

EVENT DATA REPORT

Vehicle 2017 RAM 2500 PICKUP 6.7L I6 CUMMINS TURBO DIESEL
VIN [REDACTED]

Odometer 47588.0 miles
Publication Date Jun 12, 2019, 12:36:19 PM

EVENT DATA 1

DESCRIPTION: P0562 BATTERY VOLTAGE LOW | ECU: PCM

NAME	VALUE	UNITS
TCC Unlock	True	
UD Clutch State	Clutch applied	
Output Speed	0	rpm
Turbine Torque	352	lbft
Speed Check Fault Counter	0	Counts
Engine Controller Temperature	-3.000000	°F
Lockup Fault Counter	0	Counts
Underdrive Pressure Switch Fault Counter	0	Counts
Low Reverse Pressure Switch Fault Counter	0	Counts
Target Gear	Neutral	
Trans. thermistor data valid	True	
4C Clutch Volume Index	57	
Odometer	44881.9	miles
Speed Check Logical Shut Down Counter	0	Counts
Speed control on	False	
Solenoid switch valve in downshift position	False	
Time Since Start	0.00	seconds
PRNDL Code	Park	
Shift Lever Position	Neutral	
LR Clutch Fill Volume Index	64	
Time Since Last Shift	1.505	seconds
Turbine Speed	111	rpm
UD Pressure Switch	Open	
4C Pressure Switch Fault Counter	0	Counts
Engine Coolant Temperature	-3.000000	°F
Low Reverse	False	
Throttle Angle	0.000	degrees
2C Pressure Switch	Open	
Solenoid Switch Valve Forced out of LR	False	
UD Clutch Volume Index	45	

Starts Since Previous DTC or Batt Disconnect	114	
Line Pressure Duty Cycle	0.000000000	%
4C Pressure Switch	Open	
DTC	05 62	
Engine Torque	332	lbft
Present Gear	Neutral	
Fault Code	P0562 Battery Voltage Low	
LR/CC Pressure Switch	Open	
Desired Line Pressure Open Loop Pressure Counter	0	Counts
Brakes On	True	
Vehicle Speed	0	MPH
PRNDL Position Displayed	Off	
2C Clutch Volume Index	44	
Transfer Case in Low	False	
Torque Converter Desired Slip	999	rpm
Engine Speed	130	rpm
Transmission Oil Temperature	-3.000000	°F
OD Clutch Volume Index	54	
Desired Line Pressure	125	PSI
Electronic Range Select Gear	7	
Current/Last Shift Performed	1st to 2nd	
Output Tooth Count	954960308	Teeth
Battery Volts	9.2	V
4C Clutch state	Clutch Not applied	
OD Clutch State	Clutch Not applied	
TCC Full Lockup	False	
Snapshot of LSF	False	
Desired Line Pressure Counter	0	Counts
LR clutch state	Clutch Not applied	
Pressure Switch Fault Counter	0	Counts
2C Clutch state	Clutch Not applied	
Line Pressure	0	PSI
2C Pressure Switch Fault Counter	0	Counts
TCC Parital Lockup	False	
OD Pressure Switch	Open	
FS/LR Clutch State	Clutch applied	
Overdrive Pressure Switch Fault Counter	0	Counts
PRNDL Data Error	False	

EVENT DATA 2**DESCRIPTION: P0562 BATTERY VOLTAGE LOW | ECU: PCM**

NAME	VALUE	UNITS
4C Clutch Volume Index	57	
2C Clutch Volume Index	44	

Target Gear	Neutral	
Low Reverse Pressure Switch Fault Counter	0	Counts
Snapshot of LSF	False	
TCC Full Lockup	False	
LR Clutch Fill Volume Index	64	
Present Gear	Neutral	
Transfer Case in Low	False	
Line Pressure	0	PSI
Engine Speed	131	rpm
Desired Line Pressure Open Loop Pressure Counter	0	Counts
Transmission Oil Temperature	-3.000000	°F
Current/Last Shift Performed	1st to 2nd	
Speed Check Fault Counter	0	Counts
Solenoid Switch Valve Forced out of LR	False	
Brakes On	True	
Time Since Last Shift	1.505	seconds
Desired Line Pressure	125	PSI
Turbine Speed	111	rpm
Vehicle Speed	0	MPH
Engine Torque	331	lbft
PRNDL Position Displayed	Off	
4C Clutch state	Clutch Not applied	
Lockup Fault Counter	0	Counts
Electronic Range Select Gear	7	
Throttle Angle	0.000	degrees
Solenoid switch valve in downshift position	False	
Starts Since Previous DTC or Batt Disconnect	19	
PRNDL Data Error	False	
Engine Coolant Temperature	-3.000000	°F
Line Pressure Duty Cycle	0.000000000	%
PRNDL Code	Park	
UD Clutch Volume Index	45	
DTC	05 62	
Shift Lever Position	Neutral	
Overdrive Pressure Switch Fault Counter	0	Counts
Desired Line Pressure Counter	0	Counts
Battery Volts	9.2	V
2C Clutch state	Clutch Not applied	
UD Clutch State	Clutch applied	
TCC Parital Lockup	False	
Speed Check Logical Shut Down Counter	0	Counts
2C Pressure Switch	Open	
OD Pressure Switch	Open	
Odometer	44997.2	miles

