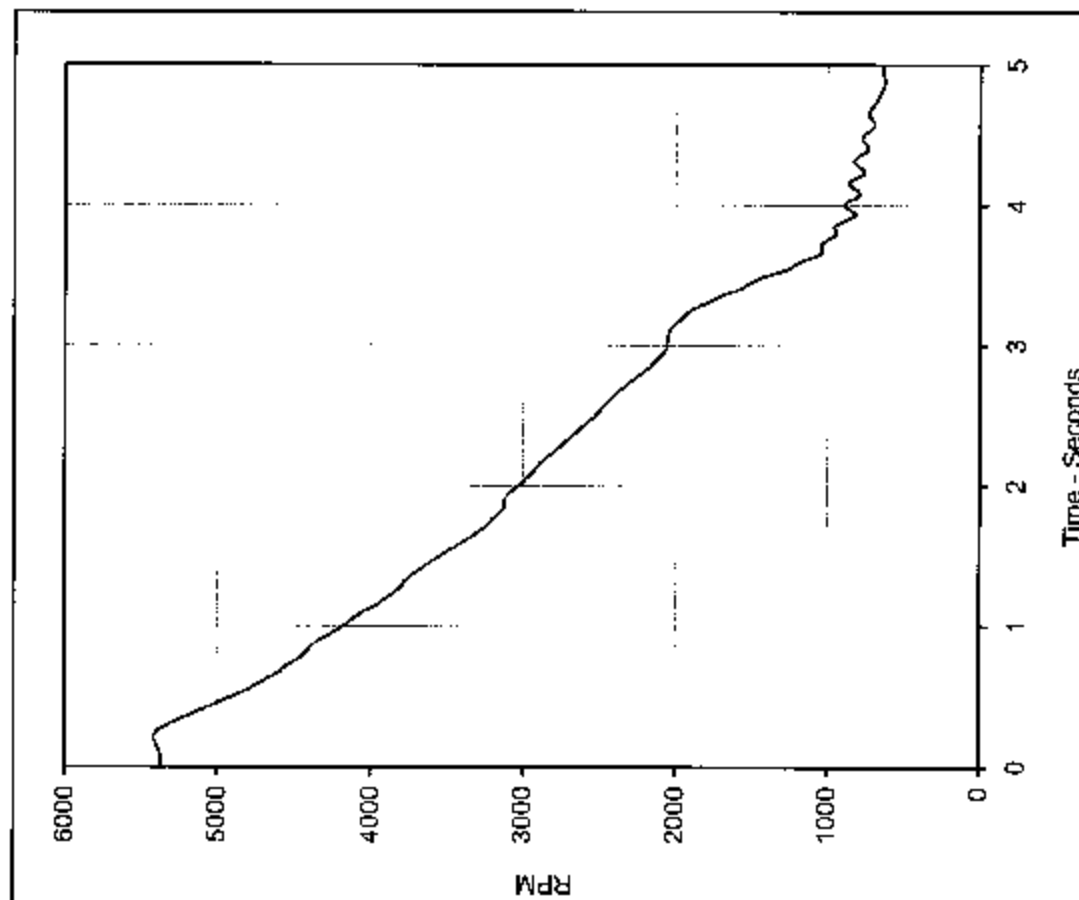
Test Date: 7/17/03
NHTSA No.: C35303

Test Program: FMVSS 124 (#1 Spring Disconnected)
Test Vehicle: 2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	73.1	0.0	150.0	5



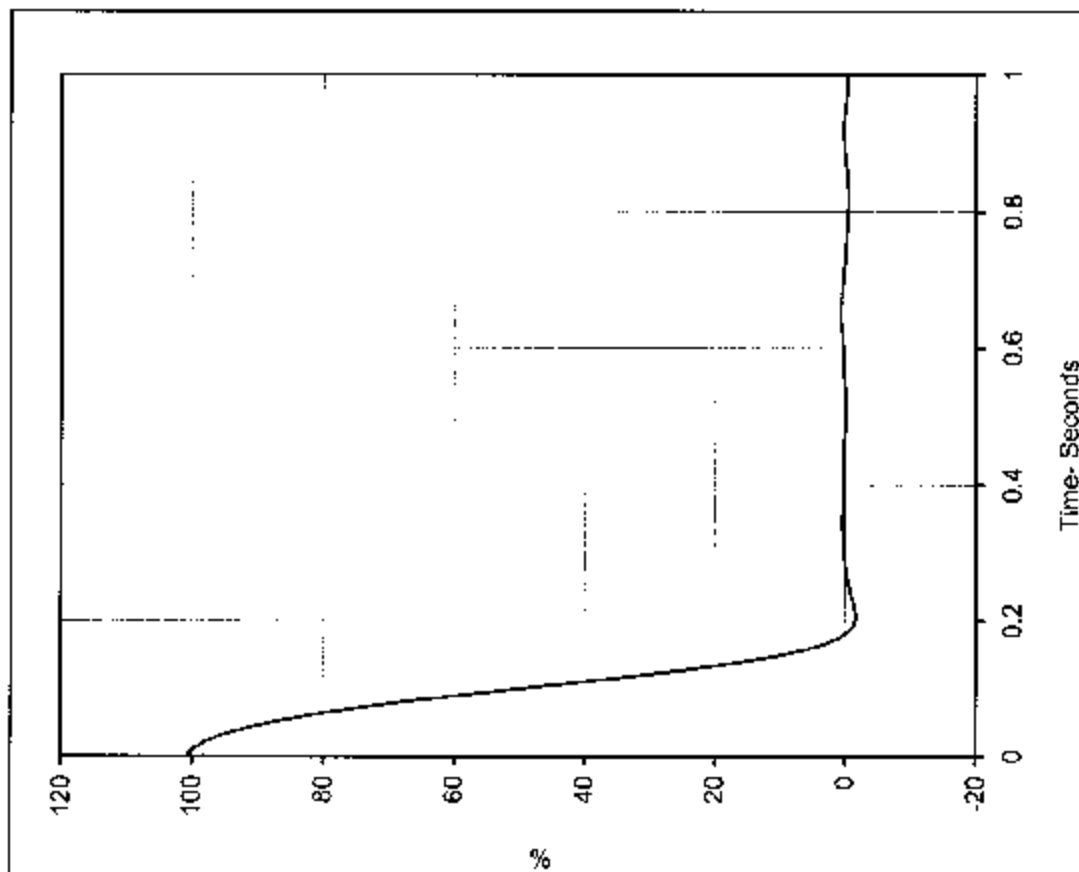
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5417.8	0.2	628.1	5



Test Date: 7/17/03
NHTSA No.: C35303

Test Program: FMVSS 124 (#1 Spring Disconnected)
Test Vehicle: 2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

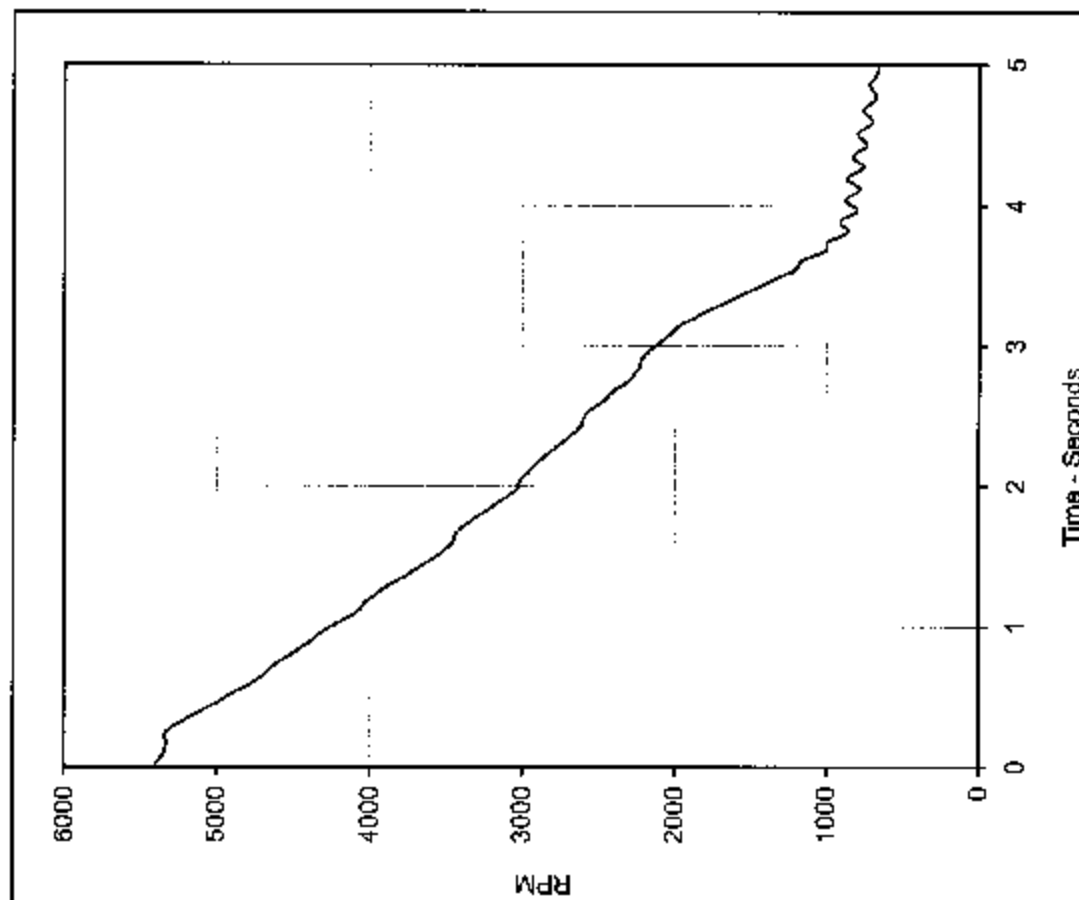
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	100.8	0.0	180.0	5

Test Program:

FMVSS 124 (#1 Spring Disconnected)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5407.2	0.0	664.2	5

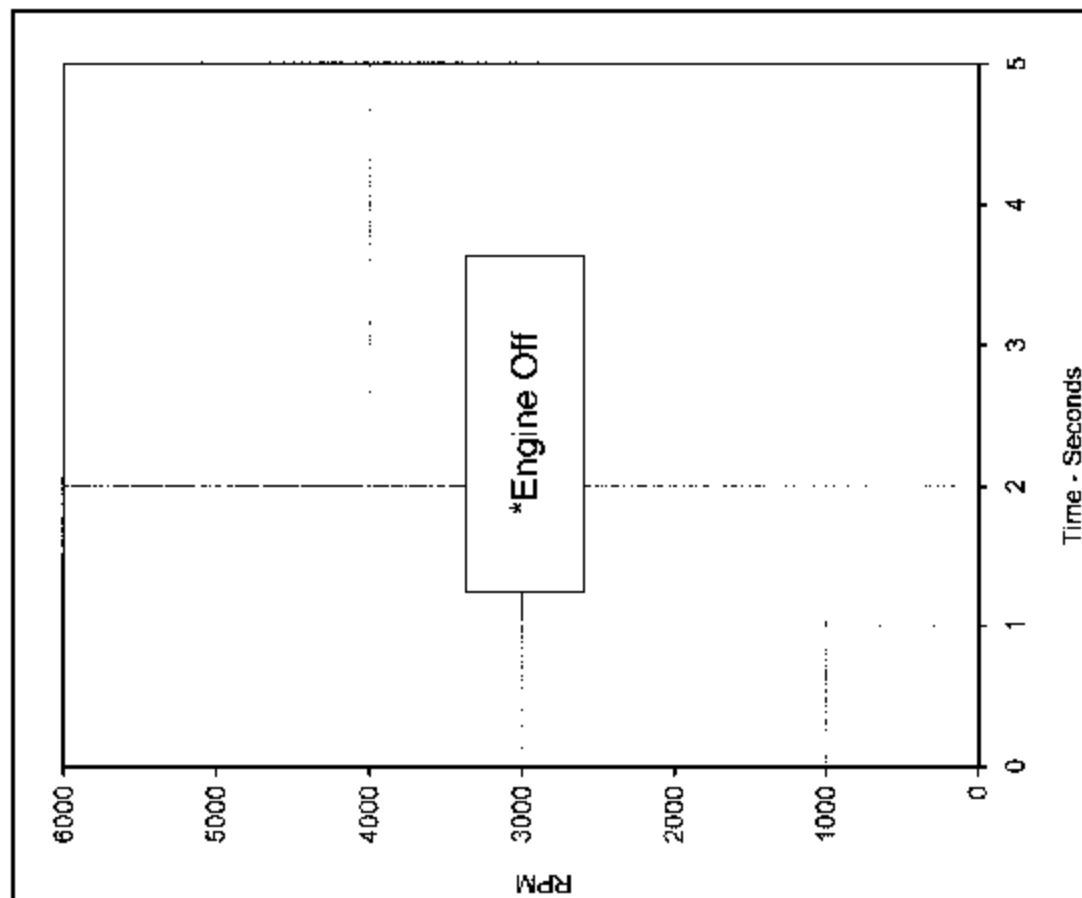
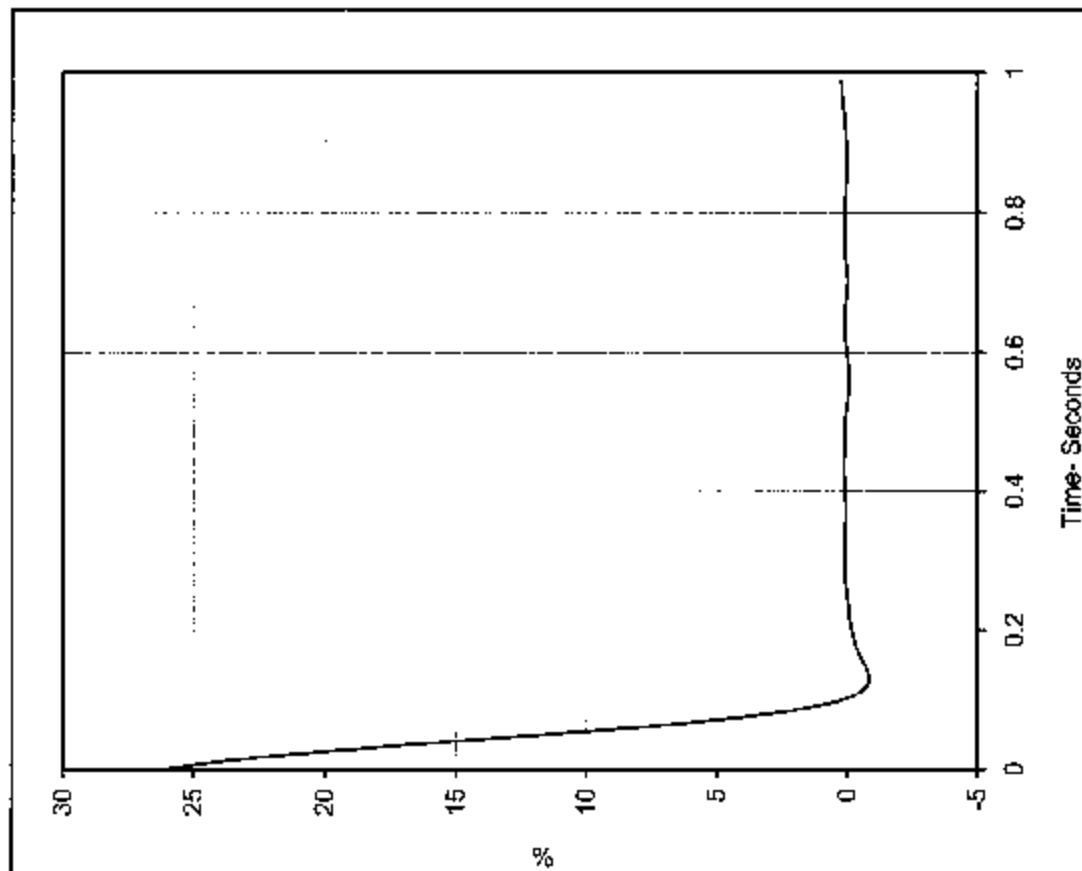
Test Date:

7/17/03

NHTSA No.:

C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

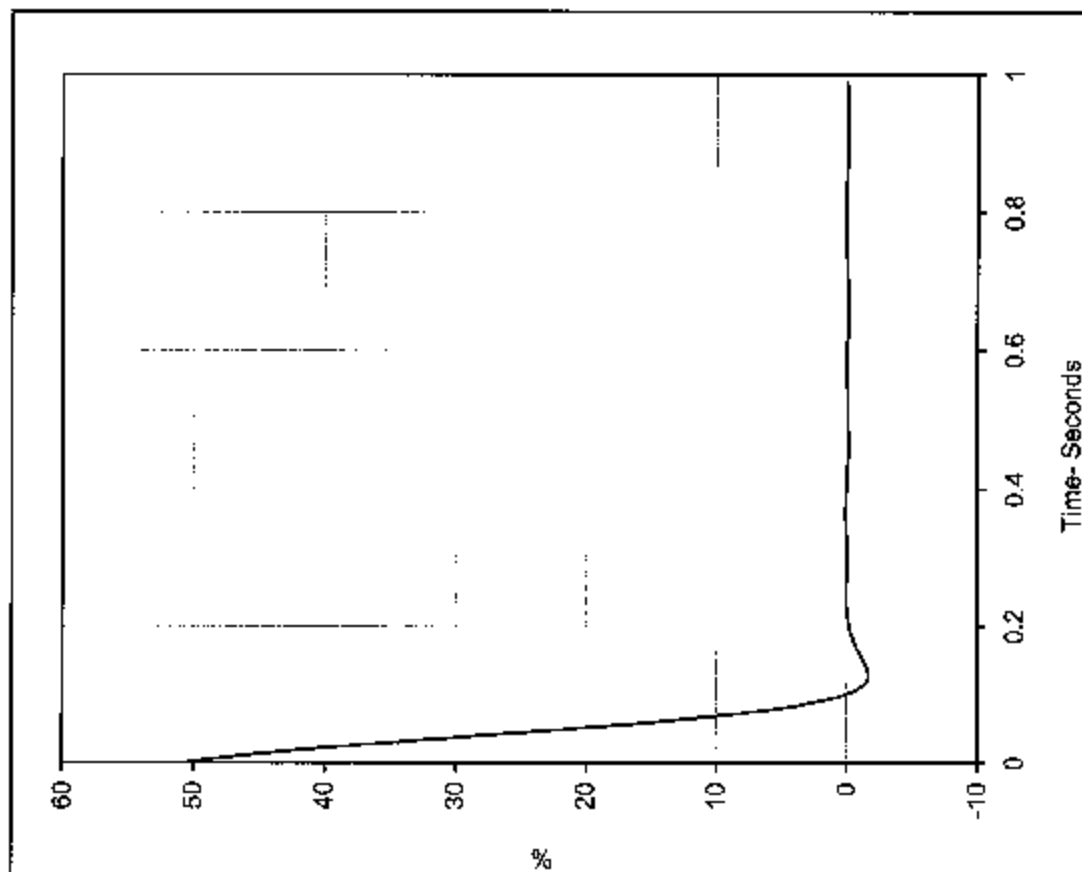
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Test Program:
Test Vehicle:

FMVSS 124 (#1 Spring Disconnected)
2003 Honda Civic DX 2 Door Coupe

*Engine Off
Test Date: 7/17/03
NHTSA No.: C35303



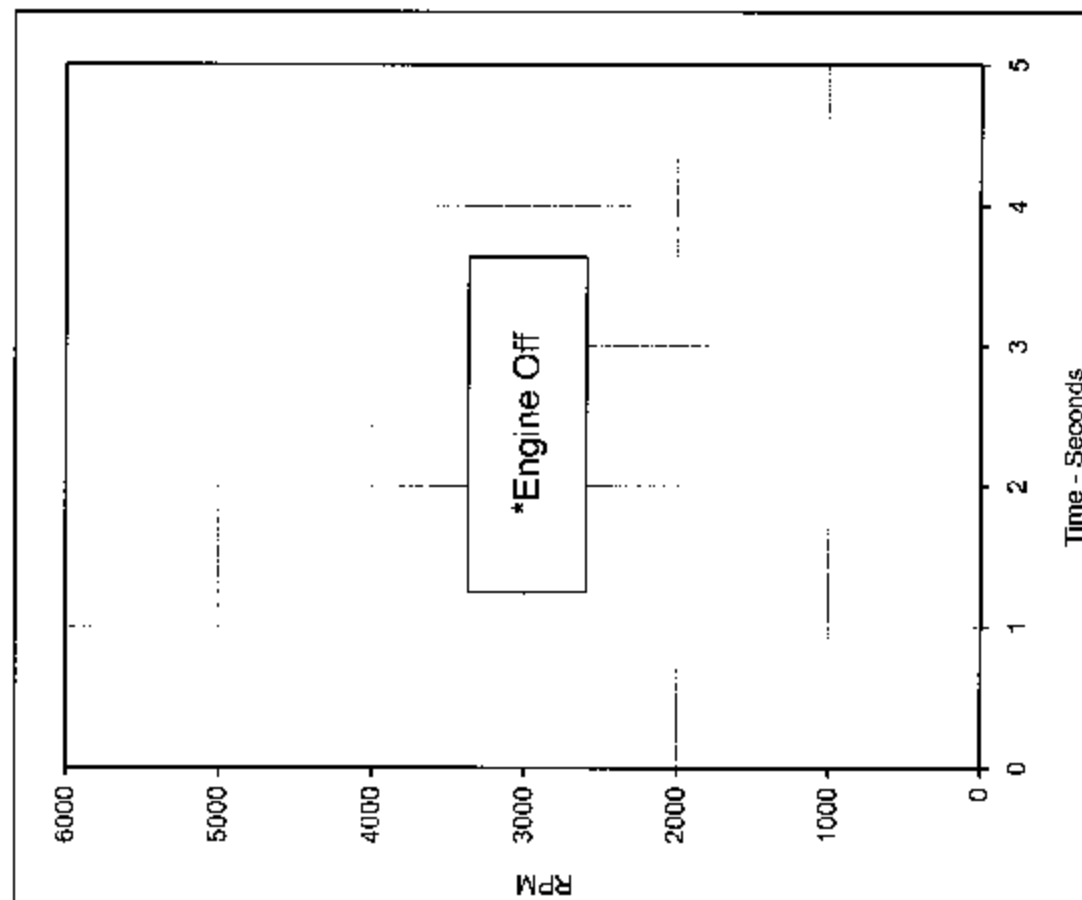


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	50.9	0.0	100.0	5

Test Program:
Test Vehicle:

