

Attachment 1

**ECM Configuration Files
(8 Pages)**

Detroit Diesel Diagnostic Link - Calibrations

Printed on May 13, 1999

Detroit Diesel Corporation
13400 Outer Drive, West
Detroit, MI 48239-4001
313-592-5959

Vehicle Unit Number: 0000000000
Engine Serial Number: 06R0318785
File: Retrieved Calibration
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Vehicle Page

Parameter Name

Vehicle Identification Number
Vehicle Unit Number
Idle Adjust RPM
LSG Droop RPM
Engine/Service Brake
Engine Brake Minimum (mph)
Half Engine Mode
A/c Fan Timer (s)

Value

1M8PDMPA5VP049140
0000000000
0
125
N/A
N/A
N/A
180

Shift Page

Parameter Name

Enable progressive shift
Low gear #1 Off speed (mph)
Low gear #1 RPM limit
Low gear #1 Maximum limit
Low gear #2 Off speed (mph)
Low gear #2 RPM limit
Low gear #2 Maximum limit
High gear On speed (mph)
High gear RPM limit

Low gear torque limit (ft-lb)
Low gear torque limit threshold

Value

Disabled
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

Protection Page

Parameter Name

Oil pressure
Oil temperature
Oil level
Coolant pressure
Coolant temperature
Coolant level
Auxiliary shutdown 1
Auxiliary shutdown 2
Intercooler temperature
Crankcase pressure
R1 Protection Parameters
Parameter Name
R1 Oil temperature
R1 Coolant pressure
R1 Auxiliary shutdown 1
R1 Auxiliary shutdown 2

Value

Rampdown
Shutdown
N/A
N/A
Shutdown
Shutdown
Shutdown
N/A
N/A
N/A
N/A
Value
N/A
N/A
N/A
N/A

ISD & VSG Page

Parameter Name

Enable idle shutdown

Value

Disabled

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Idle shutdown time (min)	N/A
Idle shutdown Enabled on VSG	N/A
Idle shutdown Override	N/A
Override temperature disable Lower limit (°F)	N/A
Override temperature disable Upper limit (°F)	N/A
Variable speed governor Droop RPM	0
Variable speed governor min RPM	950
Variable speed governor max RPM	950
Variable speed governor Alt RPM	N/A
Optimized Idle	N/A

Cruise Page

Parameter Name	Value
Vehicle speed sensor	Enabled
Cruise	Enabled
Dynamic braking	N/A
Cruise Auto Resume	Disabled
Cruise Minimum set speed (mph)	20
Cruise Maximum set speed (mph)	75
Cruise switch VSG	Disabled
Cruise switch VSG Initial RPM	N/A
Cruise switch VSG RPM increment	N/A
Enable cruise engine brake	N/A
Cruise engine brake Activation speed (mph)	N/A
Cruise engine brake Increment speed (mph)	N/A

VSS Page

Parameter Name	Value
Vehicle speed sensor	Enabled
VSS Anti-Tamper	Disabled
VSS Type	Tail
VSS Signal	Switched
VSS ratio (rpm/mph)	22.385
Tire size (rev/mile)	488
VSS Teeth	16
Top gear ratio	0.64
Axle ratio	4.3
Pulses/mile	33574

Non-VSS Idle	
Idle method	N/A
RPM limit	N/A
Load limit (%)	N/A

Vehicle Speed Limit Page

Parameter Name	Value
Set speed limit	Enabled
Speed limit (mph)	75
Overspeed limit (mph)	0
Overspeed no fuel (mph)	0

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Compressor Page

Parameter Name	Value
Load (psi)	N/A
Unload (psi)	N/A
Rating #1 Min (psi)	N/A
Rating #1 Max (psi)	N/A
Rating #2 Min (psi)	N/A
Rating #2 Max (psi)	N/A
Rating #3 Min (psi)	N/A
Rating #3 Max (psi)	N/A

Economy and ESS Page

Economy

Parameter Name	Value
Calculation Type	Filtered
Minimum Economy (mpg)	7
Maximum Speed (mph)	0
Conversion Factor (mph/mpg)	5

ESS Transmission

Parameter Name	Value
Late Change	N/A
Engine Brake	N/A
Second Chance	N/A
Skip Shift	N/A

TOP 2 Transmission

Parameter Name	Value
TOP 2 Cruise Master Switch	N/A

Lockout Page

Parameter Name	Value
Idle Shutdown Lockout	Enabled
VSG Calibration Lockout	Disabled
Engine Protection Lockout	Disabled
Cruise Control Lockout	Disabled
ESS Transmission Lockout	Disabled
Progressive Shift Lockout	Disabled
Engine/Vehicle Options Lockout	Disabled
Engine Droop Lockout	Disabled
Air Compressor Lockout	Disabled

Miscellaneous Page

Maintenance Alert

Parameter Name	Value
Levels	N/A
Filters	N/A

Communications

Parameter Name	Value
J1922 ABS communications	Enabled
J1922 transmission communications	Enabled
J1939 communications	Disabled

Data Pages / DDEC Data

Parameter Name	Value
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Data Pages / DDEC Data
Blocks

Enabled
N/A

Governors

Parameter Name

Fire truck water pressure governor
Air governor

Value

Disabled
Disabled

Limits Page

Parameter Name

Rated RPM
Idle RPM
Max Idle Offset RPM
Min Idle Offset RPM
Max LSG Droop RPM
Transmission Type

Value

2110
600
100
-25
150
ALLISON WT

Detroit Diesel Diagnostic Link - Engine Configuration Data

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Engine Serial Number: 06R0318785

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Engine page:

Engine Series	Series 60
Engine serial number:	06R0318785
VIN:	1M8PDMPA5VP049140
Engine model:	6067GK28
Idle speed RPM:	600
Rated BHP:	400
Peak Torque ft-lb:	1450
Rated engine RPM:	2110
Peak torque RPM:	1200
LSG droop RPM:	125

ECM data page: Master

Rating group (6N4M#):	6405
Rating family (6N4D#):	6001
Application family (6N4C#):	304
EPA Certification:	525
ECM serial number:	SG6002AF
ECM software level:	~5.06
Shared version:	0
Rating version:	27

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Detroit Diesel Diagnostic Link - Maintenance Alert

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Maintenance Monitor

Status

Oil Level	N/A
Coolant Level	FULL
Air Filter Restriction	N/A
Oil Filter Restriction	N/A
Fuel Inlet Restriction	N/A

Preventative Maintenance

Status

Service A	Not Configured
Service B	Not Configured
Service C	Not Configured

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Input functions

J1	SET/COAST ON	Open
F1	TPS INHIBIT	Open
G3	RES/ACCEL ON	Open
F2	CRUZ ENABLE	Open
J2	CLUTCH REL	Open
G2	SERV BRK REL	Open
G1	SEO/DIAG REQ	Open
E1	FAN OVERRIDE	Open
H1	EXT PROTECT1	Open
H2	PARK BRK/ISD	Open
K2	NONE	
K3	NONE	

Output functions

F3	VEH PWR DOWN	Gnd
A2	NONE	
S3	NONE	
T3	NONE	
W3	FAN CNTRL#1	Gnd
X3	FAN CNTRL#2	Gnd
Y3	STRT LOCKOUT	Open
A1	COOL LOW LT	Open

PWM functions

J3	NONE	
Y1	NONE	
W2	NONE	
X2	FAN CONTROL	90

Timed Input function

X1	NONE	
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