Underdrive Pressure Switch Fault Counter	0	Counts
Trans. thermistor data valid	True	
Output Speed	0	rpm
Engine Controller Temperature	-3.000000	°F
2C Pressure Switch Fault Counter	0	Counts
UD Pressure Switch	Open	
Time Since Start	0.00	seconds
Output Tooth Count	962283950	Teeth
4C Pressure Switch	Open	
OD Clutch State	Clutch Not applied	
FS/LR Clutch State	Clutch applied	
LR clutch state	Clutch Not applied	
Torque Converter Desired Slip	999	rpm
TCC Unlock	True	
Speed control on	False	
Turbine Torque	356	lbft
OD Clutch Volume Index	55	
LR/CC Pressure Switch	Open	
4C Pressure Switch Fault Counter	0	Counts
Pressure Switch Fault Counter	0	Counts
Low Reverse	False	
Fault Code	P0562 Battery Voltage Low	

EVENT DATA 3

DESCRIPTION: P0562 BATTERY VOLTAGE LOW | ECU: PCM

NAME	VALUE	UNITS
Transfer Case in Low	False	
PRNDL Position Displayed	Off	
Vehicle Speed	0	MPH
FS/LR Clutch State	Clutch applied	
OD Clutch State	Clutch Not applied	
Odometer	45116.5	miles
LR clutch state	Clutch Not applied	
Overdrive Pressure Switch Fault Counter	0	Counts
Engine Controller Temperature	-3.000000	°F
Low Reverse	False	
Engine Torque	399	lbft
4C Pressure Switch	Open	
Snapshot of LSF	False	
Fault Code	P0562 Battery Voltage Low	
Trans. thermistor data valid	True	
Speed Check Logical Shut Down Counter	0	Counts
Electronic Range Select Gear	7	
LR/CC Pressure Switch	Open	

OD Pressure Switch	Open	
Time Since Start	0.00	seconds
Low Reverse Pressure Switch Fault Counter	0	Counts
2C Clutch Volume Index	44	
Turbine Speed	116	rpm
Engine Speed	165	rpm
Desired Line Pressure	125	PSI
2C Pressure Switch Fault Counter	0	Counts
UD Clutch Volume Index	45	
Desired Line Pressure Counter	0	Counts
Transmission Oil Temperature	-3.000000	°F
4C Clutch Volume Index	57	
2C Pressure Switch	Open	
Output Speed	0	rpm
PRNDL Data Error	False	
Starts Since Previous DTC or Batt Disconnect	0	
TCC Full Lockup	False	
Desired Line Pressure Open Loop Pressure Counter	0	Counts
TCC Unlock	True	
2C Clutch state	Clutch Not applied	
Brakes On	True	
Time Since Last Shift	52.780	seconds
UD Pressure Switch	Open	
PRNDL Code	Park	
Output Tooth Count	969736947	Teeth
Throttle Angle	0.000	degrees
Turbine Torque	480	lbft
Solenoid switch valve in downshift position	False	
4C Clutch state	Clutch Not applied	
Line Pressure	0	PSI
TCC Parital Lockup	False	
Speed Check Fault Counter	0	Counts
4C Pressure Switch Fault Counter	0	Counts
Speed control on	False	
Engine Coolant Temperature	86.000000	°F
Lockup Fault Counter	0	Counts
Underdrive Pressure Switch Fault Counter	0	Counts
Pressure Switch Fault Counter	0	Counts
OD Clutch Volume Index	55	
DTC	05 62	
Line Pressure Duty Cycle	0.000000000	%
Shift Lever Position	Neutral	
Torque Converter Desired Slip	999	rpm
Solenoid Switch Valve Forced out of LR	False	

Current/Last Shift Performed	1st to 2nd	
UD Clutch State	Clutch applied	
Present Gear	Neutral	
LR Clutch Fill Volume Index	64	
Battery Volts	8.5	V
Target Gear	Neutral	

EVENT DATA 4

DESCRIPTION: | ECU: PCM

NAME	VALUE	UNITS
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EVENT DATA 5

DESCRIPTION: | ECU: PCM

NAME	VALUE	UNITS
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EVENT DATA 6

DESCRIPTION: | ECU: PCM

NAME	VALUE	UNITS
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EVENT DATA REPORT