FMVSS 124 (#1 Spring Disconnected)
2003 Honda Civic DX 2 Door Coupe



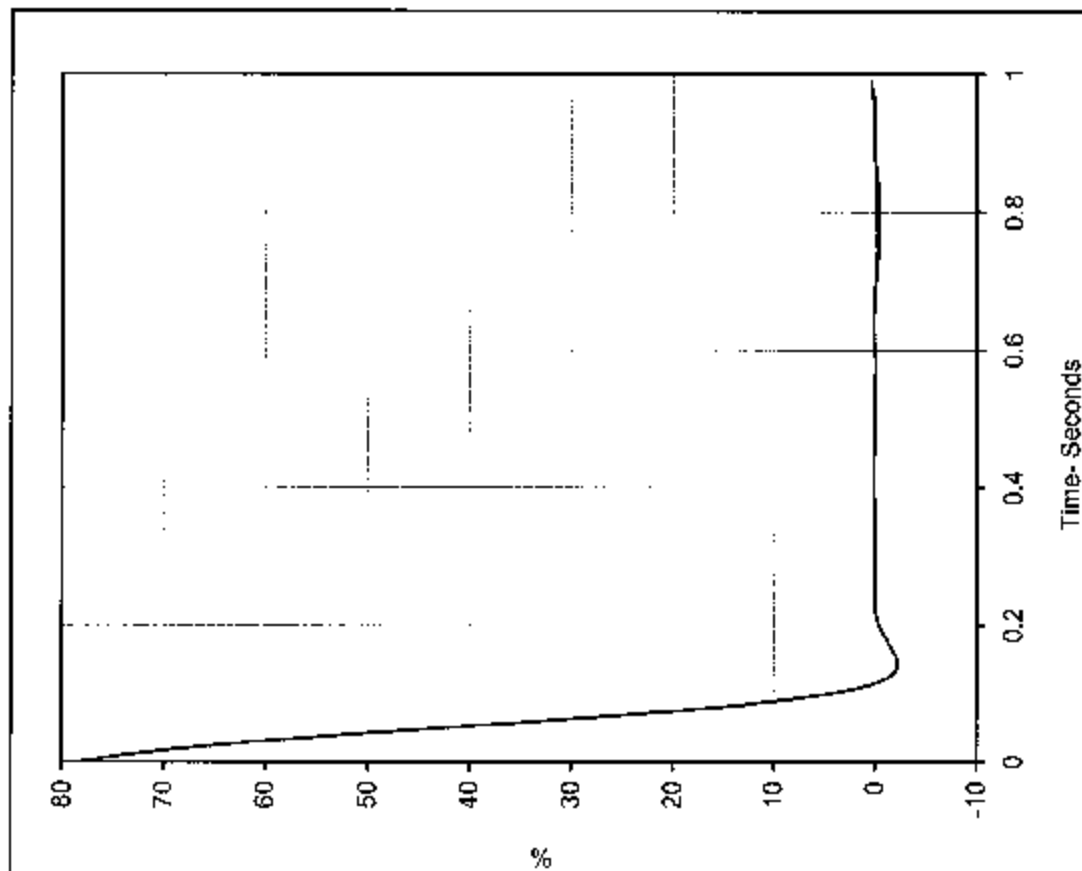
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
NHTSA No.: C35303



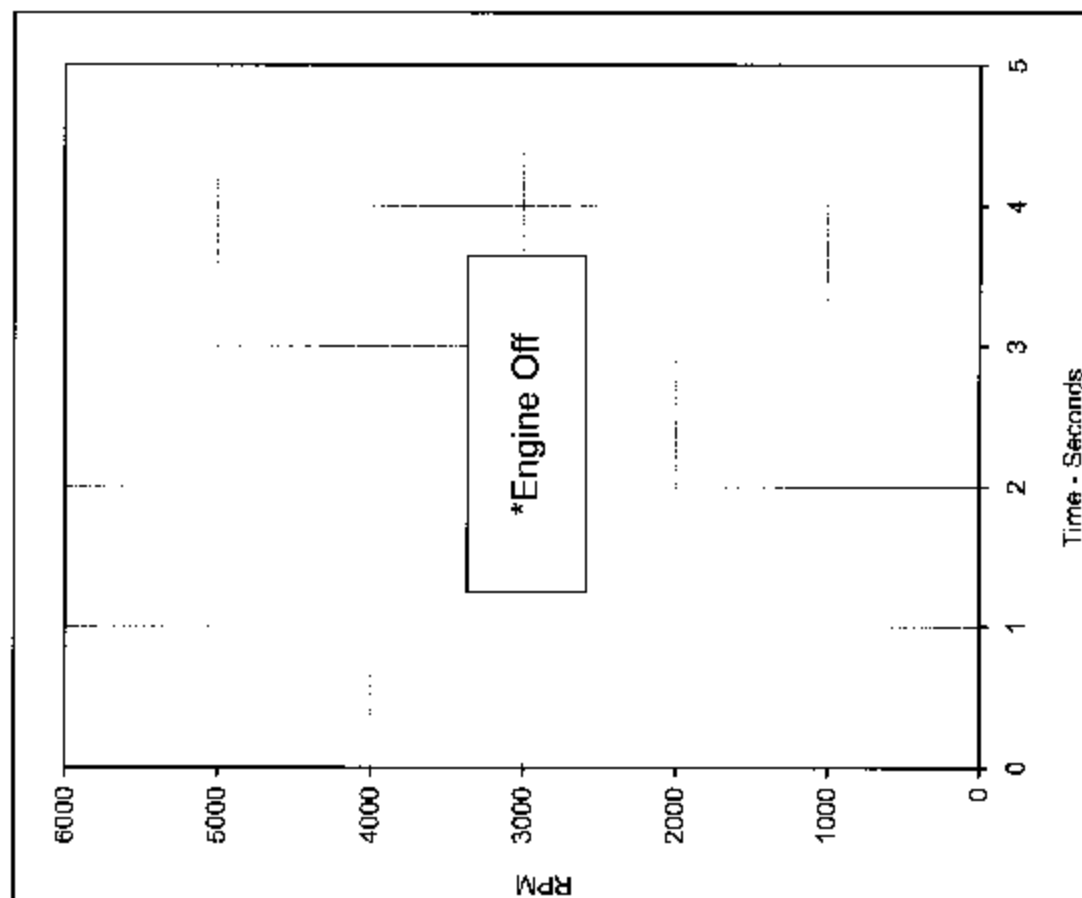


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	78.2	0.0	110.0	5

Test Program:
Test Vehicle:

FMVSS 124 (#1 Spring Disconnected)
2003 Honda Civic DX 2 Door Coupe



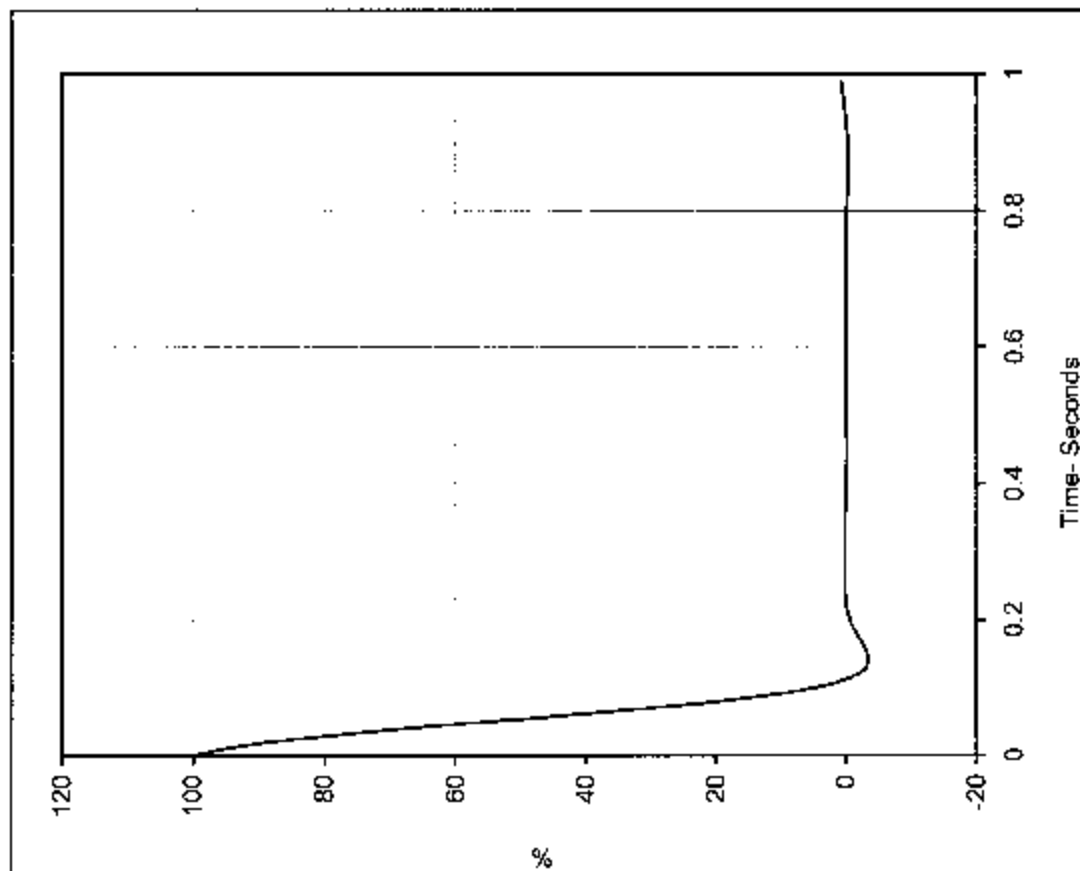
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
NHTSA No.: C35303

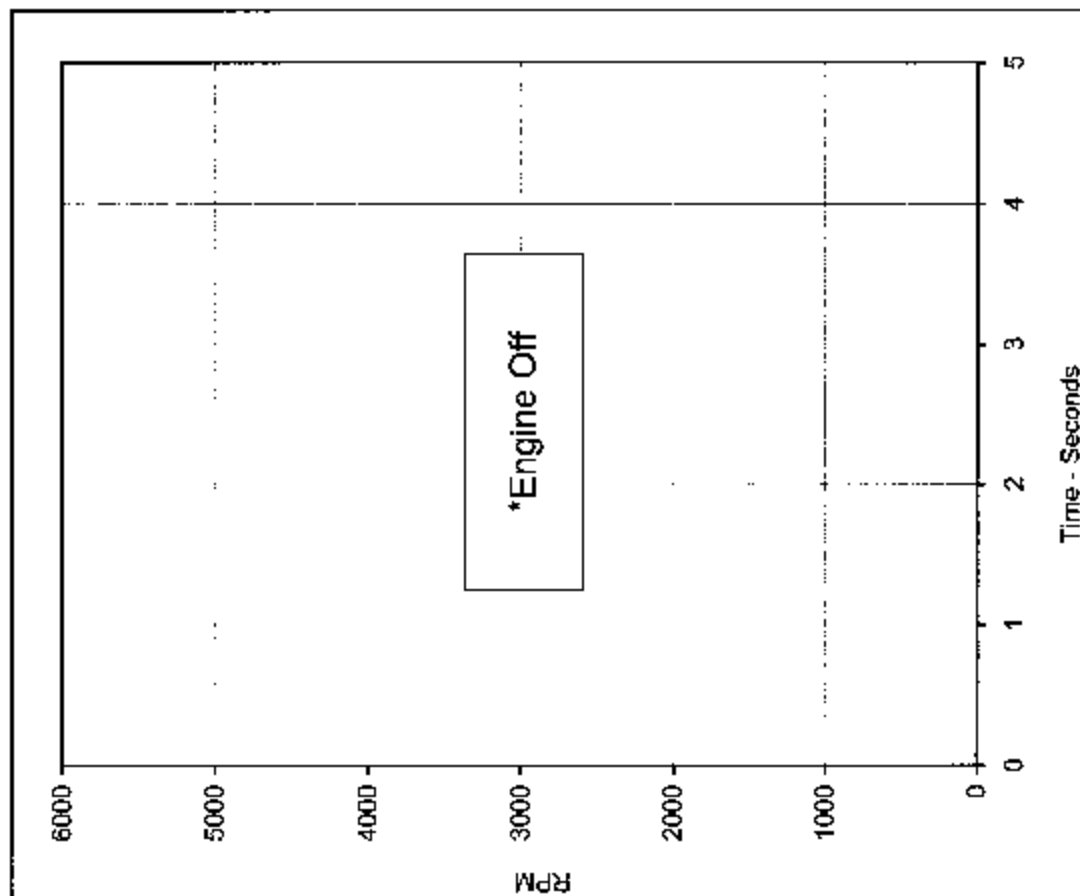




Curve Description	CURNO	Type
Throttle Position vs. Time	001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	100.2	0.0	110.0	5

Test Program: FMVSS 124 (#1 Spring Disconnected)
 Test Vehicle: 2003 Honda Civic DX 2 Door Coupe



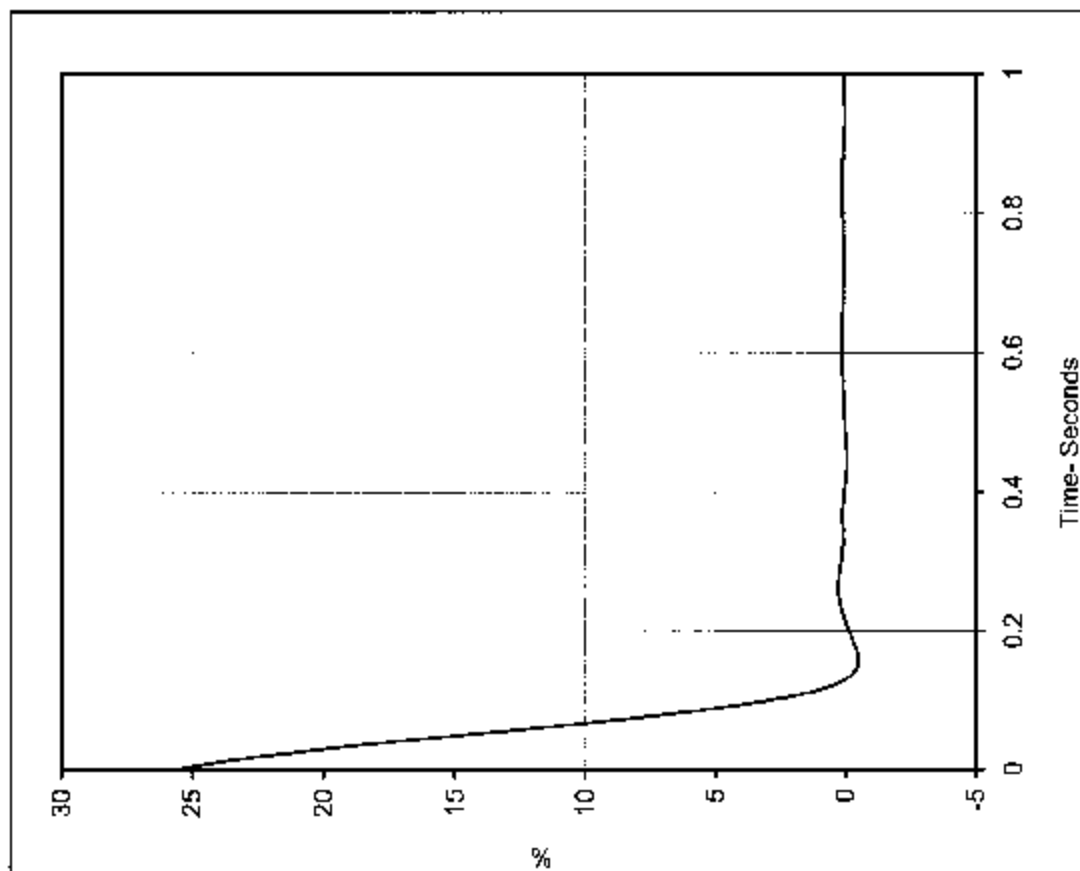
Curve Description	CURNO	Type
Engine RPM vs. Time	002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
 NHTSA No.: C35303

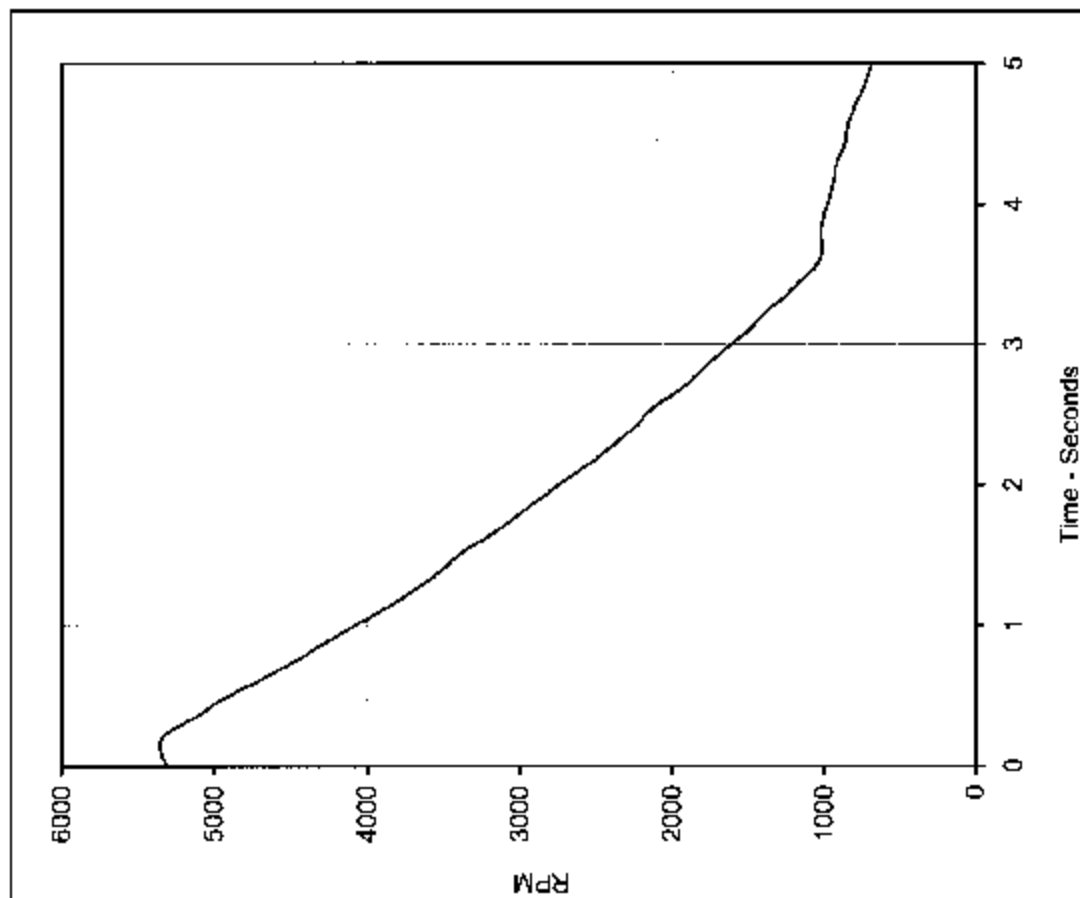




Curve Description	CURNO	Type
Throttle Position vs. Time	001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	25.7	0.0	130.0	5

Test Program: FMVSS 124 (#2 Spring Disconnected)
 Test Vehicle: 2003 Honda Civic DX 2 Door Coupe

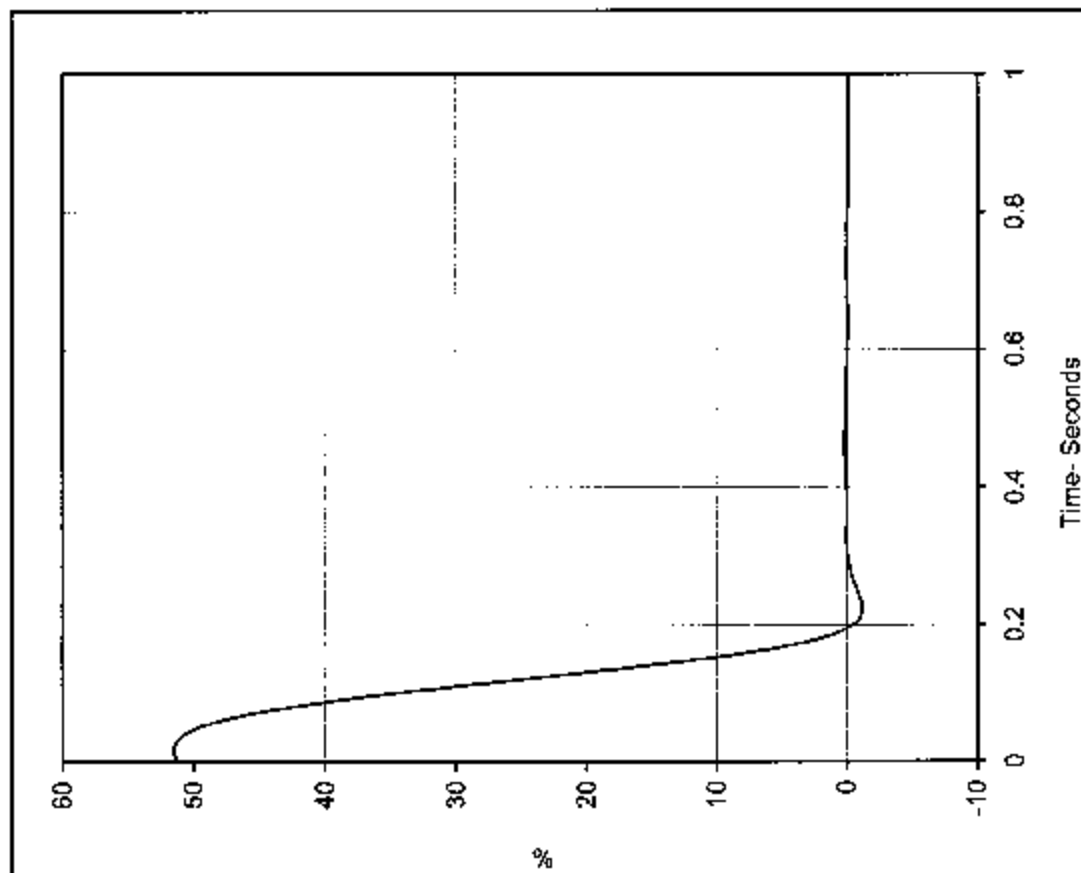


Curve Description	CURNO	Type
Engine RPM vs. Time	002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5354.9	0.2	689.1	5

Test Date: 7/17/03
 NHTSA No.: C35303

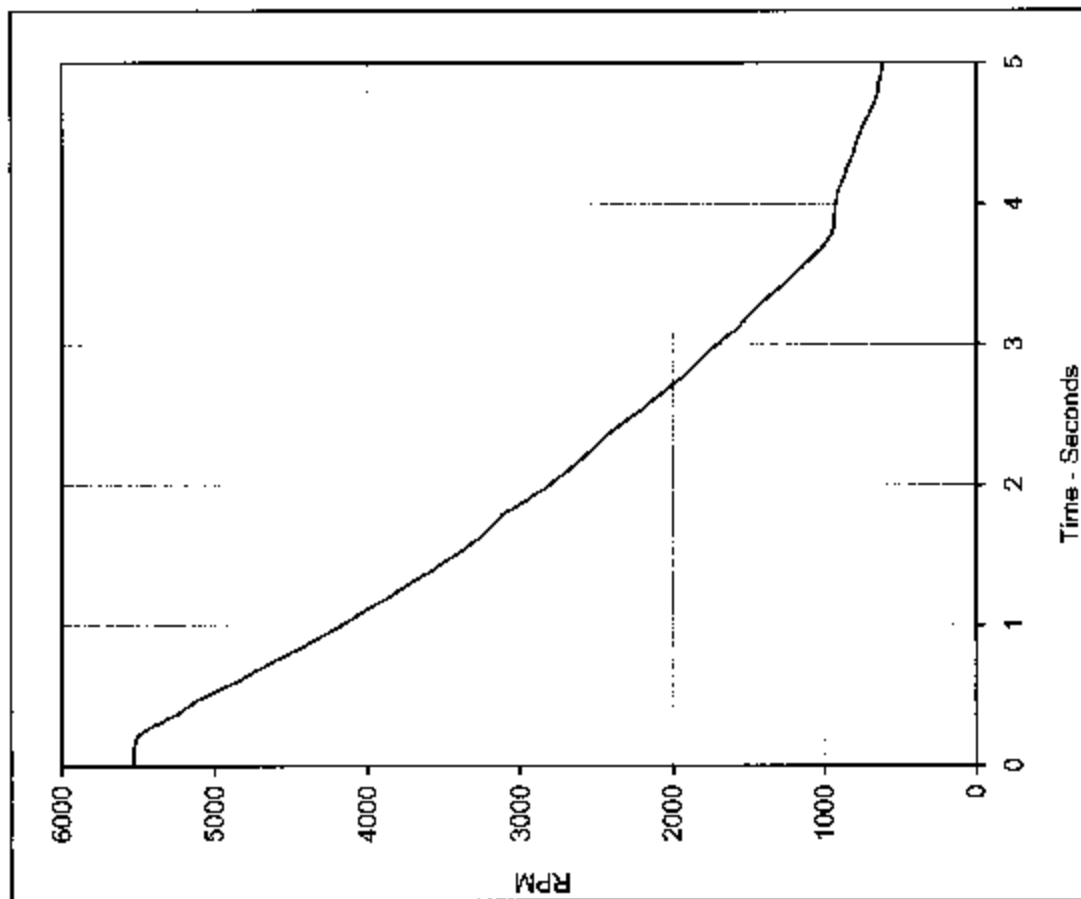




Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	51.5	0.0	190.0	5

Test Program: FMVSS 124 (#2 Spring Disconnected)
 Test Vehicle: 2003 Honda Civic DX 2 Door Coupe

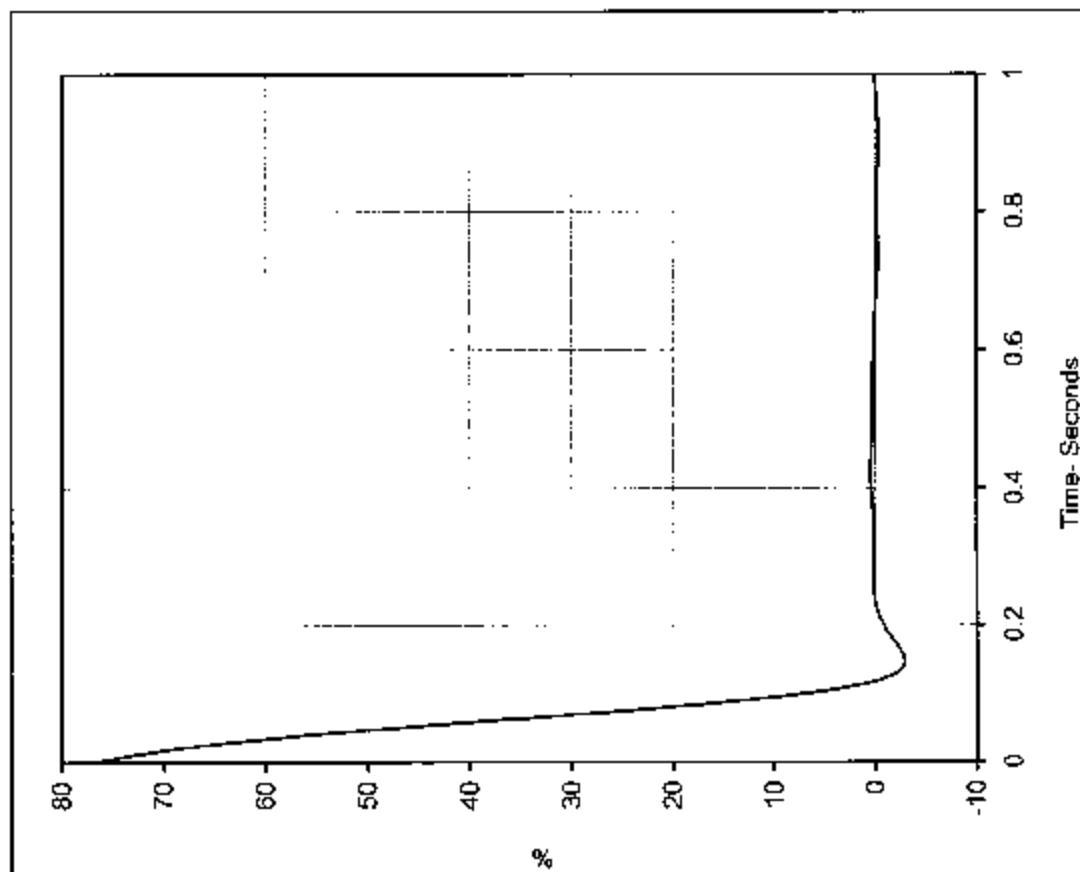


Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5536.6	0.0	616.3	5

Test Date: 7/17/03
 NHTSA No.: C35903





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

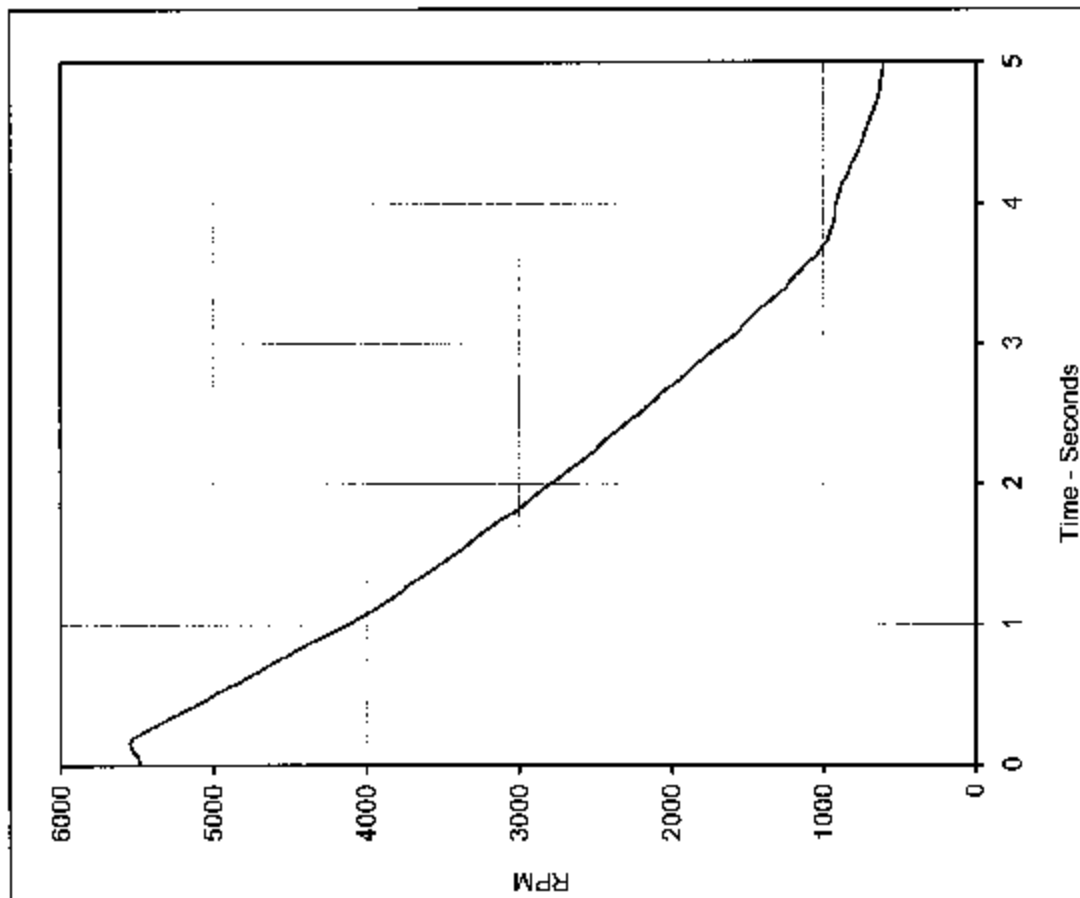
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	76.9	0.0	120.0	5

Test Program:

FMVSS 124 (#2 Spring Disconnected)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5547.8	0.2	602.0	5

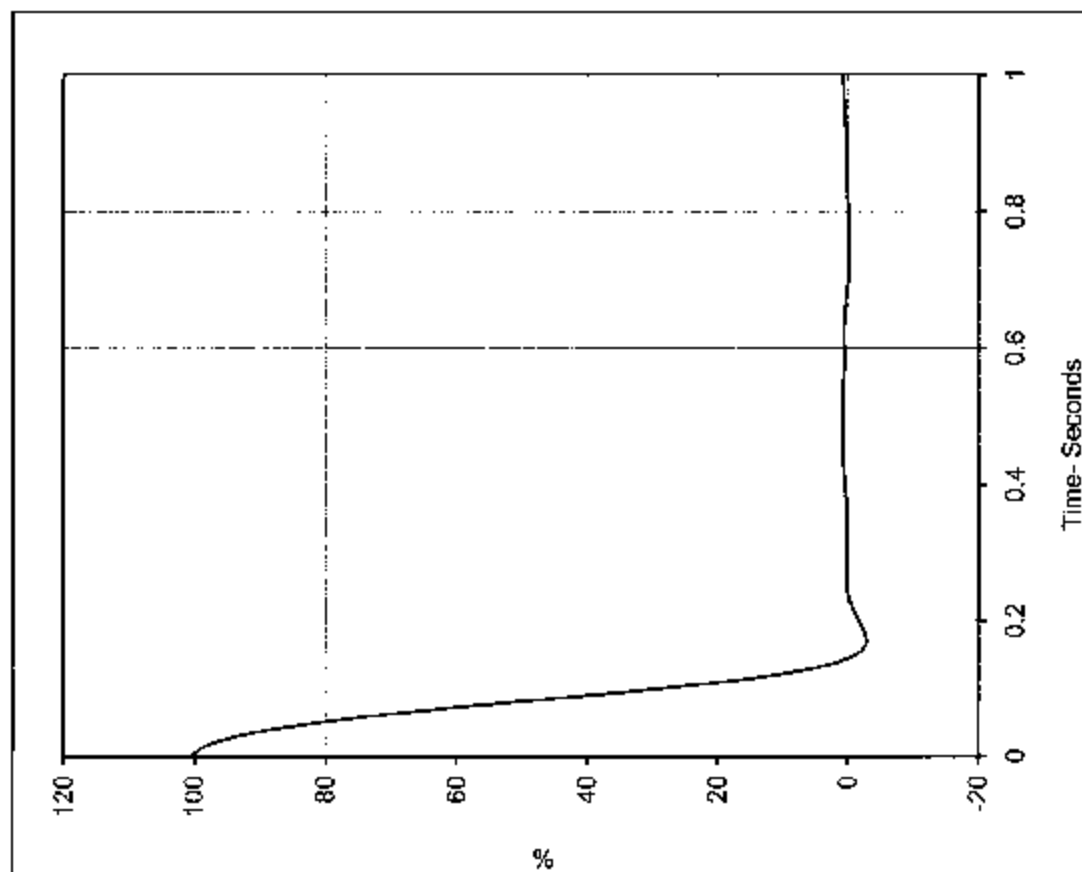
Test Date:

7/17/03

NHTSA No.:

C35303

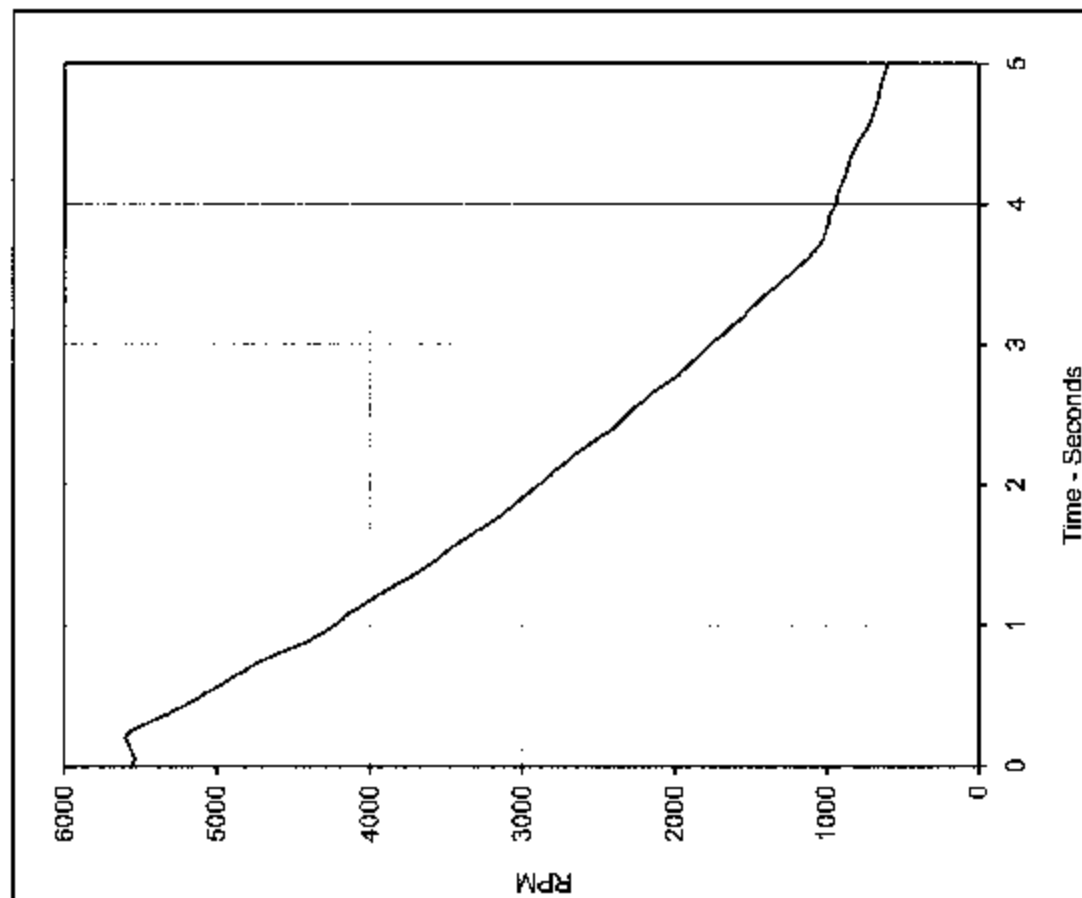




Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	100.4	0.0	140.0	5

Test Program: FMVSS 124 (#2 Spring Disconnected)
 Test Vehicle: 2003 Honda Civic DX 2 Door Coupe

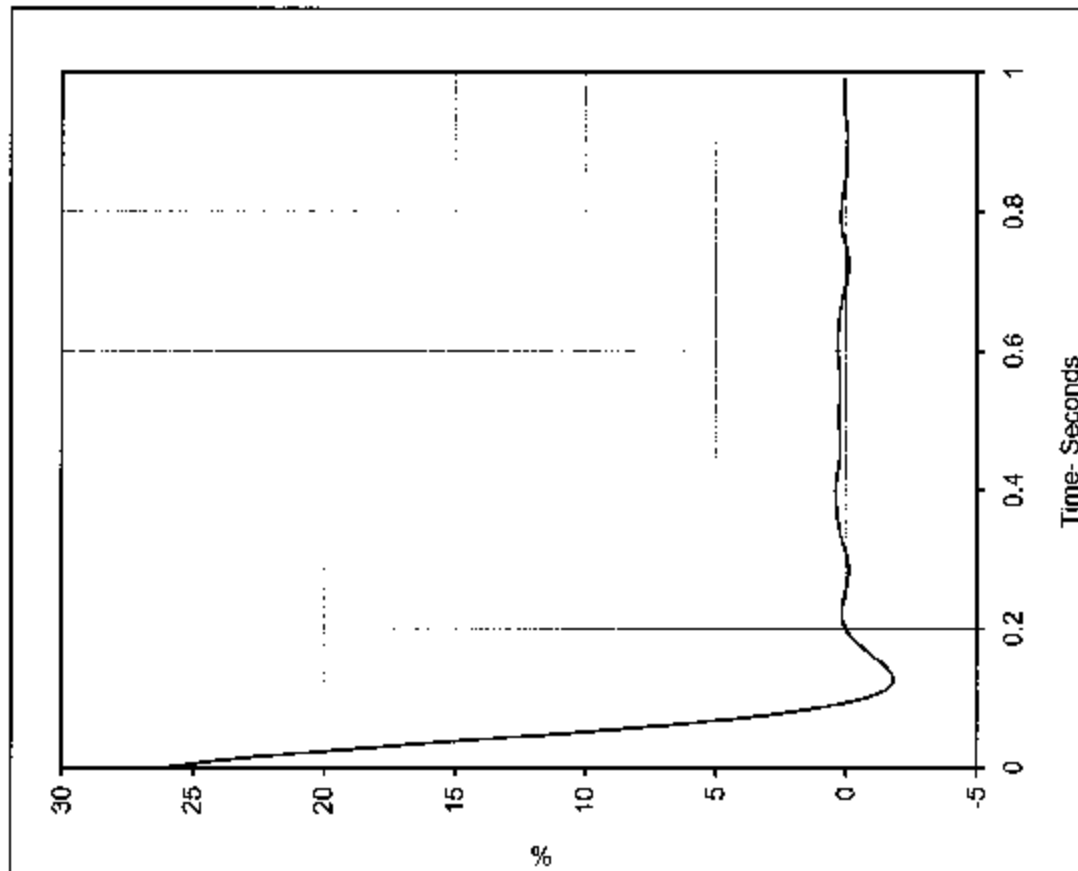


Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	5594.6	0.2	611.6	5.0	5

Test Date: 7/17/03
 NHTSA No.: C-35303

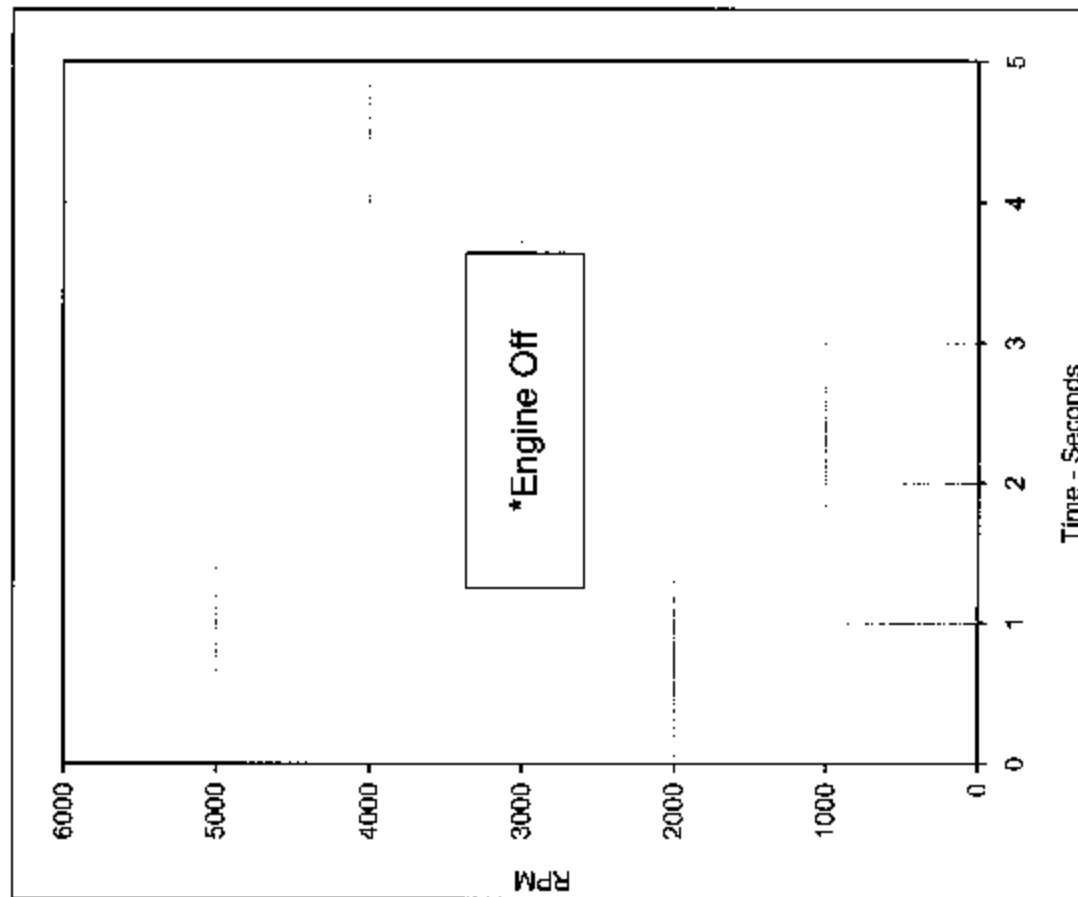




Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	26.2	0.0	90.0	5

Test Program: FMVSS 124 (#2 Spring Disconnected)
 Test Vehicle: 2003 Honda Civic DX 2 Door Coupe

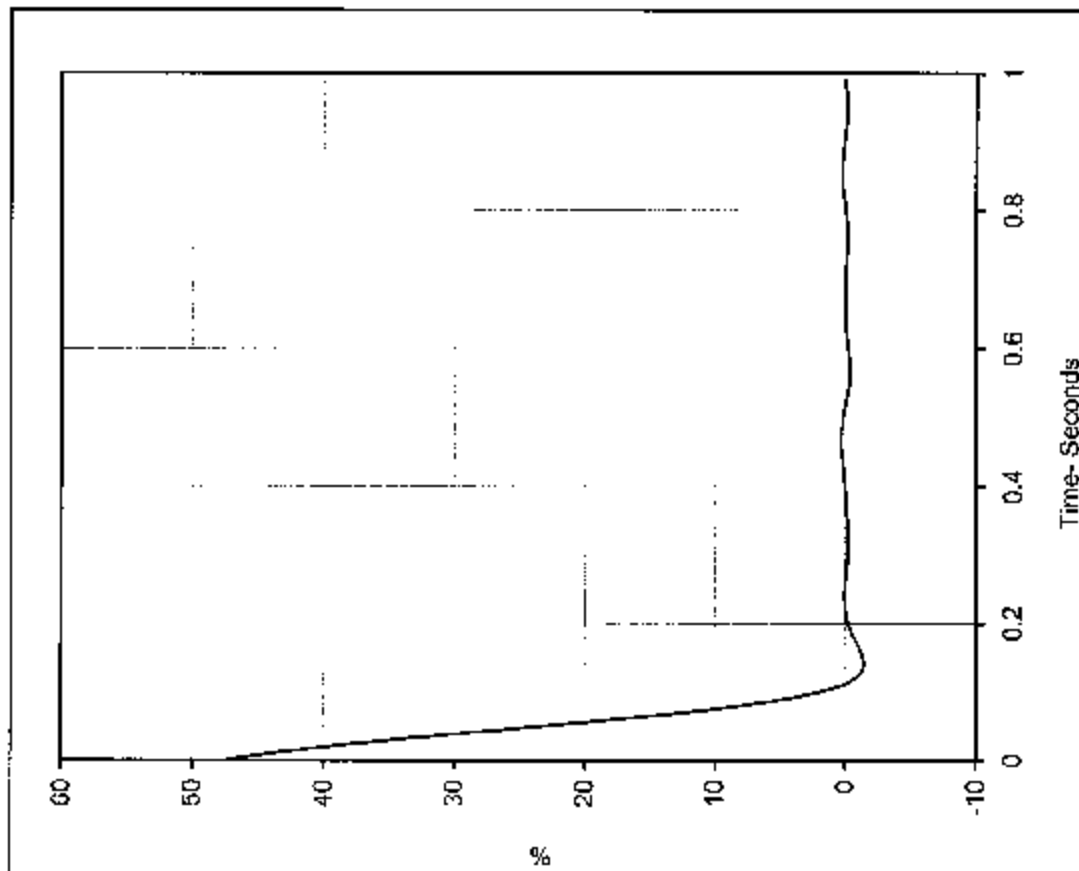


Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off
 Test Date: 7/17/03
 NHTSA No.: C35303