Vehicle 2017 RAM 2500 PICKUP 6.7L I6 CUMMINS TURBO DIESEL
VIN [REDACTED]

Odometer 47524.8 miles
Publication Date Jun 11, 2019, 8:54:38 AM

EVENT DATA 1

DESCRIPTION: P0562 BATTERY VOLTAGE LOW | ECU: PCM

NAME	VALUE	UNITS
TCC Unlock	True	
UD Clutch State	Clutch applied	
Output Speed	0	rpm
Turbine Torque	352	lbft
Speed Check Fault Counter	0	Counts
Engine Controller Temperature	-3.000000	°F
Lockup Fault Counter	0	Counts
Underdrive Pressure Switch Fault Counter	0	Counts
Low Reverse Pressure Switch Fault Counter	0	Counts
Target Gear	Neutral	
Trans. thermistor data valid	True	
4C Clutch Volume Index	57	
Odometer	44881.9	miles
Speed Check Logical Shut Down Counter	0	Counts
Speed control on	False	
Solenoid switch valve in downshift position	False	
Time Since Start	0.00	seconds
PRNDL Code	Park	
Shift Lever Position	Neutral	
LR Clutch Fill Volume Index	64	
Time Since Last Shift	1.505	seconds
Turbine Speed	111	rpm
UD Pressure Switch	Open	
4C Pressure Switch Fault Counter	0	Counts
Engine Coolant Temperature	-3.000000	°F
Low Reverse	False	
Throttle Angle	0.000	degrees
2C Pressure Switch	Open	
Solenoid Switch Valve Forced out of LR	False	
UD Clutch Volume Index	45	

Starts Since Previous DTC or Batt Disconnect	114	
Line Pressure Duty Cycle	0.000000000	%
4C Pressure Switch	Open	
DTC	05 62	
Engine Torque	332	lbft
Present Gear	Neutral	
Fault Code	P0562 Battery Voltage Low	
LR/CC Pressure Switch	Open	
Desired Line Pressure Open Loop Pressure Counter	0	Counts
Brakes On	True	
Vehicle Speed	0	MPH
PRNDL Position Displayed	Off	
2C Clutch Volume Index	44	
Transfer Case in Low	False	
Torque Converter Desired Slip	999	rpm
Engine Speed	130	rpm
Transmission Oil Temperature	-3.000000	°F
OD Clutch Volume Index	54	
Desired Line Pressure	125	PSI
Electronic Range Select Gear	7	
Current/Last Shift Performed	1st to 2nd	
Output Tooth Count	954960308	Teeth
Battery Volts	9.2	V
4C Clutch state	Clutch Not applied	
OD Clutch State	Clutch Not applied	
TCC Full Lockup	False	
Snapshot of LSF	False	
Desired Line Pressure Counter	0	Counts
LR clutch state	Clutch Not applied	
Pressure Switch Fault Counter	0	Counts
2C Clutch state	Clutch Not applied	
Line Pressure	0	PSI
2C Pressure Switch Fault Counter	0	Counts
TCC Parital Lockup	False	
OD Pressure Switch	Open	
FS/LR Clutch State	Clutch applied	
Overdrive Pressure Switch Fault Counter	0	Counts
PRNDL Data Error	False	

EVENT DATA 2**DESCRIPTION: P0562 BATTERY VOLTAGE LOW | ECU: PCM**

NAME	VALUE	UNITS
4C Clutch Volume Index	57	
2C Clutch Volume Index	44	

Target Gear	Neutral	
Low Reverse Pressure Switch Fault Counter	0	Counts
Snapshot of LSF	False	
TCC Full Lockup	False	
LR Clutch Fill Volume Index	64	
Present Gear	Neutral	
Transfer Case in Low	False	
Line Pressure	0	PSI
Engine Speed	131	rpm
Desired Line Pressure Open Loop Pressure Counter	0	Counts
Transmission Oil Temperature	-3.000000	°F
Current/Last Shift Performed	1st to 2nd	
Speed Check Fault Counter	0	Counts
Solenoid Switch Valve Forced out of LR	False	
Brakes On	True	
Time Since Last Shift	1.505	seconds
Desired Line Pressure	125	PSI
Turbine Speed	111	rpm
Vehicle Speed	0	MPH
Engine Torque	331	lbft
PRNDL Position Displayed	Off	
4C Clutch state	Clutch Not applied	
Lockup Fault Counter	0	Counts
Electronic Range Select Gear	7	
Throttle Angle	0.000	degrees
Solenoid switch valve in downshift position	False	
Starts Since Previous DTC or Batt Disconnect	19	
PRNDL Data Error	False	
Engine Coolant Temperature	-3.000000	°F
Line Pressure Duty Cycle	0.000000000	%
PRNDL Code	Park	
UD Clutch Volume Index	45	
DTC	05 62	
Shift Lever Position	Neutral	
Overdrive Pressure Switch Fault Counter	0	Counts
Desired Line Pressure Counter	0	Counts
Battery Volts	9.2	V
2C Clutch state	Clutch Not applied	
UD Clutch State	Clutch applied	
TCC Parital Lockup	False	
Speed Check Logical Shut Down Counter	0	Counts
2C Pressure Switch	Open	
OD Pressure Switch	Open	
Odometer	44997.2	miles