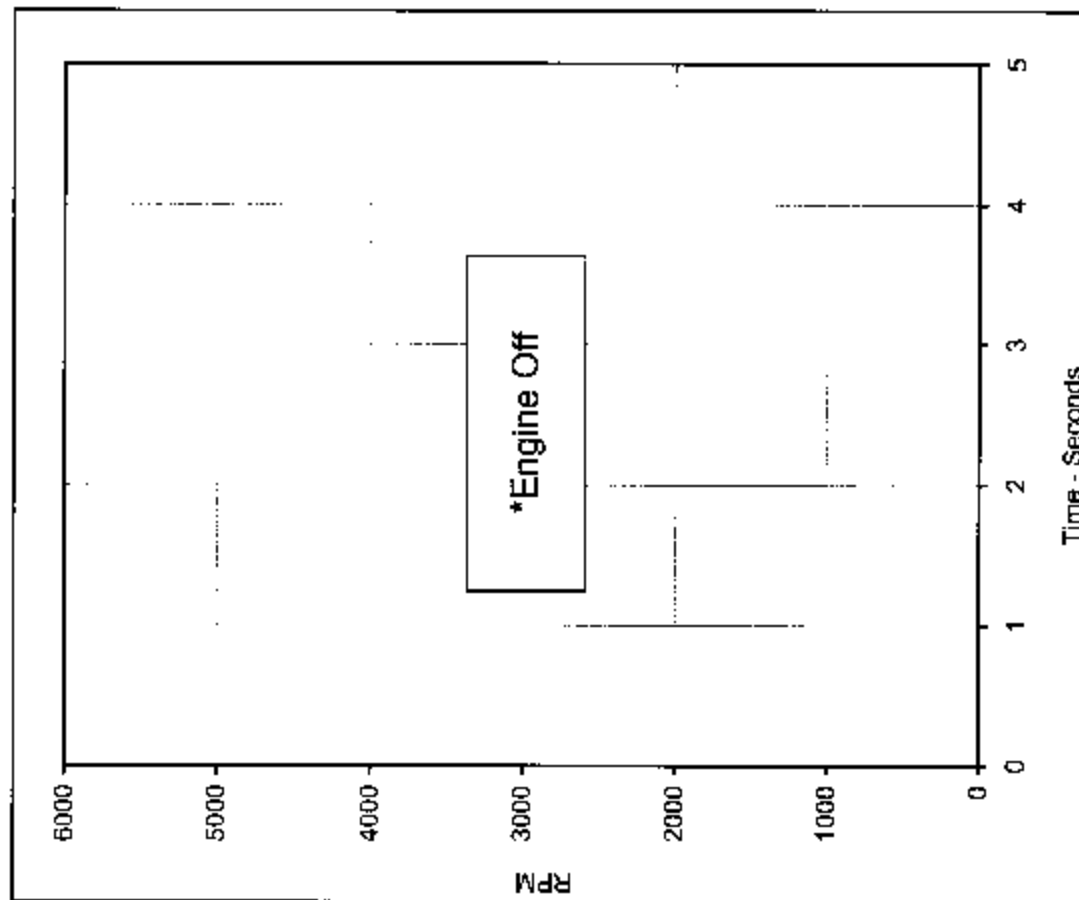


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	47.5	0.0	110.0	5

Test Program:
Test Vehicle:

FMVSS 124 (#2 Spring Disconnected)
2003 Honda Civic DX 2 Door Coupe



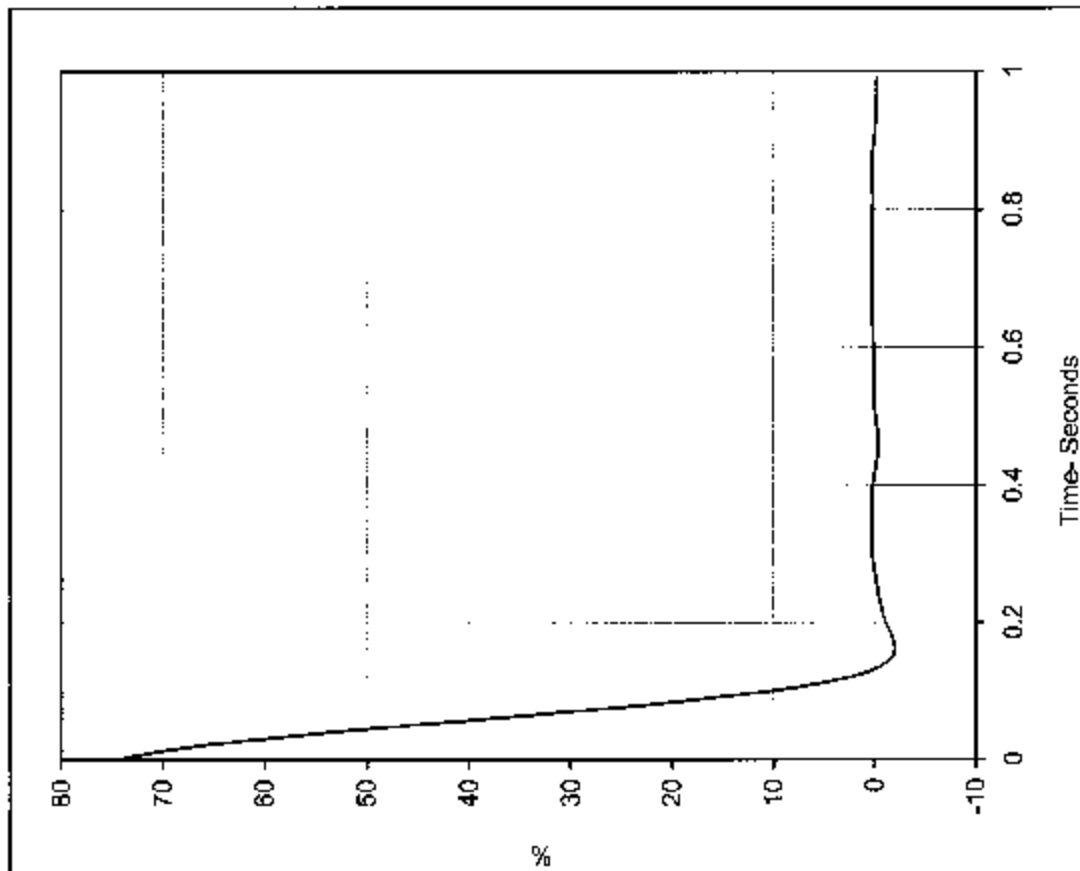
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

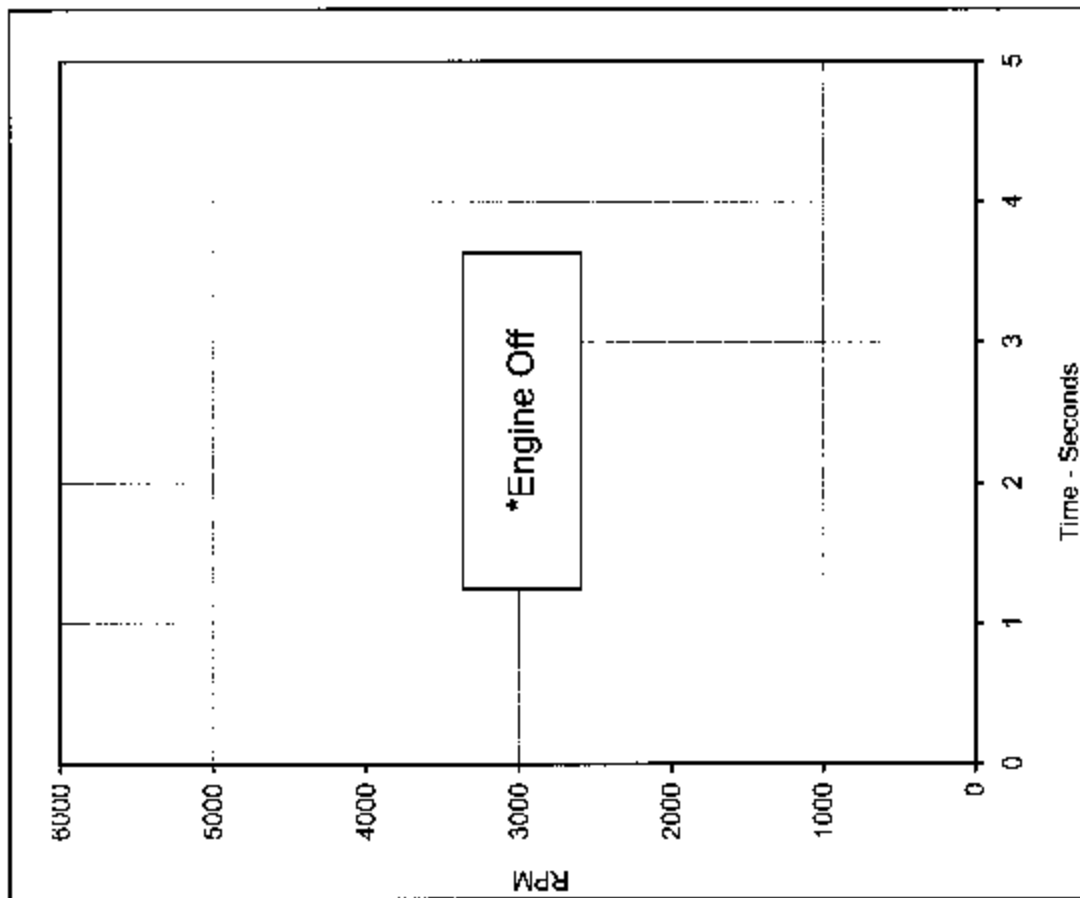
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	74.9	0.0	130.0	5

Test Program:

FMVSS 124 (#2 Spring Disconnected)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

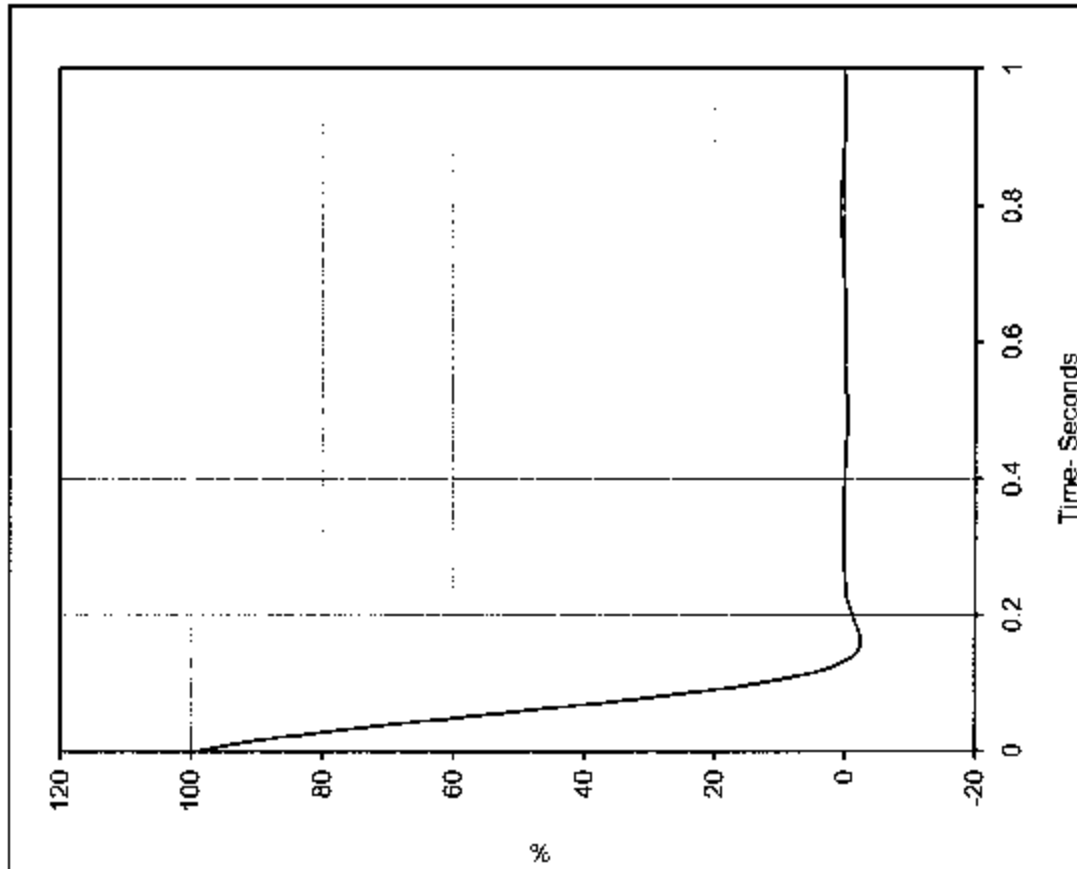
Test Date:

7/17/03

NHTSA No.:

C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

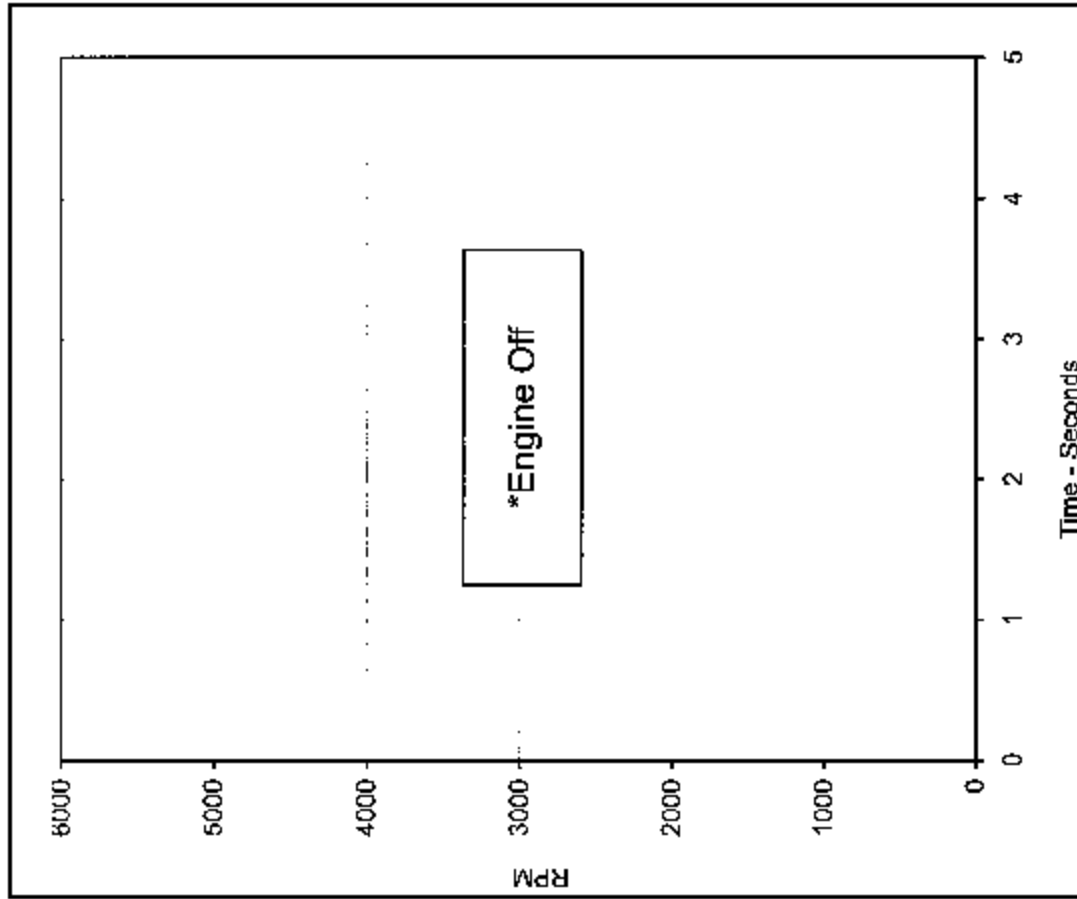
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	98.9	0.0	130.0	5

Test Program:

FMVSS 124 (#2 Spring Disconnected)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

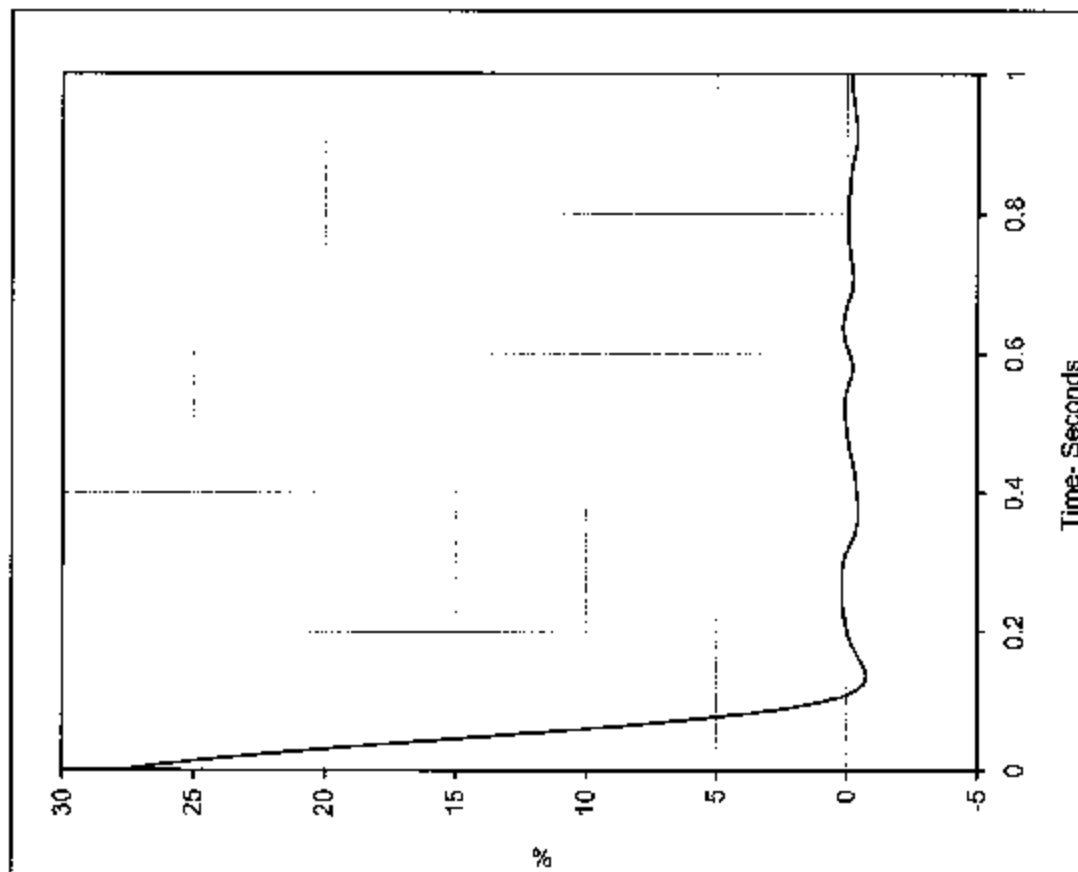
Test Date:

7/17/03

NHTSA No.:

C35303



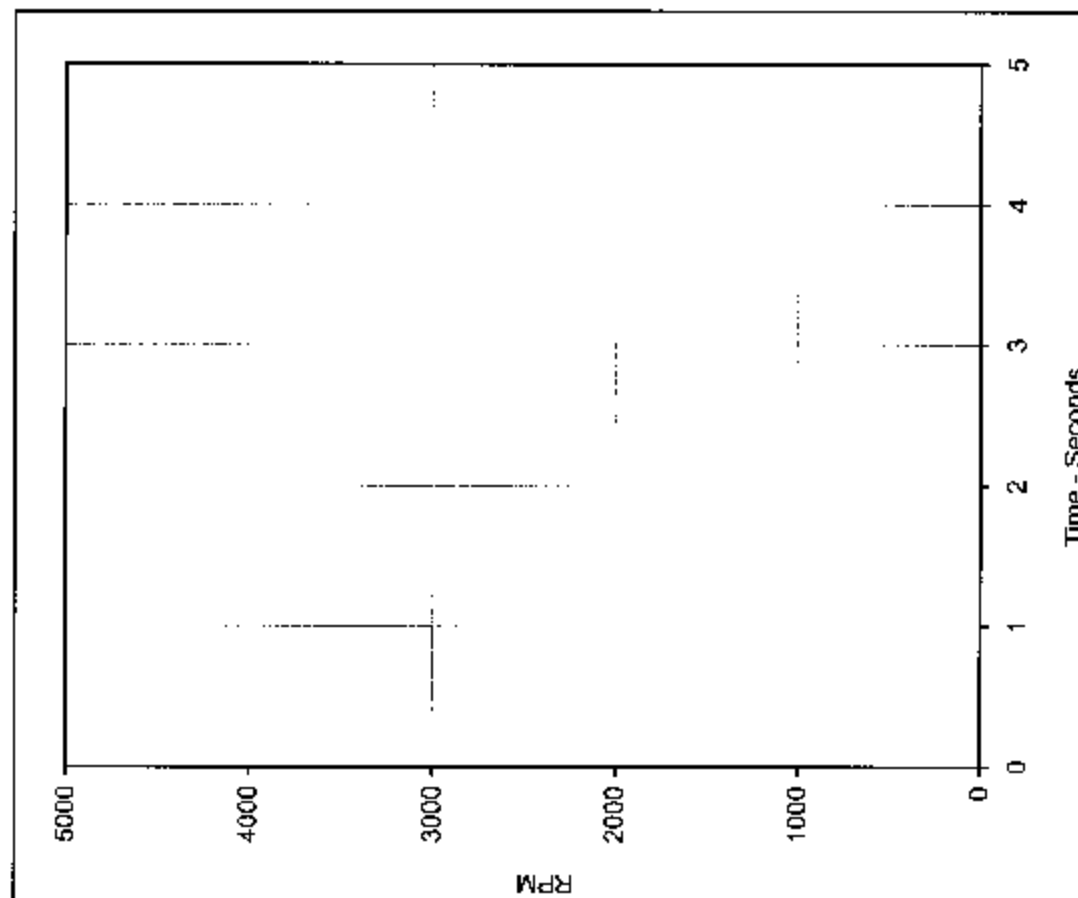


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	27.9	0.0	110.0	5

Test Program:
Test Vehicle:

FMVSS 124 (#3 Spring Disconnected)
2003 Honda Civic DX 2 Door Coupe



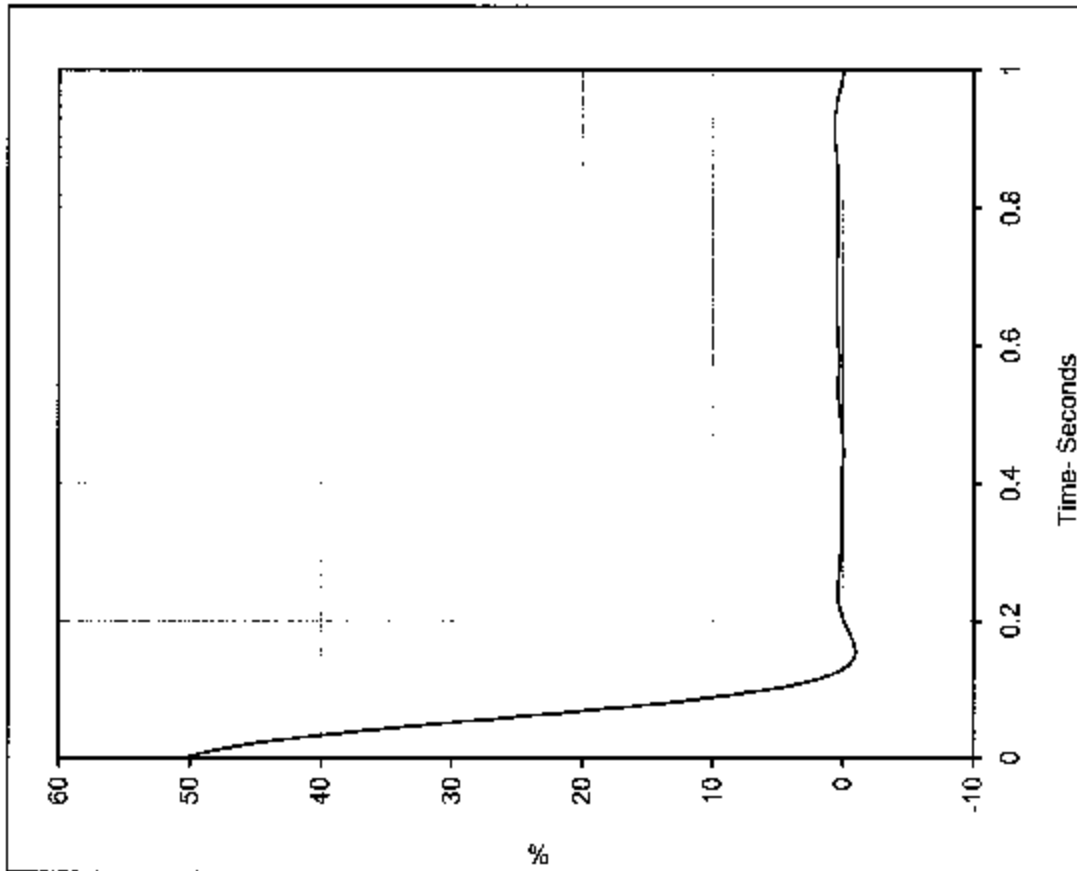
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

* No Data

Test Date: 7/17/03
NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

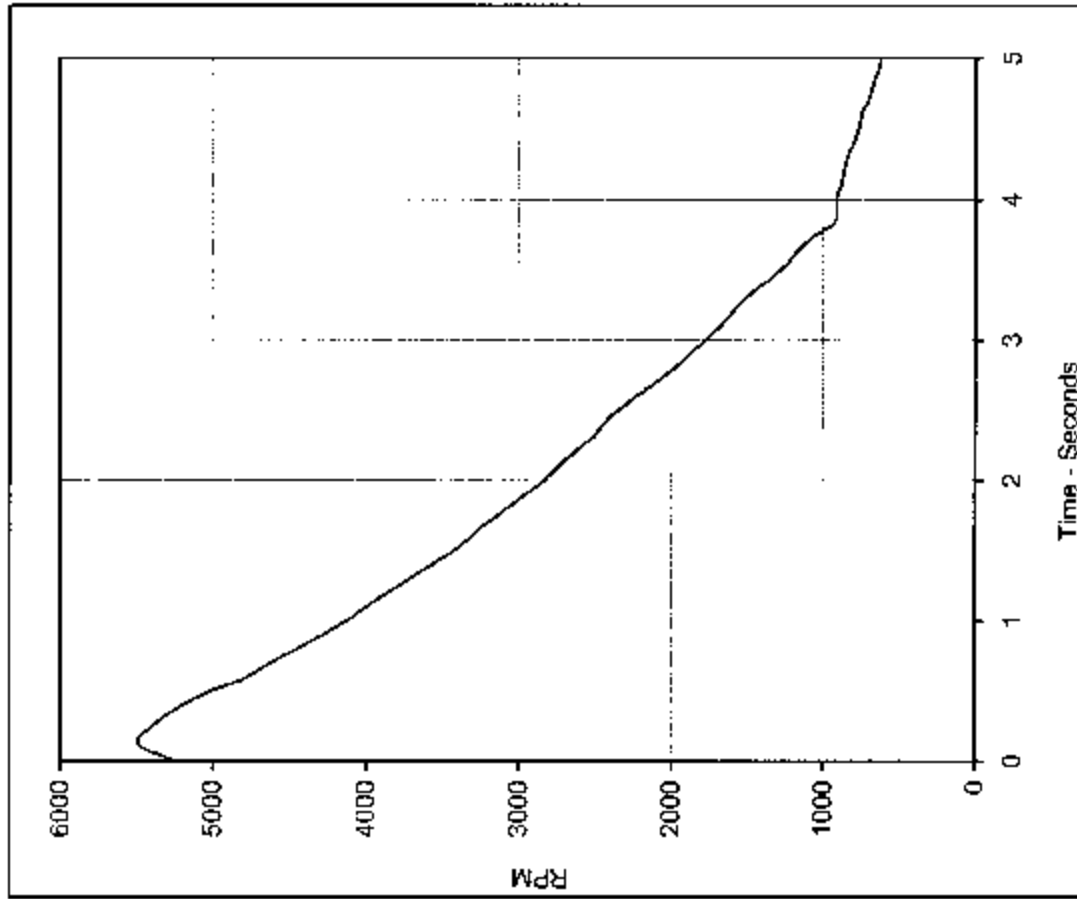
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	50.2	0.0	130.0	5

Test Program:

FMVSS 124 (#3 Spring Disconnected)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5494.6	0.1	624.2	5

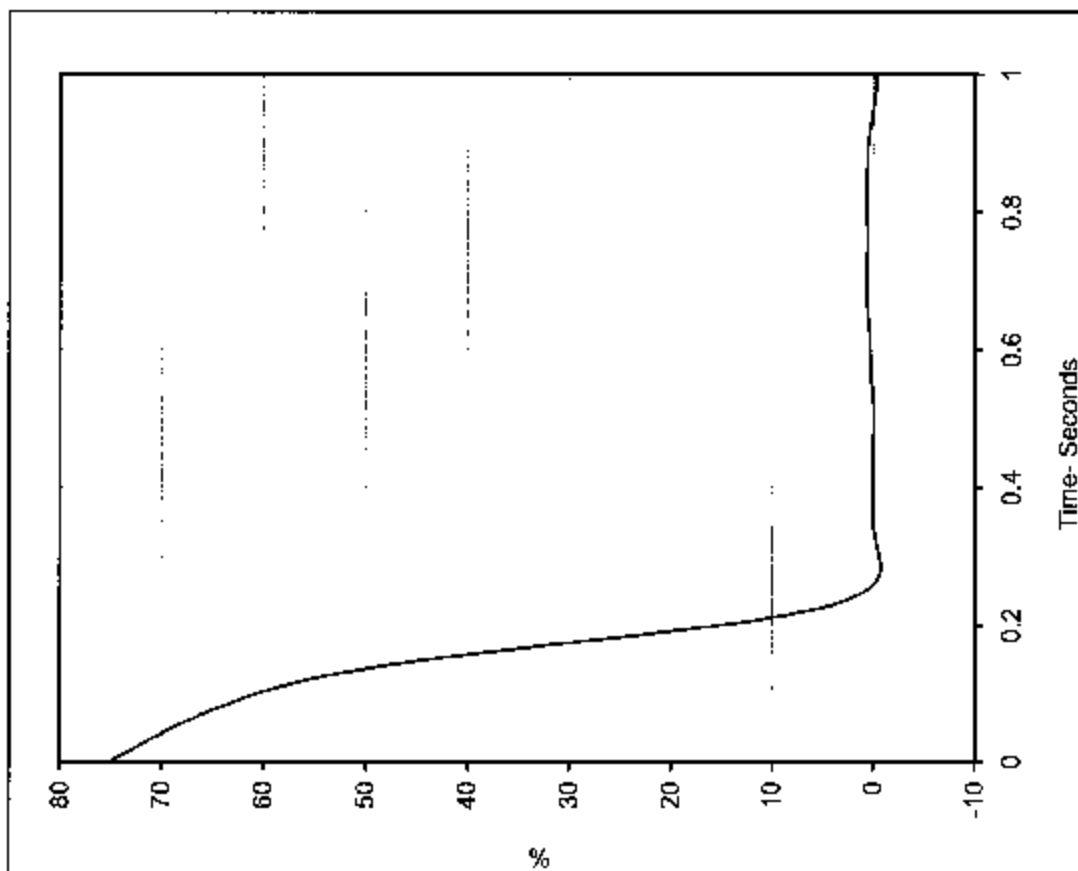
Test Date:

7/17/03

NHTSA No.:

C35303

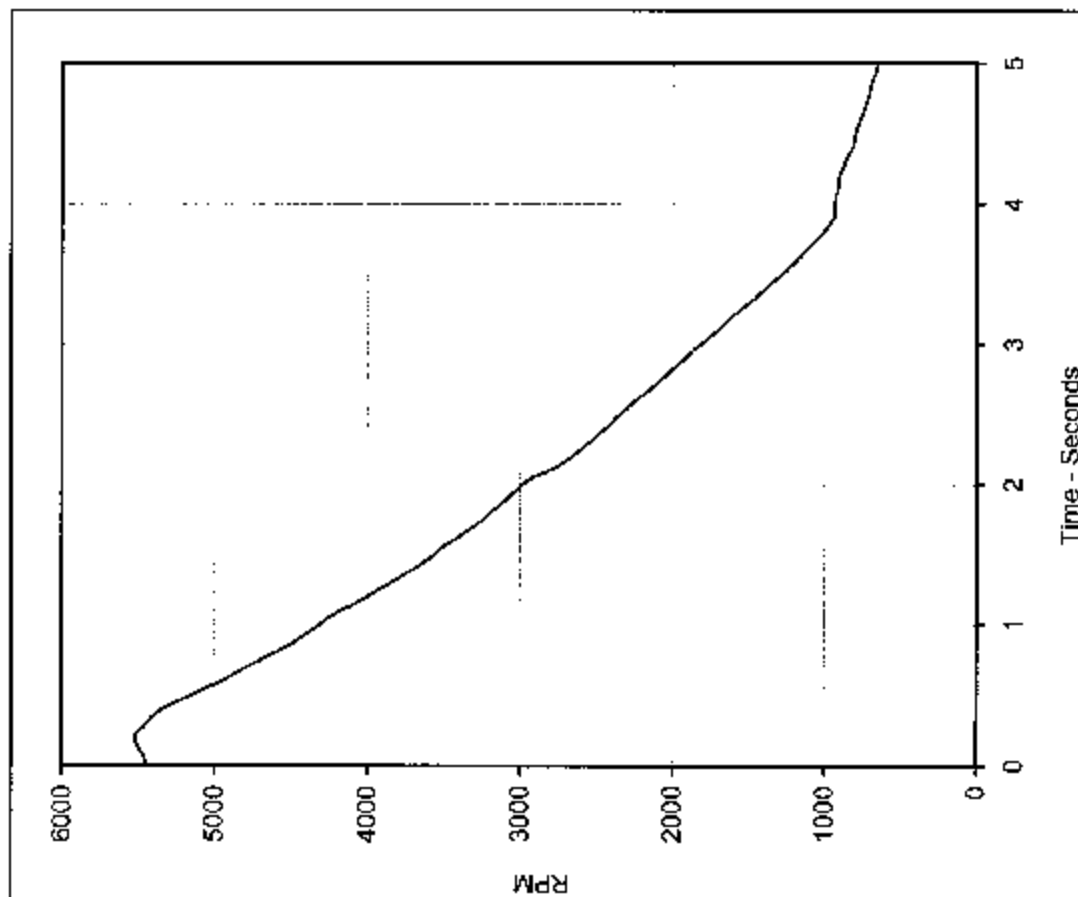




Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	75.1	0.0	260.0	5

Test Program: FMVSS 124 (#3 Spring Disconnected)
 Test Vehicle: 2003 Honda Civic DX 2 Door Coupe

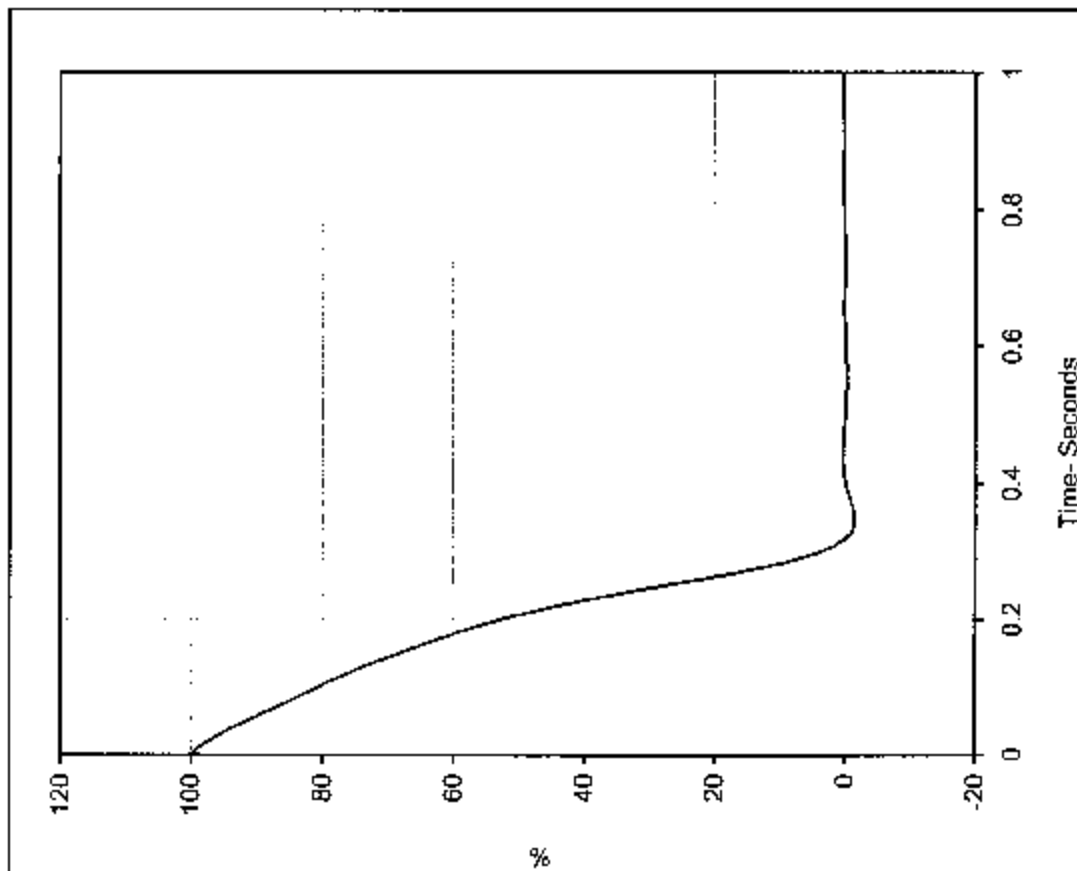


Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	5519.5	0.2	656.2	5.0	5

Test Date: 7/17/03
 NHTSA No.: C35303

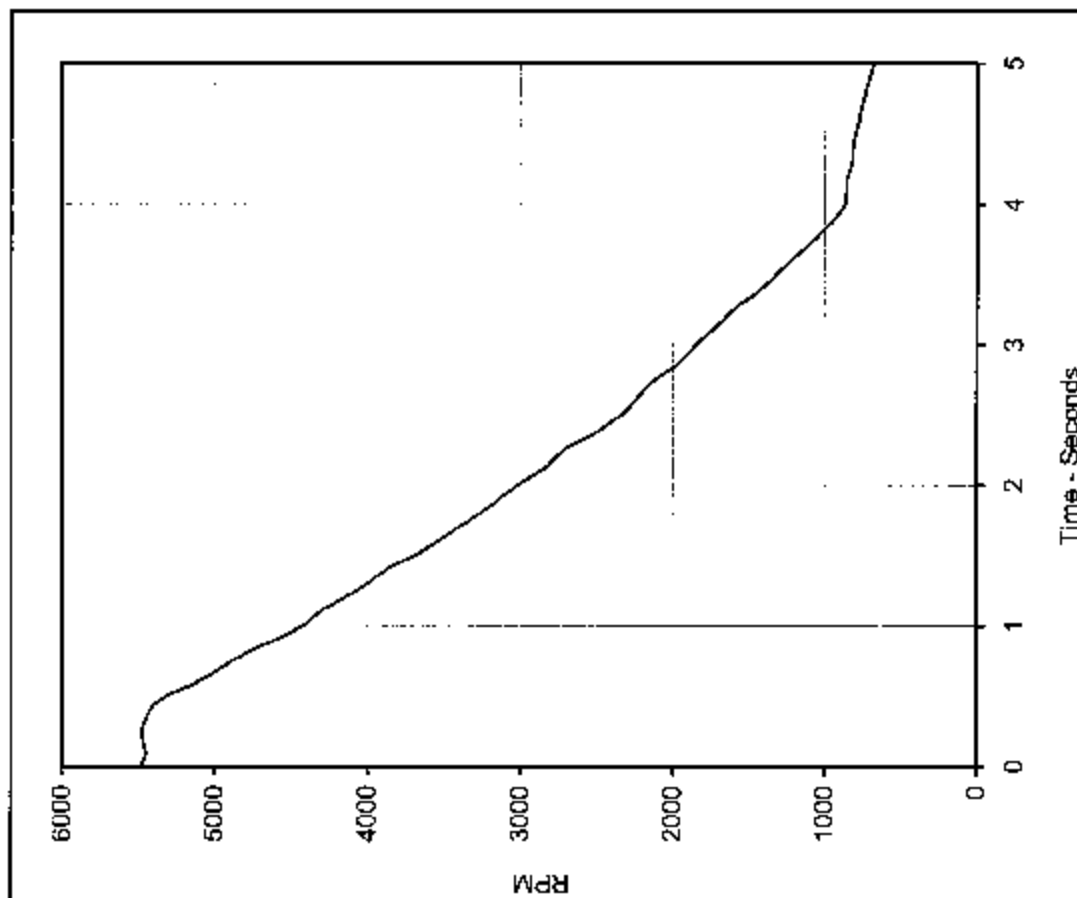




Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	100.0	0.0	320.0	5

Test Program: FMVSS 124 (#3 Spring Disconnected)
 Test Vehicle: 2003 Honda Civic DX 2 Door Coupe

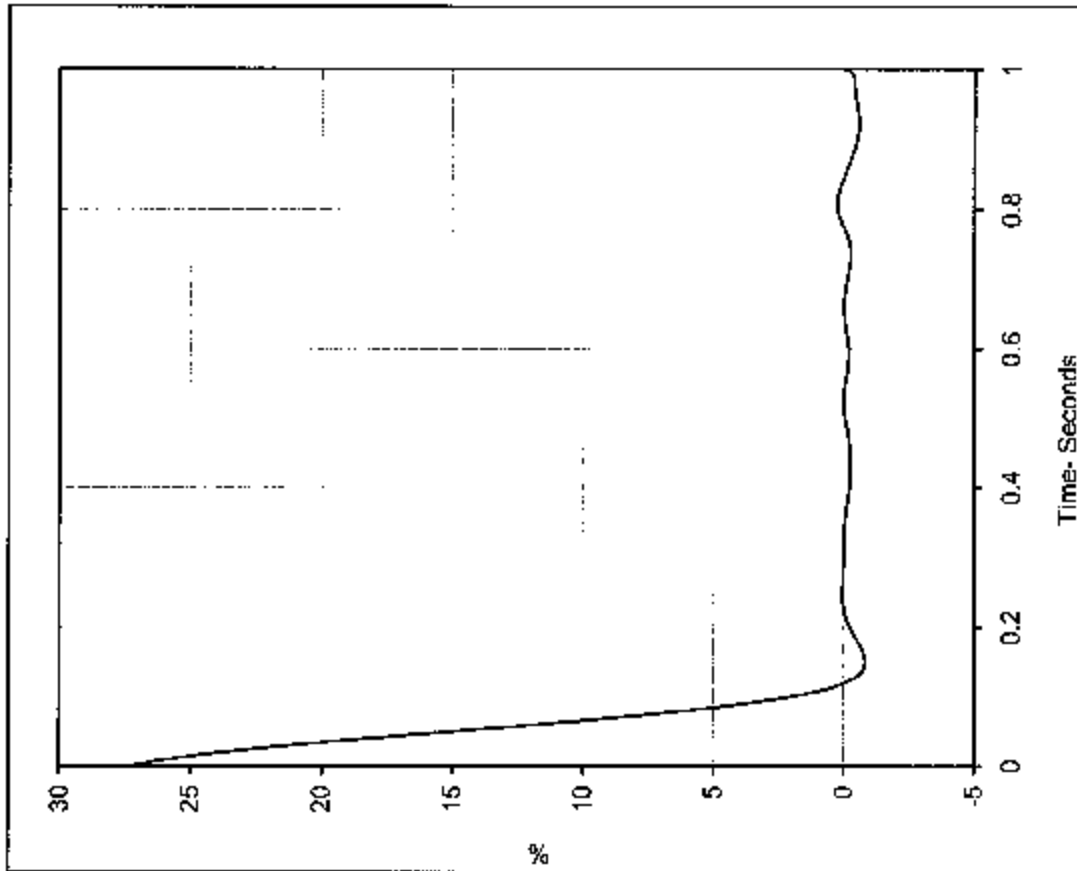


Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5479.4	0.0	682.2	5

Test Date: 7/17/03
 NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

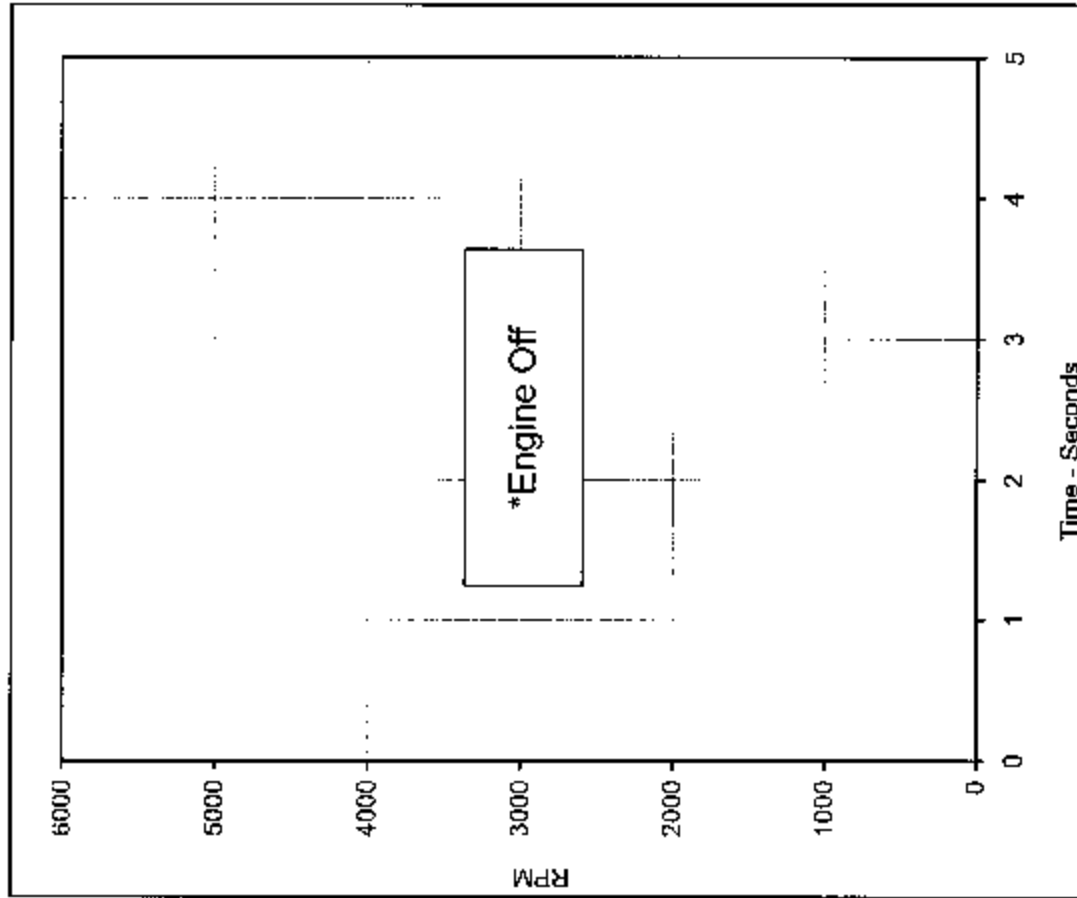
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	27.4	0.0	120.0	5

Test Program:

FMVSS 124 (#3 Spring Disconnected)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