Underdrive Pressure Switch Fault Counter	0	Counts
Trans. thermistor data valid	True	
Output Speed	0	rpm
Engine Controller Temperature	-3.000000	°F
2C Pressure Switch Fault Counter	0	Counts
UD Pressure Switch	Open	
Time Since Start	0.00	seconds
Output Tooth Count	962283950	Teeth
4C Pressure Switch	Open	
OD Clutch State	Clutch Not applied	
FS/LR Clutch State	Clutch applied	
LR clutch state	Clutch Not applied	
Torque Converter Desired Slip	999	rpm
TCC Unlock	True	
Speed control on	False	
Turbine Torque	356	lbft
OD Clutch Volume Index	55	
LR/CC Pressure Switch	Open	
4C Pressure Switch Fault Counter	0	Counts
Pressure Switch Fault Counter	0	Counts
Low Reverse	False	
Fault Code	P0562 Battery Voltage Low	

EVENT DATA 3

DESCRIPTION: P0562 BATTERY VOLTAGE LOW | ECU: PCM

NAME	VALUE	UNITS
Transfer Case in Low	False	
PRNDL Position Displayed	Off	
Vehicle Speed	0	MPH
FS/LR Clutch State	Clutch applied	
OD Clutch State	Clutch Not applied	
Odometer	45116.5	miles
LR clutch state	Clutch Not applied	
Overdrive Pressure Switch Fault Counter	0	Counts
Engine Controller Temperature	-3.000000	°F
Low Reverse	False	
Engine Torque	399	lbft
4C Pressure Switch	Open	
Snapshot of LSF	False	
Fault Code	P0562 Battery Voltage Low	
Trans. thermistor data valid	True	
Speed Check Logical Shut Down Counter	0	Counts
Electronic Range Select Gear	7	
LR/CC Pressure Switch	Open	

OD Pressure Switch	Open	
Time Since Start	0.00	seconds
Low Reverse Pressure Switch Fault Counter	0	Counts
2C Clutch Volume Index	44	
Turbine Speed	116	rpm
Engine Speed	165	rpm
Desired Line Pressure	125	PSI
2C Pressure Switch Fault Counter	0	Counts
UD Clutch Volume Index	45	
Desired Line Pressure Counter	0	Counts
Transmission Oil Temperature	-3.000000	°F
4C Clutch Volume Index	57	
2C Pressure Switch	Open	
Output Speed	0	rpm
PRNDL Data Error	False	
Starts Since Previous DTC or Batt Disconnect	0	
TCC Full Lockup	False	
Desired Line Pressure Open Loop Pressure Counter	0	Counts
TCC Unlock	True	
2C Clutch state	Clutch Not applied	
Brakes On	True	
Time Since Last Shift	52.780	seconds
UD Pressure Switch	Open	
PRNDL Code	Park	
Output Tooth Count	969736947	Teeth
Throttle Angle	0.000	degrees
Turbine Torque	480	lbft
Solenoid switch valve in downshift position	False	
4C Clutch state	Clutch Not applied	
Line Pressure	0	PSI
TCC Parital Lockup	False	
Speed Check Fault Counter	0	Counts
4C Pressure Switch Fault Counter	0	Counts
Speed control on	False	
Engine Coolant Temperature	86.000000	°F
Lockup Fault Counter	0	Counts
Underdrive Pressure Switch Fault Counter	0	Counts
Pressure Switch Fault Counter	0	Counts
OD Clutch Volume Index	55	
DTC	05 62	
Line Pressure Duty Cycle	0.000000000	%
Shift Lever Position	Neutral	
Torque Converter Desired Slip	999	rpm
Solenoid Switch Valve Forced out of LR	False	

Current/Last Shift Performed	1st to 2nd	
UD Clutch State	Clutch applied	
Present Gear	Neutral	
LR Clutch Fill Volume Index	64	
Battery Volts	8.5	V
Target Gear	Neutral	

EVENT DATA 4

DESCRIPTION: | ECU: PCM

NAME	VALUE	UNITS
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EVENT DATA 5

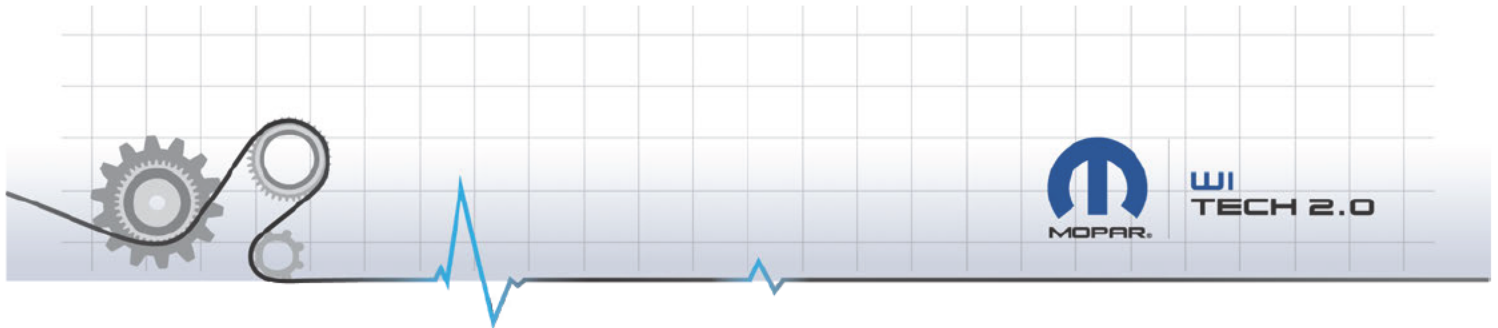
DESCRIPTION: | ECU: PCM

NAME	VALUE	UNITS
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EVENT DATA 6

DESCRIPTION: | ECU: PCM

NAME	VALUE	UNITS
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FREEZE FRAME REPORT

Vehicle 2017 RAM 2500 PICKUP 6.7L I6 CUMMINS TURBO DIESEL
VIN [REDACTED]

Odometer 47524.8 miles
Publication Date Jun 11, 2019, 8:53:11 AM

FREEZE FRAME #1

CODE: P2509 | ECU: PCM

NAME	VALUE	UNITS
SCR Pump State		
Fueling Control State	FUELING STOP STATE	
PCode	25 09	
Coolant Temperature	96.50	°F
Key Switch	On	
Boost Pressure	14.66	PSI
EGR Valve Position	0.00	%
Exhaust Gas Temperature Sensor 2 (Cat Outlet Temp)	60.35	°F
Intake Manifold Temperature	212.00	°F
Exhaust Gas Temperature Sensor 1 (Cat Inlet Temp)	63.39	°F
Exhaust Gas Temperature Sensor 3 (Cat Soot Filter Outlet Temp)	62.83	°F
Exhaust Pressure 2	61.83	in Hg
Intake Air Throttle Position	95.98	%
Calibration Phase	5	No Unit
AFT Diesel Exhaust Fluid Quality Sensor	0.00000	%
EGR Cooler Bypass Valve Actuator Position	0.00	%
AFT Combined Soot Load Estimate	1.62500	g/l
Calibration Version	3	No Unit
Road Speed	0.00	MPH
Calibration Model Year	17	No Unit
Ambient Air Pressure	0.00	PSI
Exhaust Gas Temperature Sensor 4 (SCR Cat Midbed Temp)	62.85313	°F
Engine Speed	0.00	rpm
AFT DEF Dosing Rate		g/hr
Catalyst Soot Filter Delta Pressure	0.000	PSI
Exhaust Gas Temperature Sensor 5 (SCR Cat Outlet Temp)	65.27187	°F
Vehicle Distance	47457.10	miles
Mass Air Flow	0.000	LB/Min
After Treatment Ammonia Sensor	0.00000	ppm
Calibration Type	32	No Unit

Fuel Rail Pressure	273.76	PSI
ECM Run Time	12184492.00	S
Battery Voltage	11.50	V
VGT Actuator Position Commanded	5.00	%
Fuel Rail Pressure Commanded	4641.21	PSI
AFT Outlet NOx	0.00000	ppm
Commanded Accelerator Position	0.00	%
Turbocharger Speed	0.00	KRPM
DEF (Reductant) Tank Temperature	32.00000	°F
EGR Orifice Temperature	932.000	°F
PT Operating Mode	None	
VGT Actuator Position	0.000	%
Water In Fuel State	NO WATER DETECTED	
Water In Fuel Total Time	0	sec
AFT Intake NOx	0.00000	ppm
Instantaneous Percent Load	0.00	%
Water In Fuel Sensor Voltage	3.13	V
Ambient Air Temperature	2D00	°F
AFT Intake O2	0.00000	%

FREEZE FRAME #2

CODE: | ECU: PCM

NAME	VALUE	UNITS
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FREEZE FRAME #3

CODE: | ECU: PCM

NAME	VALUE	UNITS
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FREEZE FRAME #4