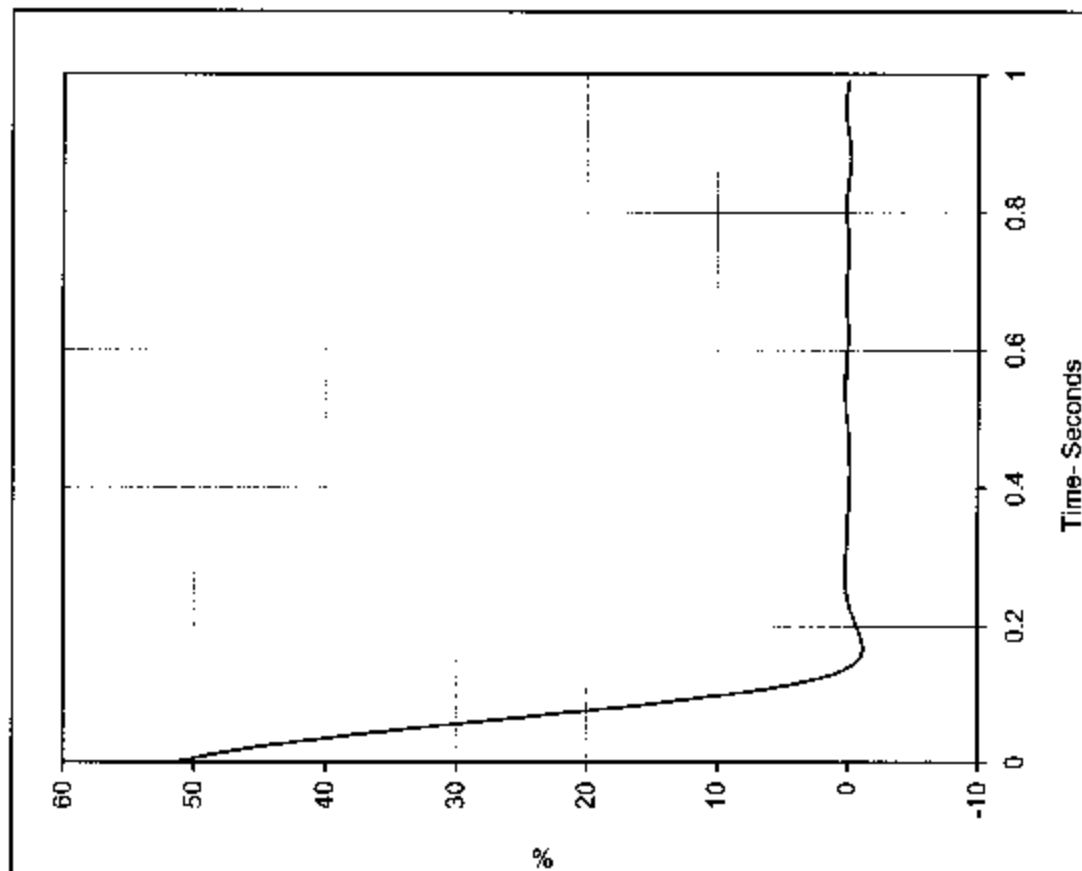
Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03

NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

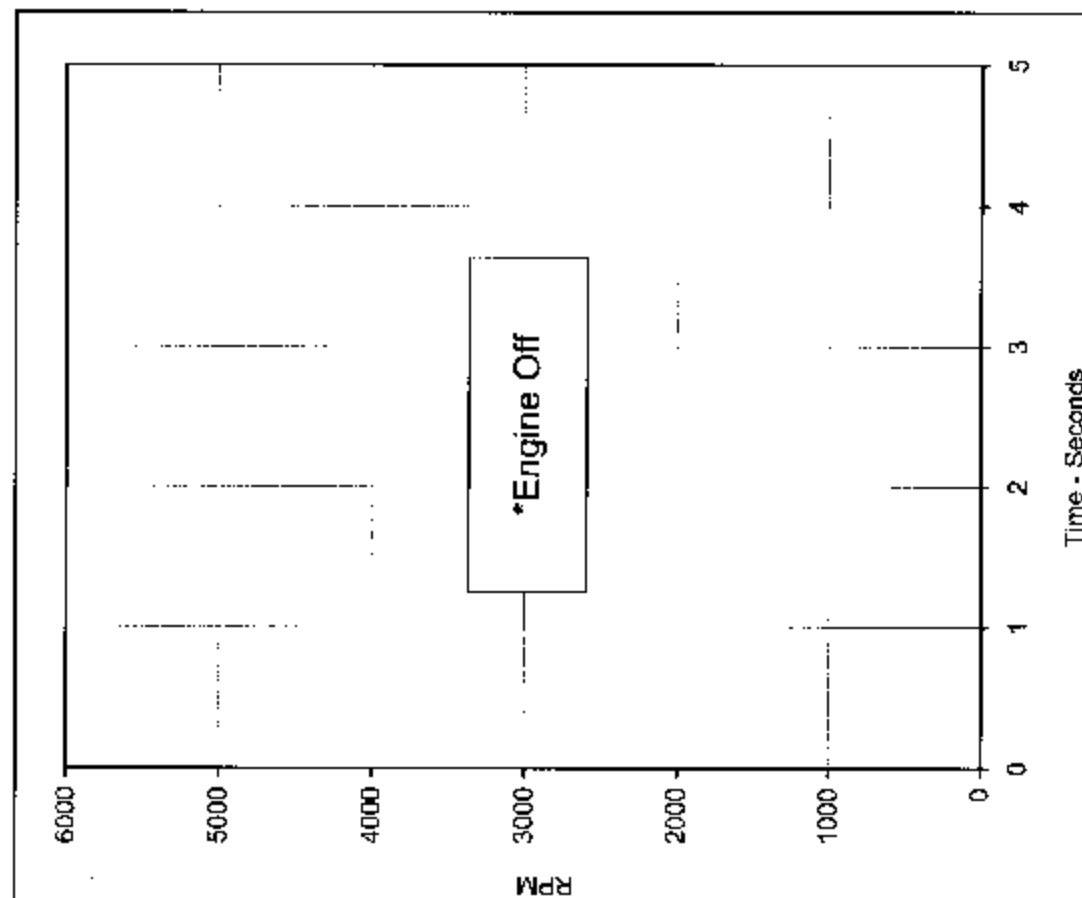
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	51.3	0.0	140.0	5

Test Program:

FMVSS 124 (#3 Spring Disconnected)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

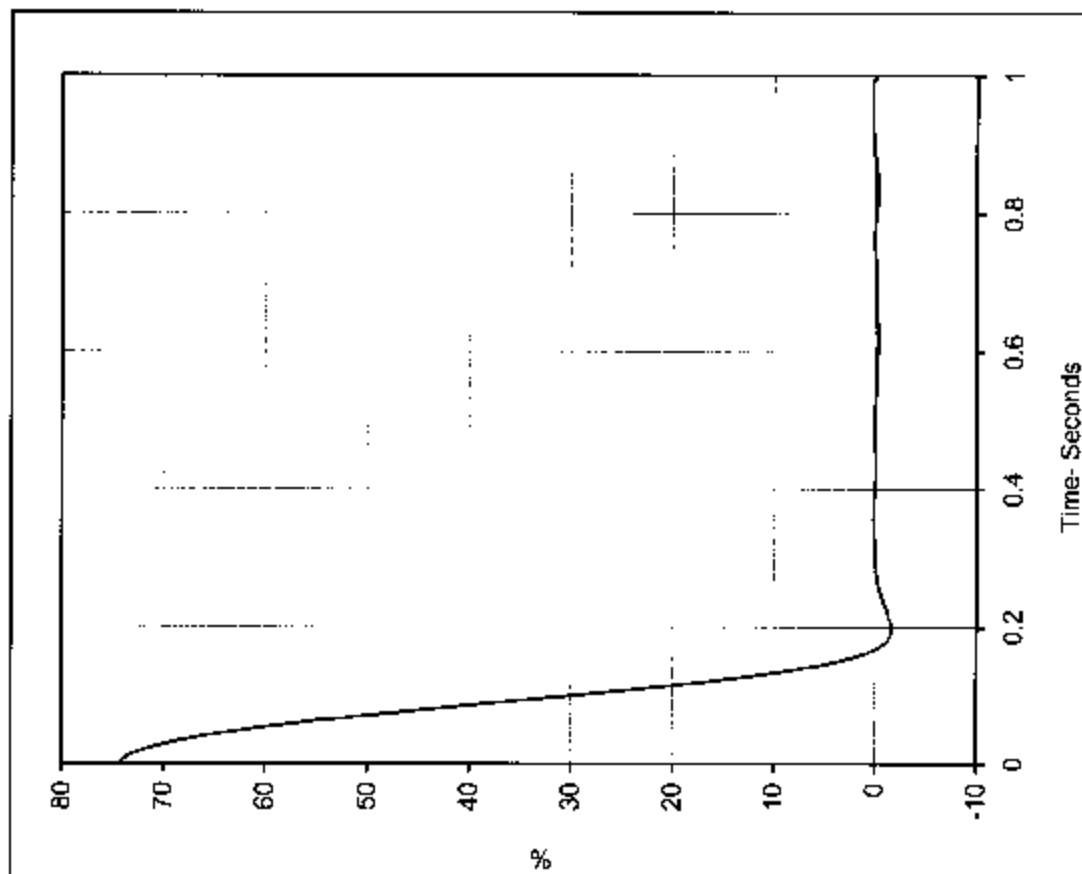
Test Date:

7/17/03

NHTSA No.:

C35303



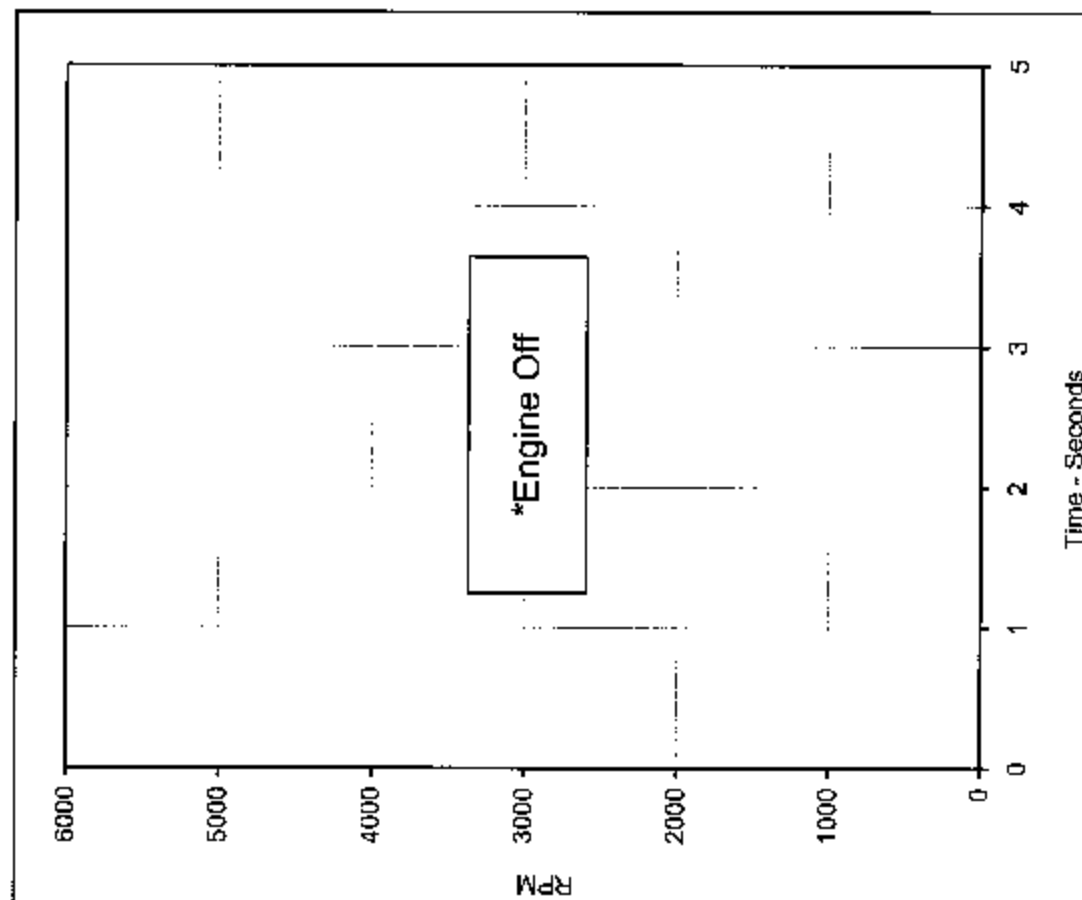


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	74.4	0.0	170.0	5

Test Program:
Test Vehicle:

FMVSS 124 (#3 Spring Disconnected)
2003 Honda Civic DX 2 Door Coupe



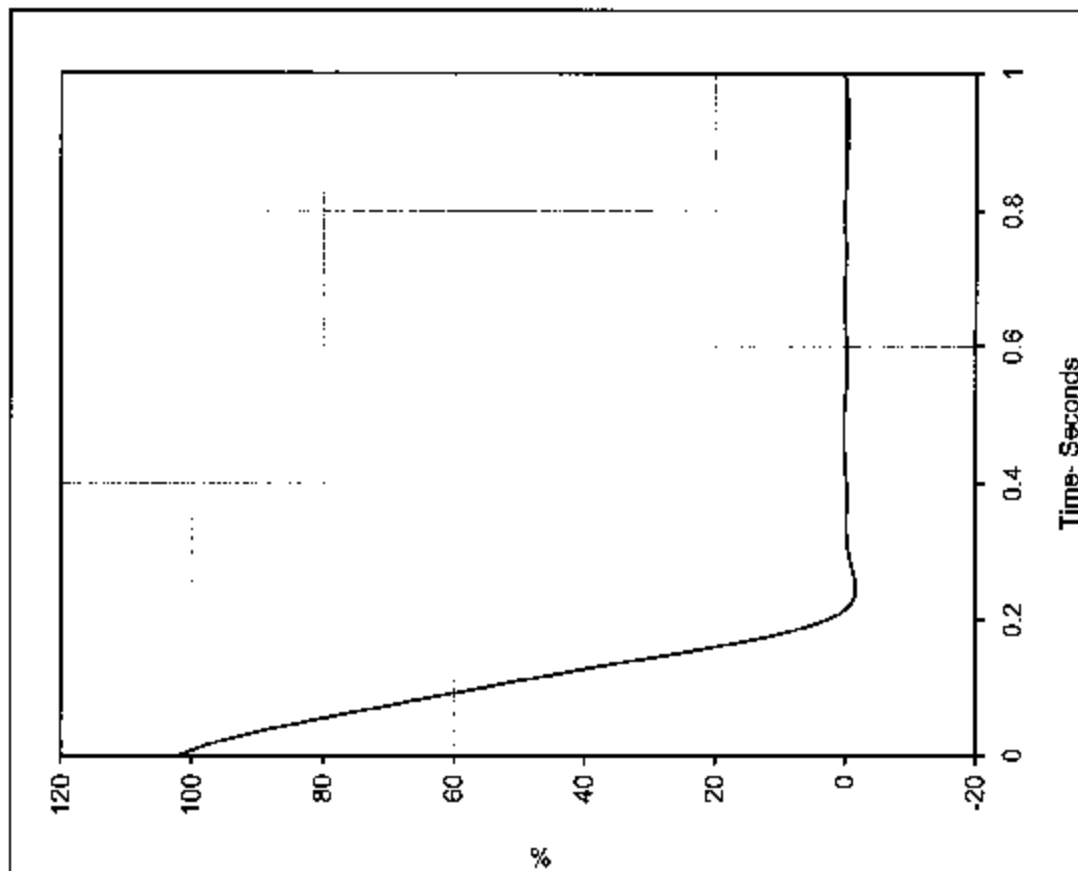
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
NHTSA No.: C35303

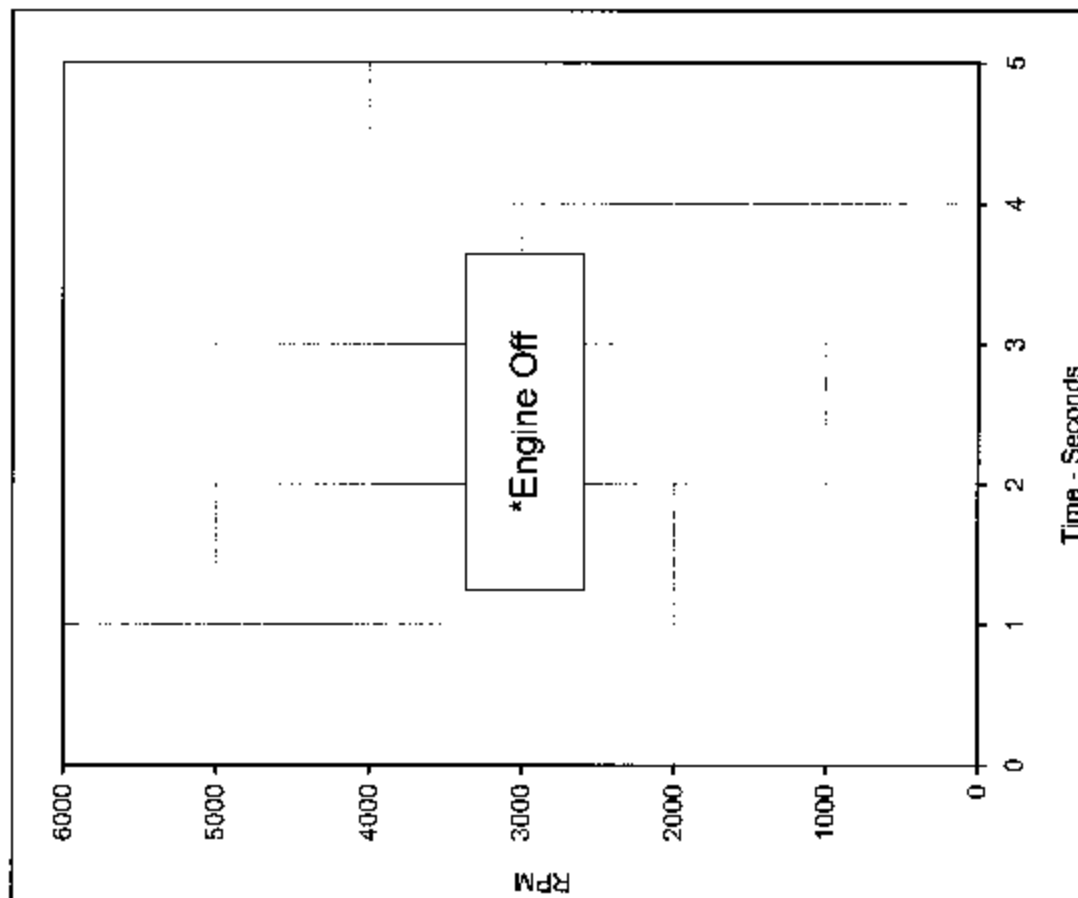




Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	102.1	0.0	220.0	5

Test Program: FMVSS 124 (#3 Spring Disconnected)
Test Vehicle: 2003 Honda Civic DX 2 Door Coupe



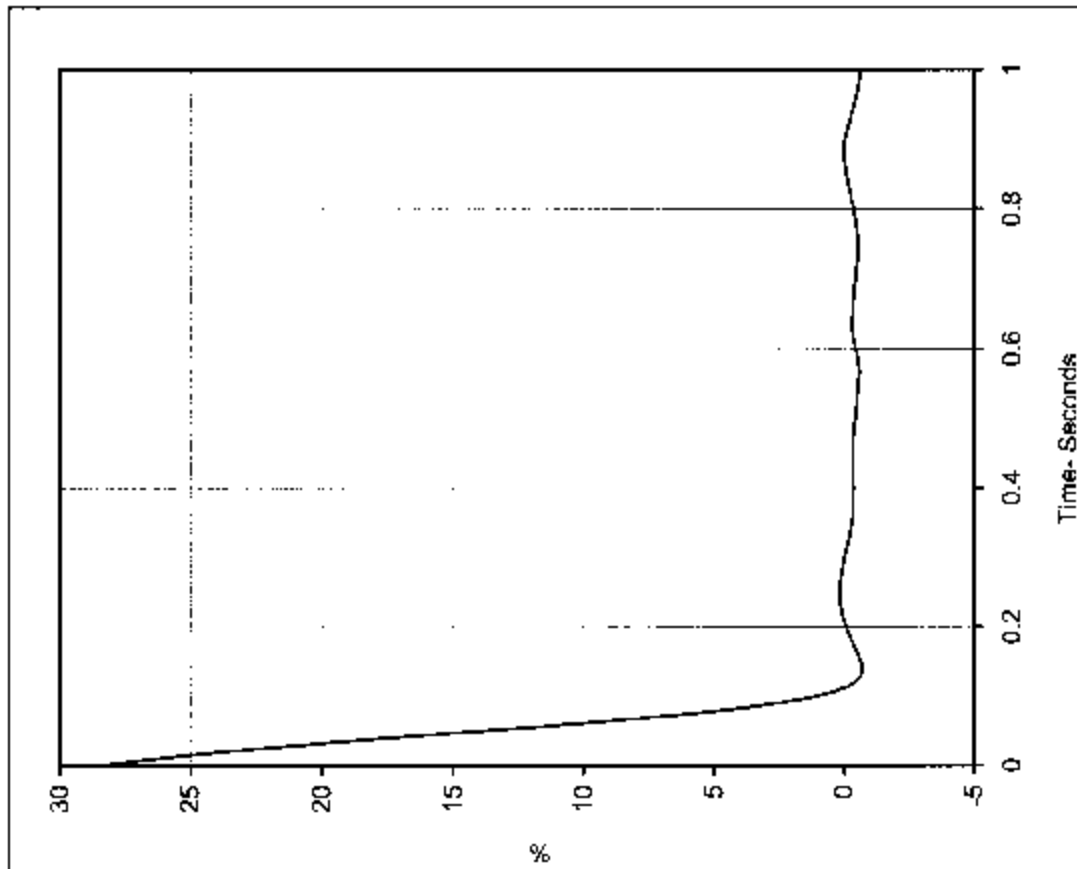
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

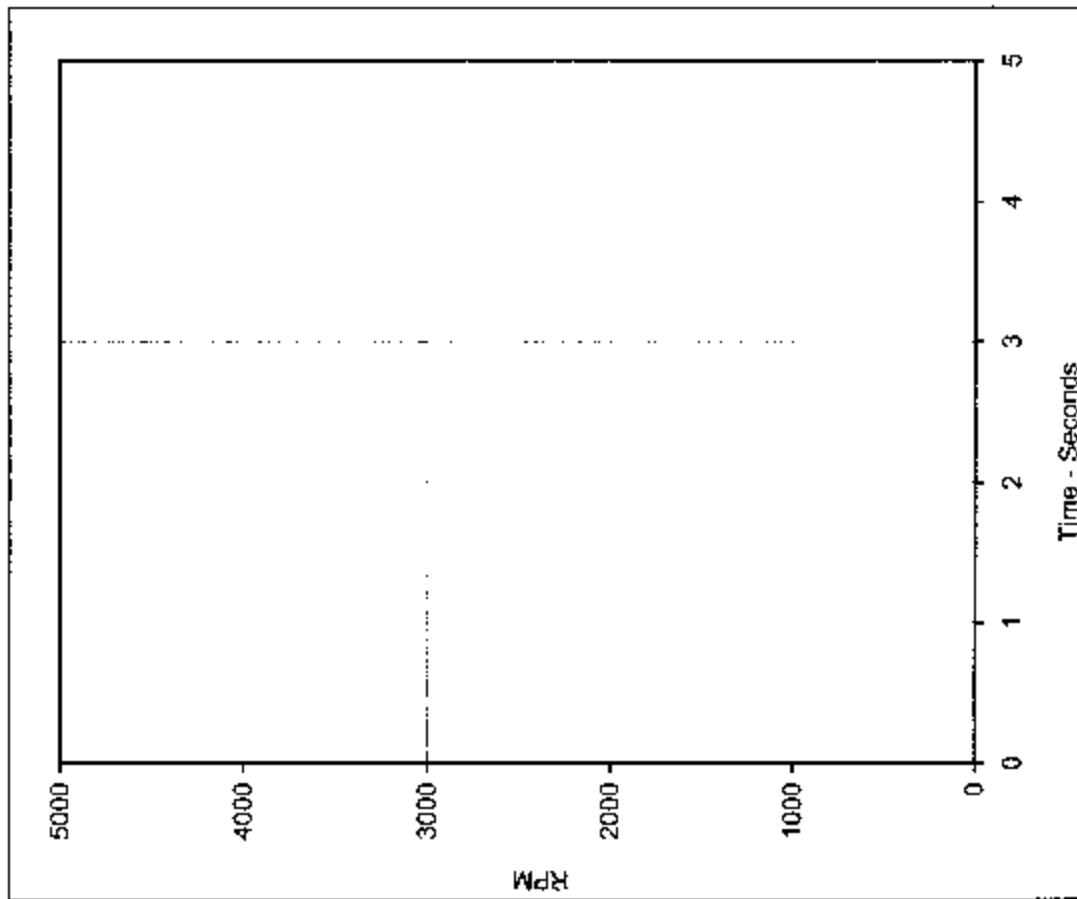
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	28.7	0.0	110.0	5