CODE: | ECU: PCM

NAME	VALUE	UNITS
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FREEZE FRAME #5

CODE: | ECU: PCM

NAME	VALUE	UNITS
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FREEZE FRAME #6

CODE: | ECU: PCM

NAME	VALUE	UNITS
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FREEZE FRAME #7

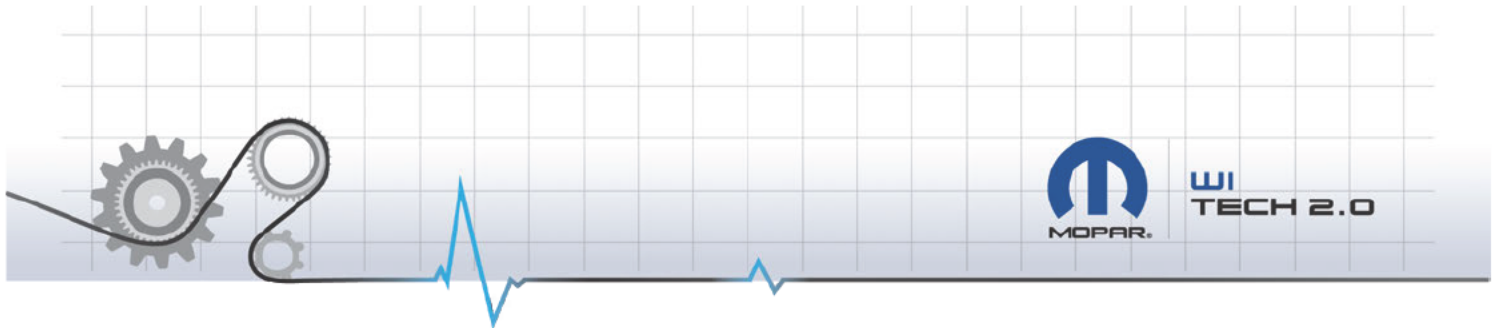
CODE: | ECU: PCM

NAME	VALUE	UNITS
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FREEZE FRAME #8

CODE: | ECU: PCM

NAME	VALUE	UNITS
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VEHICLE SCAN REPORT

Vehicle 2017 RAM 2500 PICKUP 6.7L I6 CUMMINS TURBO DIESEL
VIN [REDACTED]

Odometer 47588.0 miles
Publication Date Jun 12, 2019, 12:35:47 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	32370731AI	[REDACTED]	[REDACTED]	32370731AI
ICS	Integrated Center Stack	CAN-I	1UJ97DX9AJ	[REDACTED]	[REDACTED]	1UJ97DX9AJ
RFH	Radio Frequency Hub	CAN-C	68319680AC	[REDACTED]	[REDACTED]	68319680AC
ABS	Anti Lock Brakes	CAN-C	68351453AA	[REDACTED]	[REDACTED]	68351453AA
DTCM	Drive Train Control Module	CAN-C	68250127AA	[REDACTED]	[REDACTED]	68250127AA
ORC	Occupant Restraint	CAN-C	68346749AB	[REDACTED]	[REDACTED]	68346749AB
HVAC	Heat, Ventilation and A/C	CAN-I	68268187AA	[REDACTED]	[REDACTED]	68268187AA
DDM	Driver Door Module	CAN-I	68225103AC	[REDACTED]	[REDACTED]	68225103AC
PDM	Passenger Door Module	CAN-I	68225102AC	[REDACTED]	[REDACTED]	68225102AC
MSM	Memory Seat Module	CAN-I	05026618AF	[REDACTED]	[REDACTED]	05026618AF
AMP	Amplifier	CAN-I	68267099AB	[REDACTED]	[REDACTED]	68267099AB
IPC	Instrument Panel Cluster	CAN-C	68302591AD	[REDACTED]	[REDACTED]	68302591AD
PTS	Parktronics	CAN-C	68141530AJ	[REDACTED]	[REDACTED]	68141530AJ
SCCM	Steering Column Control Module	CAN-C	68110740AE	[REDACTED]	[REDACTED]	68110740AE
BCM	Body Controller	CAN-C	68320320AC	[REDACTED]	[REDACTED]	68320319AC
DCU	Dosing Control Unit	CAN-C	68313041AA	[REDACTED]	[REDACTED]	68313041AA
HSM	Heated Seat Module	CAN-I	68217268AE	[REDACTED]	[REDACTED]	68217268AE
RADIO	Radio	CAN-I	68270661AG	[REDACTED]	[REDACTED]	68270661AG
ITBM	Integrated Trailer Brake Module	CAN-C	68288760AB	[REDACTED]	[REDACTED]	68288760AB
VGT	Variable Geometry Turbo	CAN-C	68213171AC	[REDACTED]	[REDACTED]	68213171AC

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	VARIANT	VERSION	ISO CODE	CVNS
PCM	USA	00	17	24	08		C9869FD1 138973A8

C9F94B8C
CBCF7559
D7169BE8
A5487962

ICS	USA	0C 1A 42	0D 1E 1E	41	00		
RFH	USA	0D 20 01	10 2A 01	41	04		
ABS		11 0B 00	10 09 01	40	08		
DTCM	USA	10 11	05 01 09	40	02		
ORC	USA	0C 25 02	11 30 00	42	01		
HVAC	USA	0D 12 04	0E 30 00	42	01		
DDM	USA / USA	13 22 00	15 07 00	41	02		
PDM	USA	13 22 00	15 07 00	41	02		
MSM	USA	0C 30 00	0F 0A 00	40	16		
AMP	USA	13 21 01	0F 25 00	40	05		
IPC	USA / USA	05 02 03	10 27 01	42	01		
PTS	USA	08 33 01	0F 0C 03	41	05		
SCCM	USA	0A 2E 04	0B 26 00	41	01		
BCM	USA	0D 11 00	12 06 40	43	05		
DCU	—	0C 18 00	0E 21 00	02	00		
HSM	USA / USA	0D 0E 00	10 25 00	40	02		
RADIO	USA	0F 28 00	11 0B 07	80	02		
ITBM	USA	10 0E 02	10 0E 40	40	00		
VGT		0D 06 00	0E 02 00	01	00		

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
ABS	C0037-62	Left Rear Wheel Speed Sensor-Signal Compare Failure	Active
ABS	C0037-1D	Left Rear Wheel Speed Sensor-Circuit Current Out of Range	Active
DTCM	U0415	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"	Active
PTS	U0418-00	Implausible Data Received From Brake System Control Module 1-	Active

ENVIRONMENTAL DATA SUMMARY

ABS | C0037-62 | ACTIVE | LEFT REAR WHEEL SPEED SENSOR-SIGNAL COMPARE FAILURE

NAME	VALUE	UNITS
Test Failed	True	
DTC	40 37 62	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Controller Event	No	
Occurrence flag	ERROR	
Warning Indicator Requested	True	

Mirror Memory	No	
Undervoltage Suspected	No	
Current System Mode	Engine Running	
Previous System Mode	Engine Running	
System Condition	OK	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
Rotation Direction Left Front	Forward	
MSR control	Not active	
ASR control	Not active	
ABS control	Active	
ESP Control	Not active	
EBV control	Not active	
HBA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
BLS_High	Yes	
HSA control	Not active	
BLS_Low	Yes	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Park Brake	Not Activated	
Actual Gear	6	
Transmission selector lever setting	D	
Fault Time	1386.60	S
Supply Voltage Valves	13.3	V
Uecu unfiltered	13.3	V
Supply voltage Pump	13.3	V
Wheel Speed Left Rear	11.185	MPH
Wheel Speed Left Front	49.213	MPH
Wheel Speed Right Front	49.213	MPH
Most Recent Odometer Value	47562	miles
Original Odometer Value	47562	miles
Wheel Speed Right Rear	49.213	MPH
Steering Wheel Angle	0.00	°
Longitudinal Acceleration	-0.65	m/s ²
Lateral Acceleration	-0.43	m/s ²
Primary Circuit Pressure	0.00	PSI
Yaw Rate	0.000	°/s
Frequency Counter	1	
Ignition Cycle Counter	0	

Accelerator Pedal Position	23.6	%
Pressure Left Rear	0.00	PSI
Pressure Left Front	0.00	PSI
Supplier Internal Code	18	

ABS | C0037-1D | ACTIVE | LEFT REAR WHEEL SPEED SENSOR-CIRCUIT CURRENT OUT OF RANGE

NAME	VALUE	UNITS
Test Failed	True	
DTC	40 37 1D	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Warning Indicator Requested	True	
Pending DTC	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	False	
Mirror Memory	No	
Undervoltage Suspected	No	
Controller Event	No	
Previous System Mode	Engine Running	
System Condition	Fault / Diagnostic	
Current System Mode	Engine Running	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
MSR control	Not active	
ASR control	Not active	
ABS control	Not active	
HSA control	Not active	
EBV control	Not active	
ESP Control	Not active	
HBA control	Not active	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
BLS_High	Yes	
Hold	No	
Park Brake	Not Activated	
BLS_Low	Yes	
ESP-OFF mode	No	
Clutch	Not Activated	
Transmission selector lever setting	D	
Actual Gear	6	