Test Program:

FMVSS 124 (Severance Of Throttle Cable)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	0.0	0.0	0.0	5

* No Data

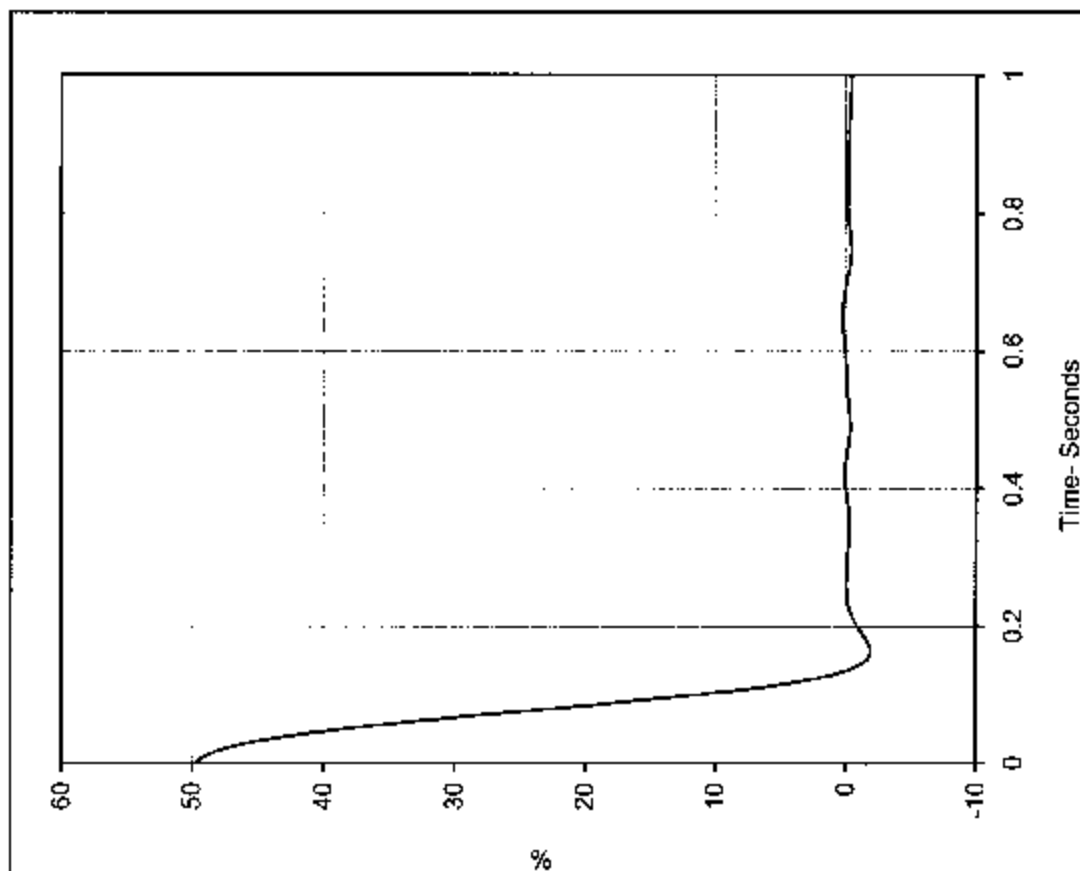
Test Date:

7/17/03

NHTSA No.:

C35303

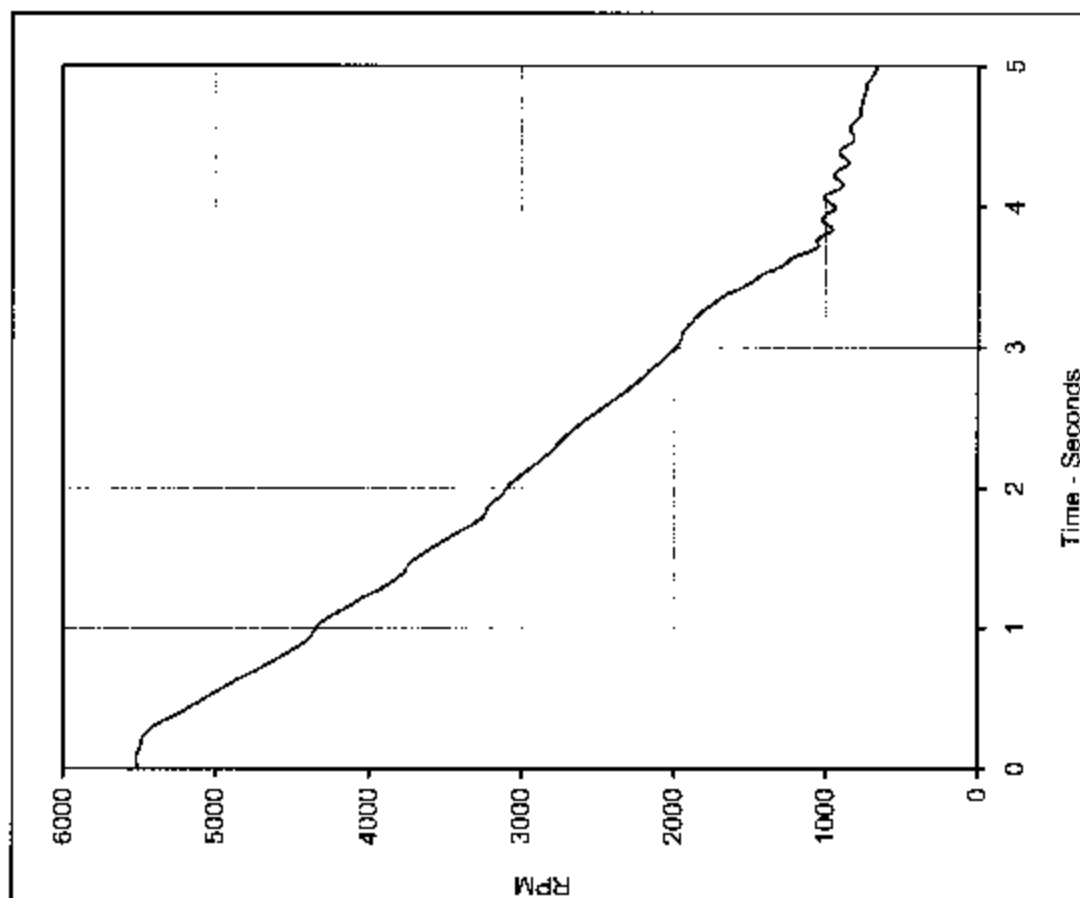




Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	49.7	0.0	130.0	5

Test Program: FMVSS 124 (Severance Of Throttle Cable)
 Test Vehicle: 2003 Honda Civic DX 2 Door Coupe

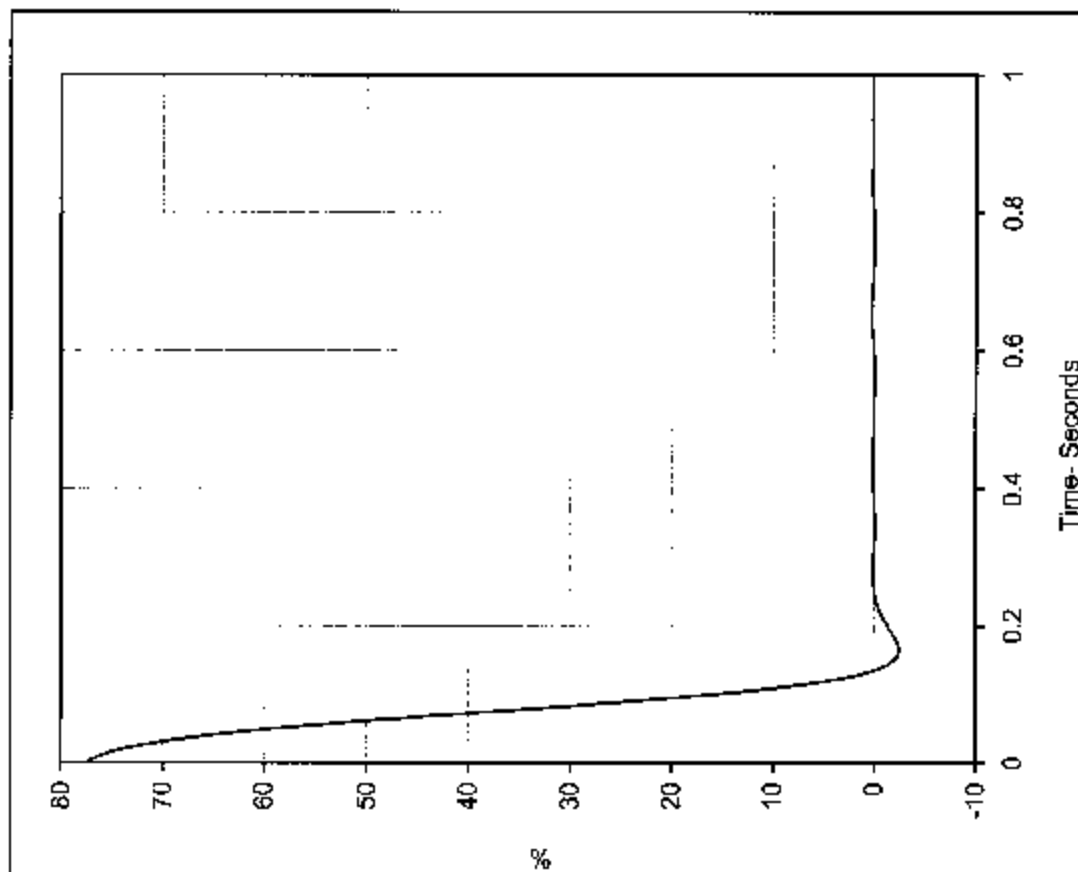


Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5521.7	0.1	667.0	5

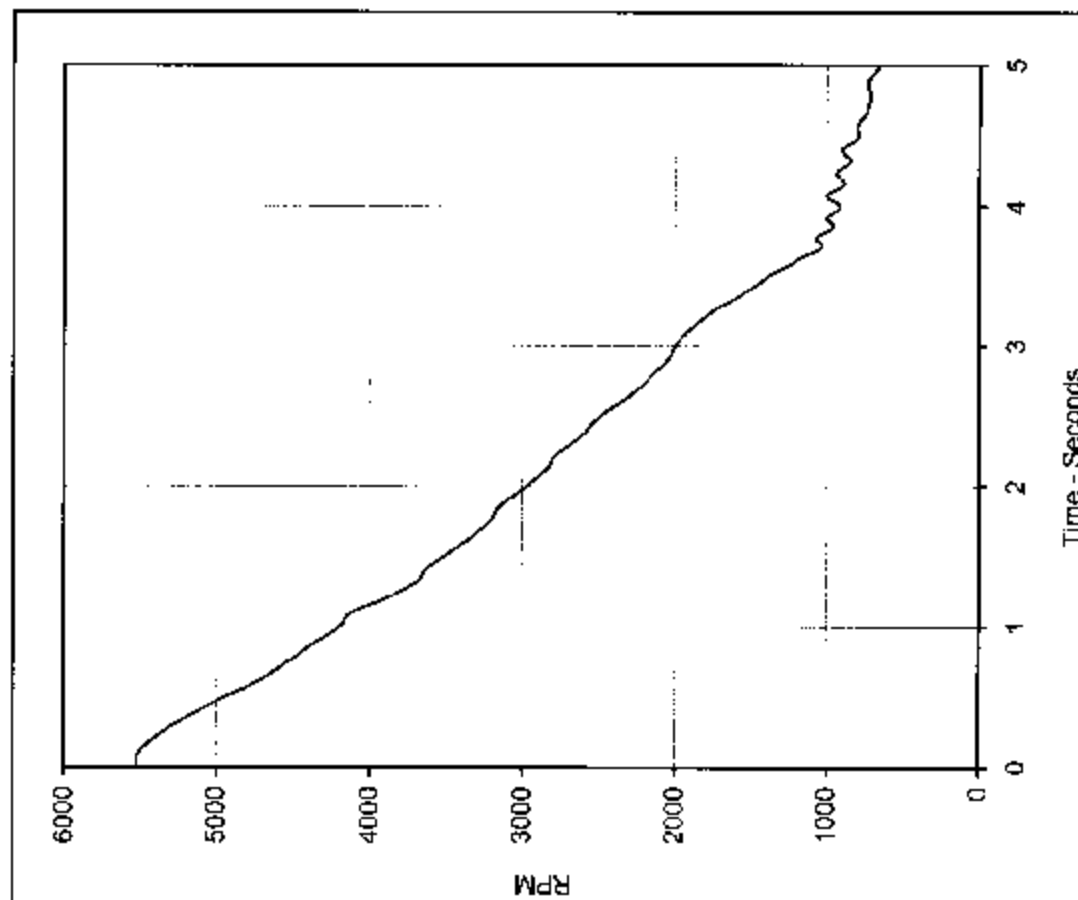
Test Date: 7/17/03
 NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	77.5	0.0	130.0	5



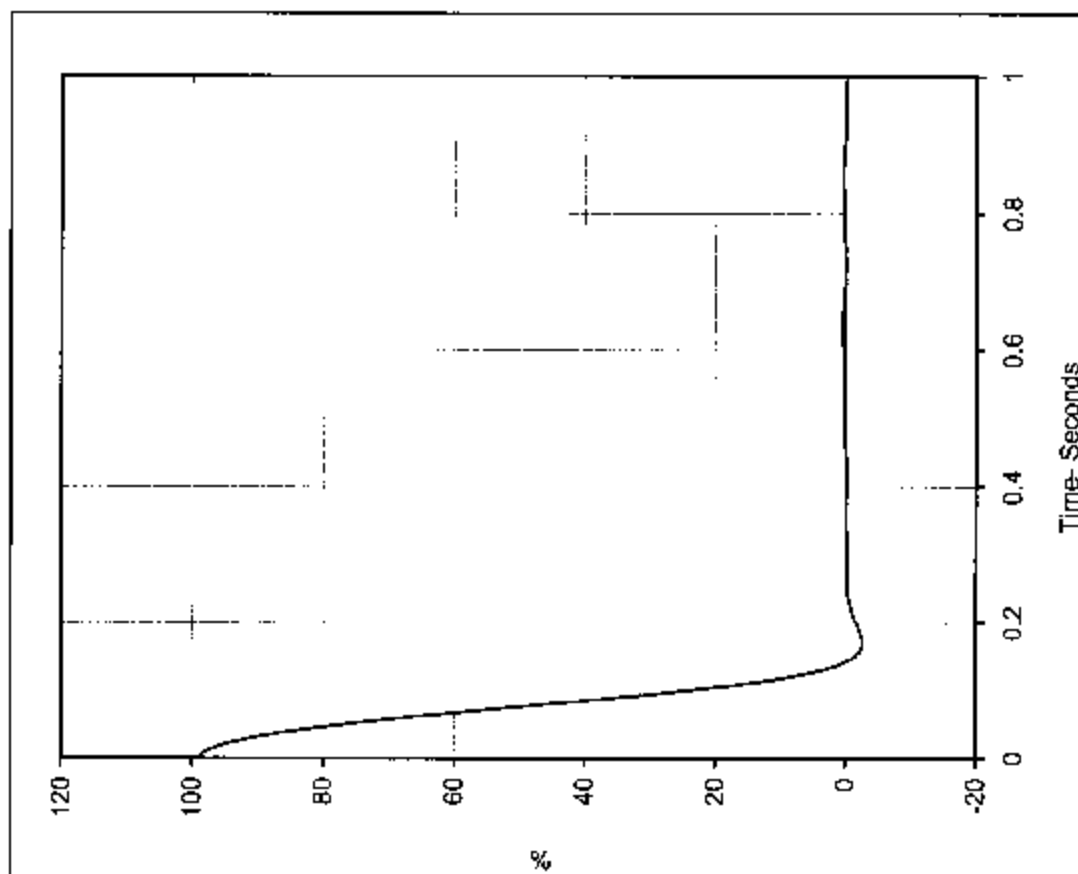
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	5523.7	0.1	661.8	5



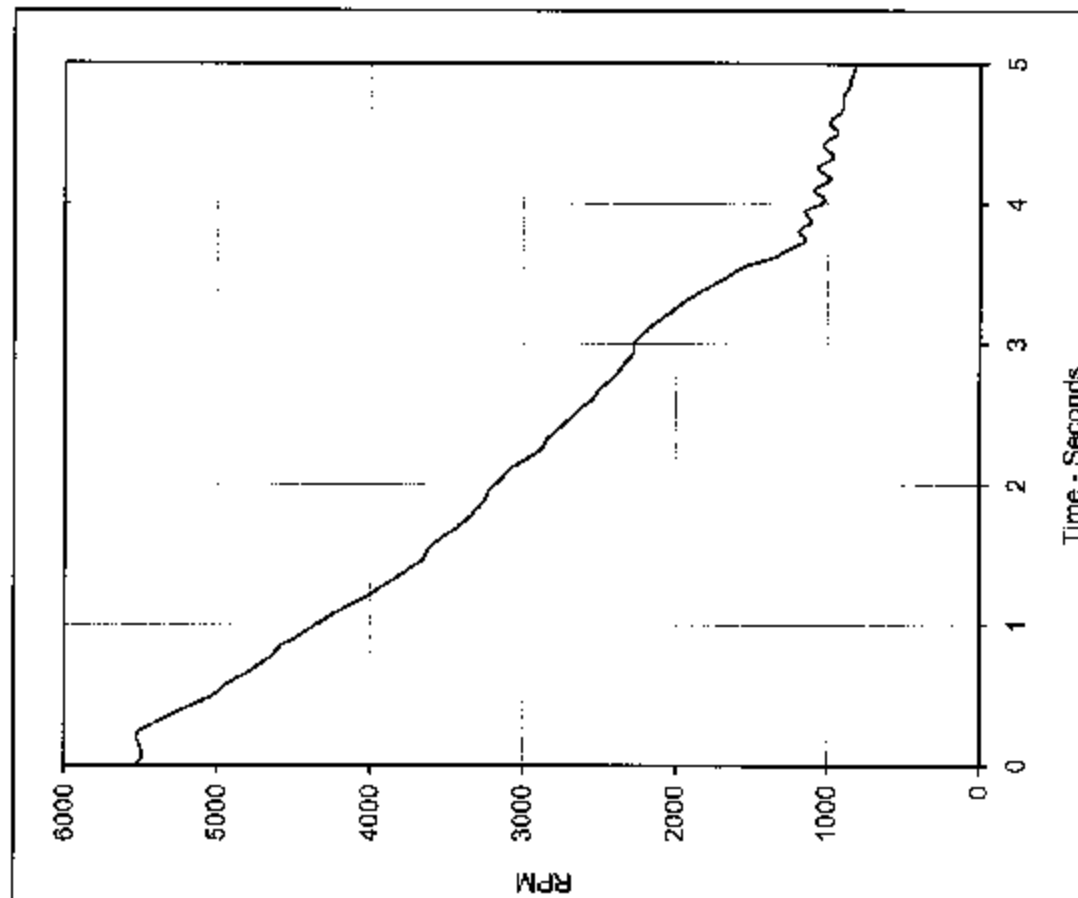
Test Date: 7/17/03
NHTSA No.: C35303

Test Program: FMVSS 124 (Severance Of Throttle Cable)
Test Vehicle: 2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	99.0	0.0	140.0	5



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

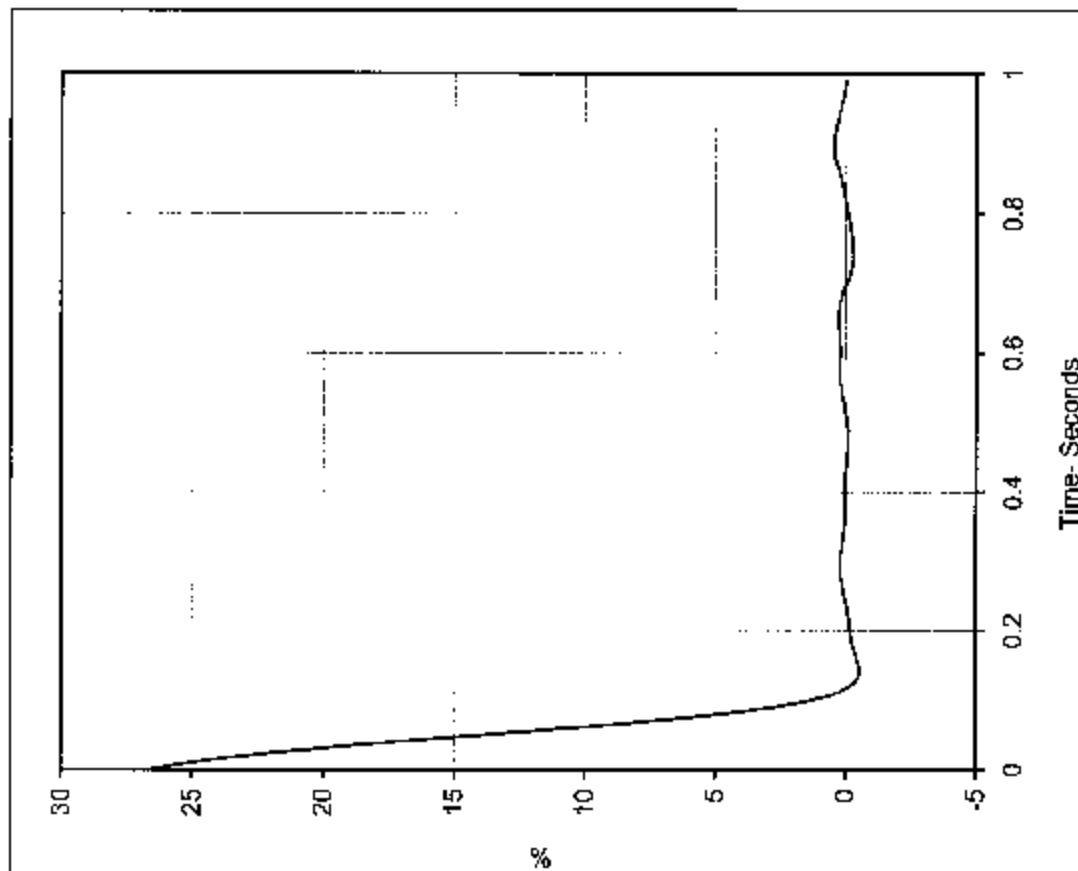
Units	Max	Time	Min	Time	Filter (Hz)
RPM	5531.6	0.2	822.6	5.0	5

Test Program:
Test Vehicle:

FMVSS 124 (Severance Of Throttle Cable)
2003 Honda Civic DX 2 Door Coupe

Test Date: 7/17/03
NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

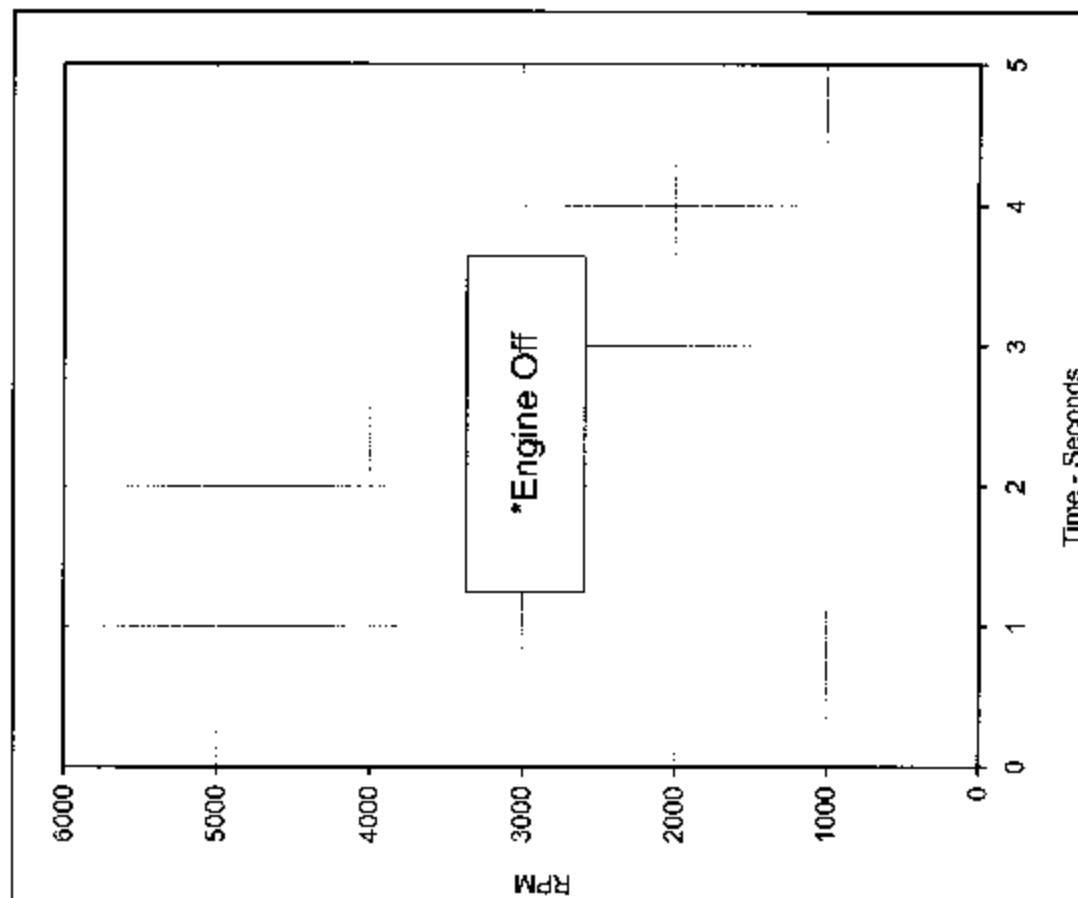
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	26.6	0.0	110.0	5

Test Program:

FMVSS 124 (Severance Of Throttle Cable)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Time	Filter (Hz)
RPM	0.0	0.0	0.0	0.0	5

*Engine Off

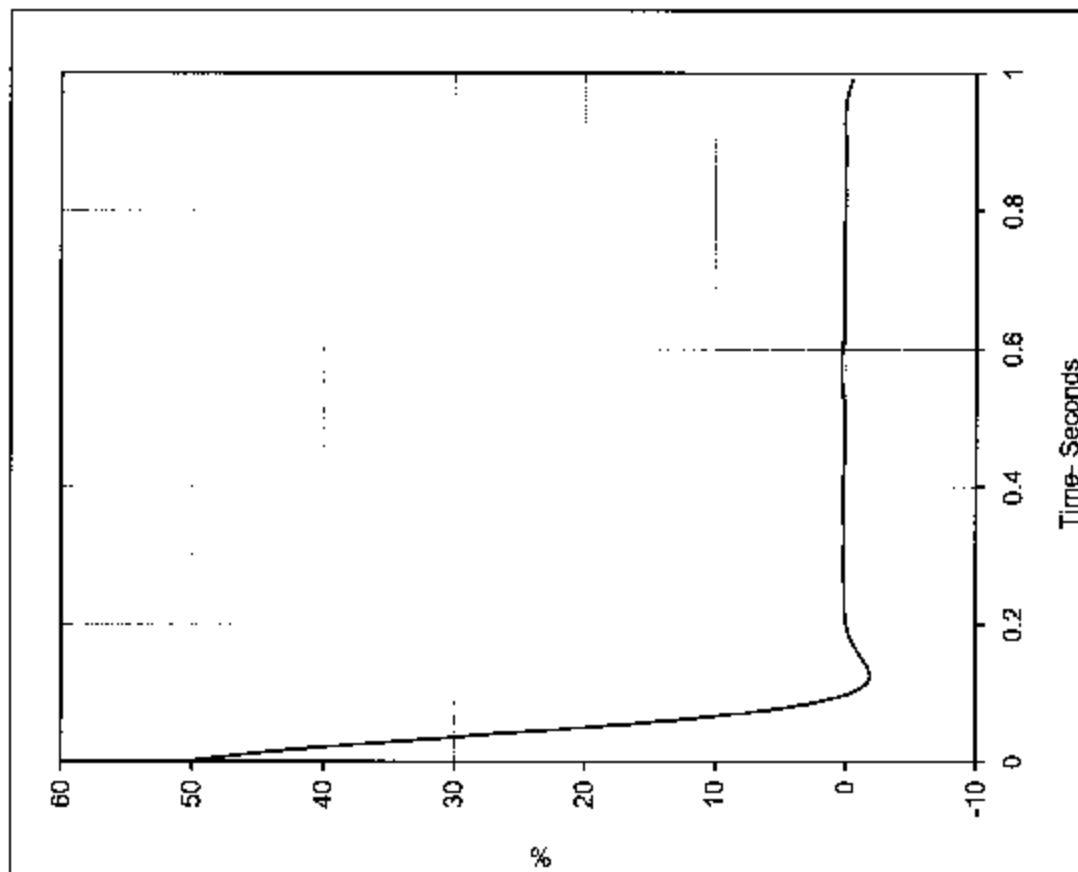
Test Date:

7/17/03

NHTSA No.:

C35303



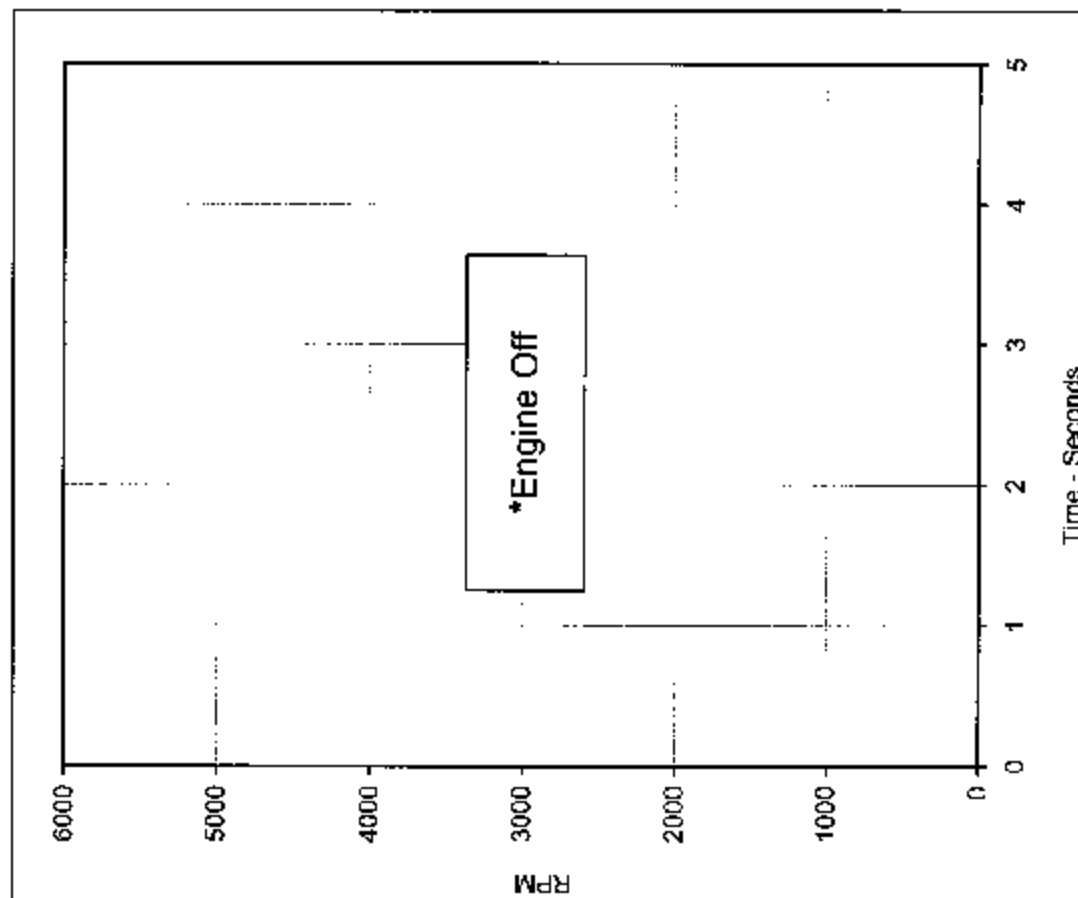


Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Units	Max	Time	Return Time (msec)	Filter (Hz)
%	50.7	0.0	100.0	5

Test Program:
Test Vehicle:

FMVSS 124 (Severance Of Throttle Cable)
2003 Honda Civic DX 2 Door Coupe



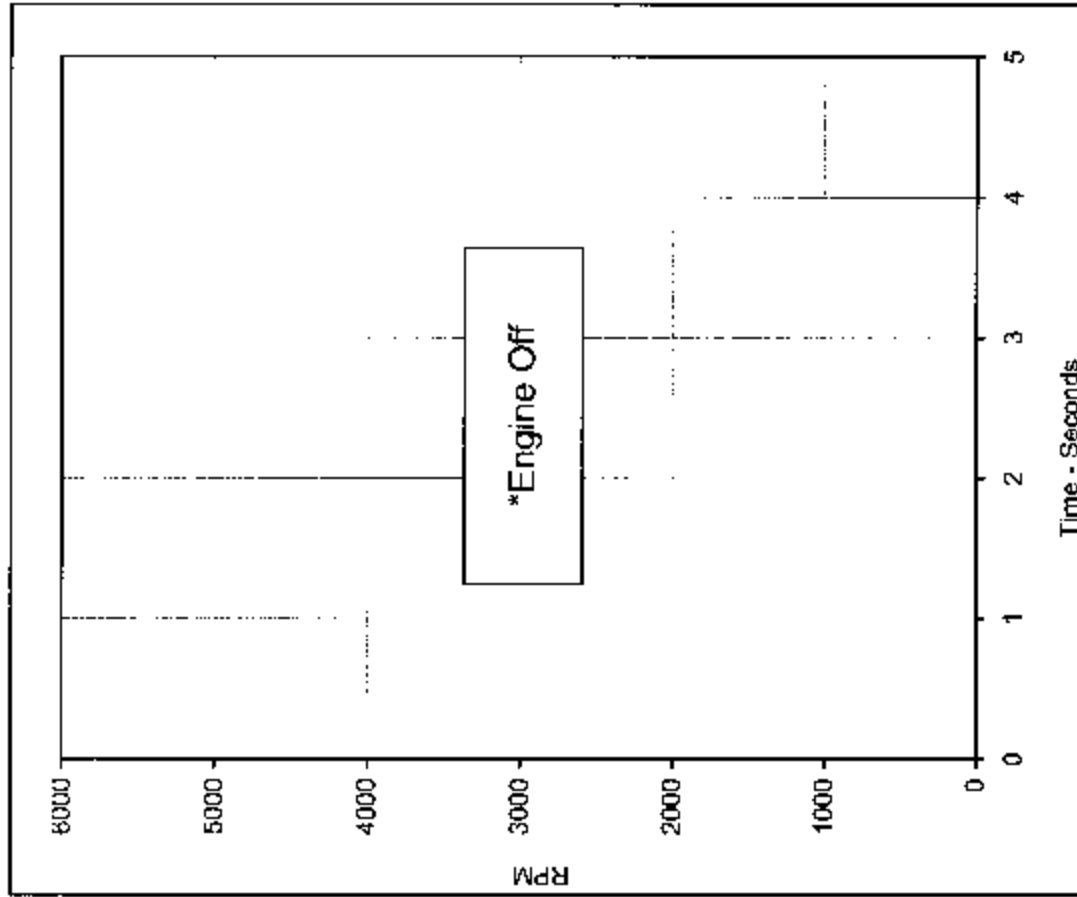
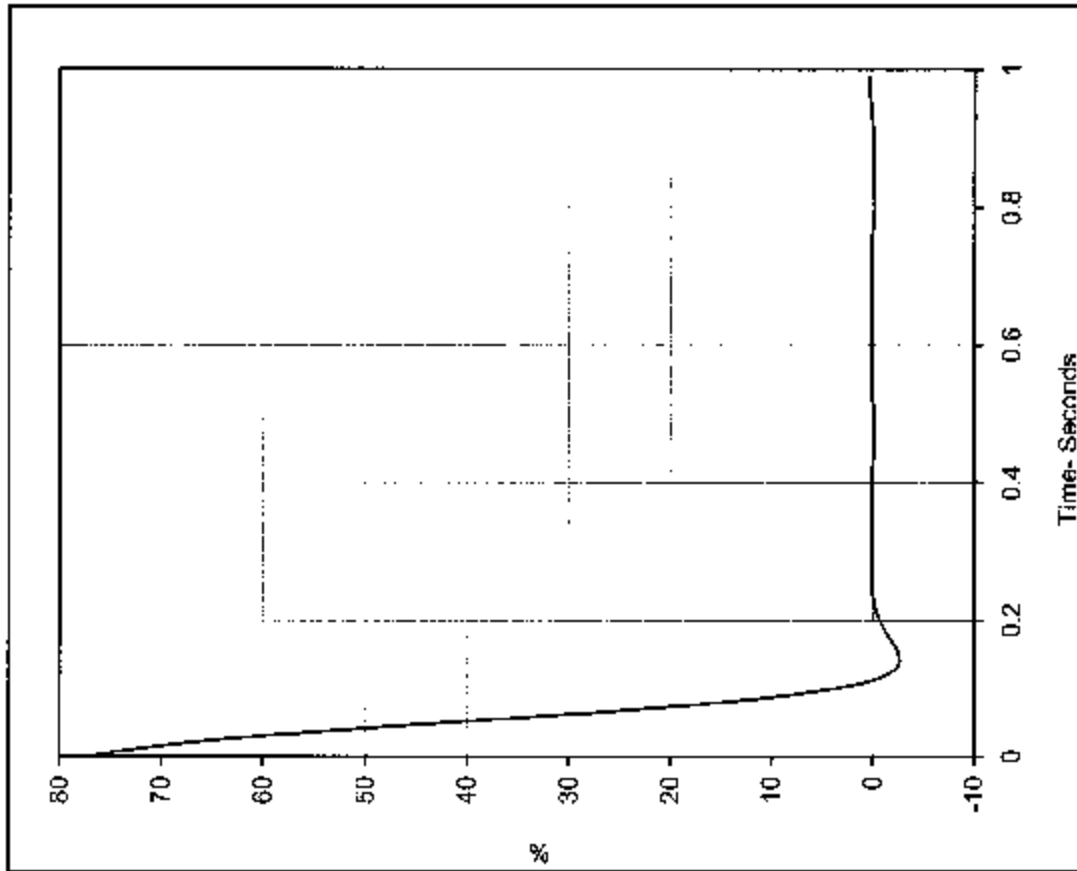
Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	0.0	0.0	0.0	5

*Engine Off

Test Date: 7/17/03
NHTSA No.: C35303





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

*Engine Off

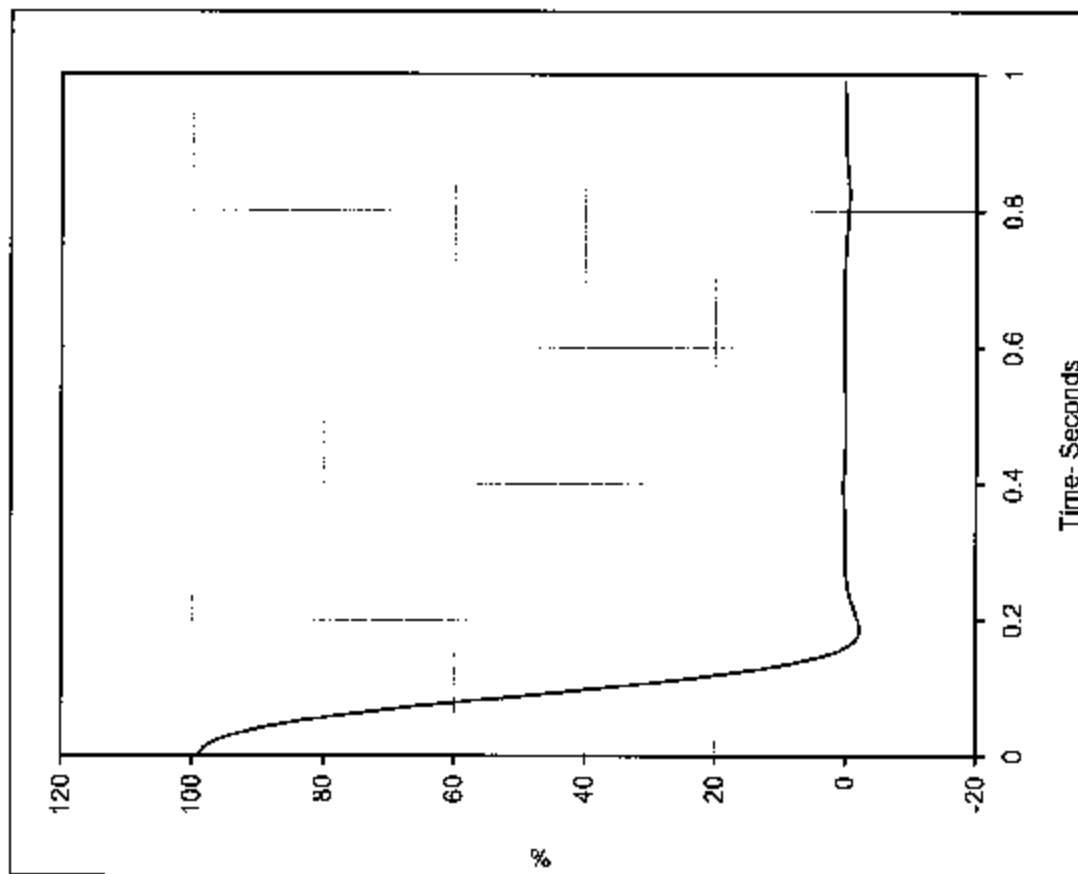
Test Date: 7/17/03

NHTSA No.: C35303

Test Program: FMVSS 124 (Severance Of Throttle Cable)

Test Vehicle: 2003 Honda Civic DX 2 Door Coupe





Curve Description		CURNO	Type
Throttle Position vs. Time		001	FIL

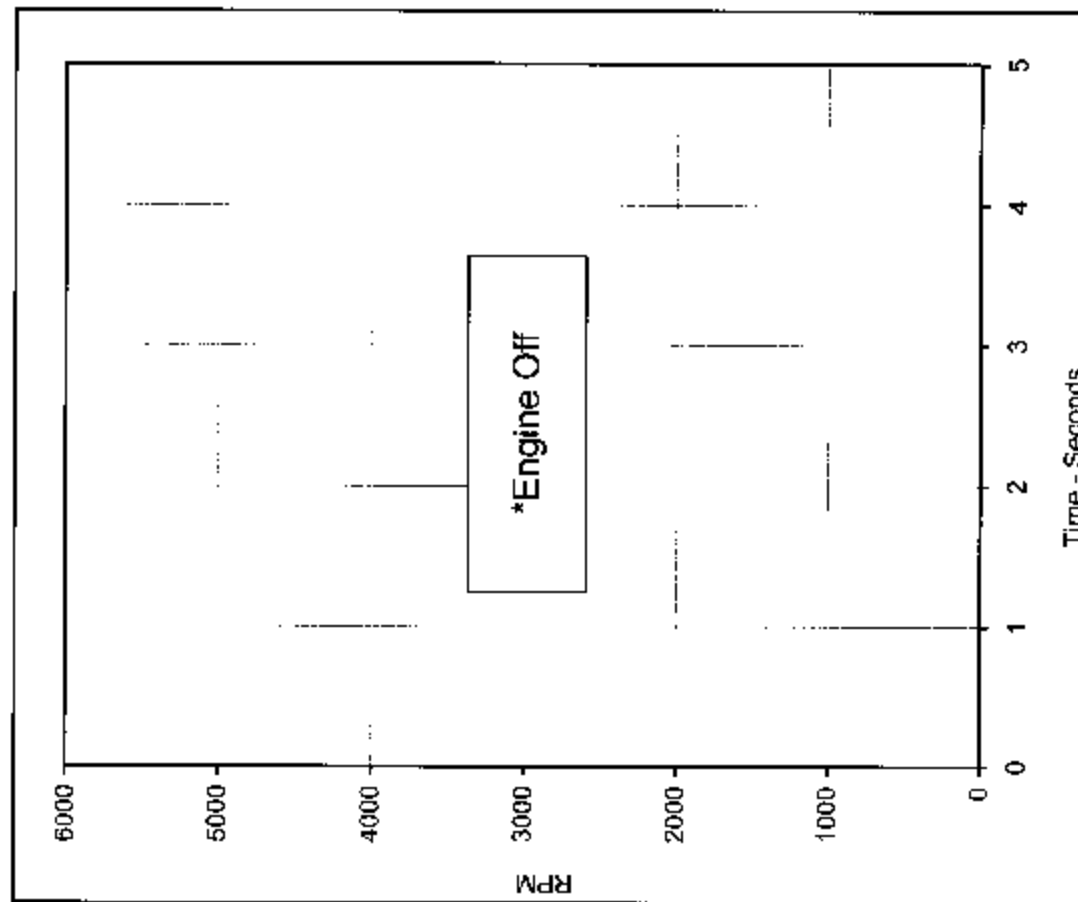
Units	Max	Time	Return Time (msec)	Filter (Hz)
%	99.1	0.0	160.0	5

Test Program:

FMVSS 124 (Severance Of Throttle Cable)

Test Vehicle:

2003 Honda Civic DX 2 Door Coupe



Curve Description		CURNO	Type
Engine RPM vs. Time		002	FIL

Units	Max	Time	Min	Filter (Hz)
RPM	0.0	0.0	0.0	5

*Engine Off

Test Date:

7/17/03

NHTSA No.:

C35303



APPENDIX C
TEST EQUIPMENT LIST AND CALIBRATION INFORMATION

FMVSS 124 Accelerator Control Systems
Test Equipment List
7/17/03
2003 Honda Civic DX 2 Door Coupe

Description	Manufacturer	Model No.	Serial No.	Limit	Accuracy	Cal. Date	Due Cal.
TDAS	DTS	TDAS	DM0101	N/A	SAE J211	11/28/02	11/28/03
Computer	Panasonic	CF-71	8IMAA01852	N/A	N/A	N/A	N/A
Optical 5th Wheel	Datron	DLS-2	06-262	150 MPH	± 1.0%	4/9/03	4/8/04