Stop Coordinator Active	No	
Original Odometer Value	47562	miles
Supply Voltage Valves	13.3	V
Most Recent Odometer Value	47562	miles
Fault Time	1386.60	S
Frequency Counter	1	
Uecu unfiltered	13.3	V
Wheel Speed Right Front	49.213	MPH
Wheel Speed Left Front	49.213	MPH
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	49.213	MPH
Steering Wheel Angle	0.00	°
Longitudinal Acceleration	-0.22	m/s ²
Supply voltage Pump	13.3	V
Lateral Acceleration	0.00	m/s ²
Yaw Rate	0.000	°/s
Pressure Left Front	0.00	PSI
Primary Circuit Pressure	0.00	PSI
Pressure Left Rear	0.00	PSI
Accelerator Pedal Position	24.0	%
Ignition Cycle Counter	0	
Supplier Internal Code	2	

DTCM | U0415 | ACTIVE | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE 'A'

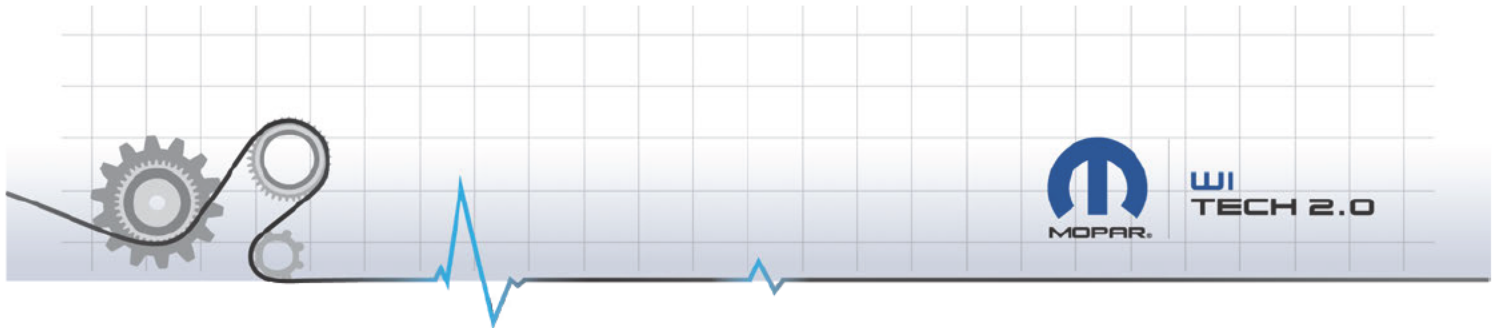
NAME	VALUE	UNITS
DTC Readiness Flag	Complete	
Occurrence Flag	Occurrence	
DTC Storage State	Active	
Warning Indicator Request State	Off	
PRNDL	Drive	
T-Case Motor (Applied) Duty Cycle	0.00%	
Throttle Pedal Position	40.00%	
T-Case Status	2WD	
T-Case Shift Request	2 Wheel Drive	
Left Rear Wheel Speed (DHL)	300 RPM	
Left Front Wheel Speed (DVL)	525 RPM	
Right Rear Wheel Speed (DHR)	525 RPM	
Center Diff ESP Request	DTCM Control	
Right Front Wheel Speed (DVR)	525 RPM	
T-Case Digital Encoder State	Invalid	
Brake Switch	Brake Not Operated	
DTC Extended Data Record Number 2	0	
Original Odometer	47562	miles
Vehicle Speed	53	MPH

Frequency Counter	1	
Most Recent Odometer	47562	miles
Operation Cycle Counter	0	
Static Engine Torque	479	Ft-Lbs
Ambient Temperature	91.4	°F
Battery Voltage	13.6	Volts
Engine RPM	1120	rpm
T-Case Encoder Voltage	0.00	Volts

PTS | U0418-00 | ACTIVE | IMPLAUSIBLE DATA RECEIVED FROM BRAKE SYSTEM CONTROL MODULE 1-

NAME	VALUE	UNITS
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Failed	True	
Confirmed DTC	True	
DTC	C4 18 00	
DTC Extended Data Record Number - All	01	
Pending DTC	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Test Failed This Operation Cycle	True	
Warning Indicator Requested	True	
Most Recent Odometer Value	47562	miles
Original Odometer Value	47562	miles
Operation Cycle Counter	0	
Frequency Counter	1	

SNAPSHOT DATA SUMMARY



VEHICLE SCAN REPORT

Vehicle 2017 RAM 2500 PICKUP 6.7L I6 CUMMINS TURBO DIESEL
VIN [REDACTED]

Odometer 47524.8 miles
Publication Date Jun 11, 2019, 8:53:40 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	32370731AI	[REDACTED]	[REDACTED]	32370731AI
ICS	Integrated Center Stack	CAN-I	1UJ97DX9AJ	[REDACTED]	[REDACTED]	1UJ97DX9AJ
RFH	Radio Frequency Hub	CAN-C	68319680AC	[REDACTED]	[REDACTED]	68319680AC
ABS	Anti Lock Brakes	CAN-C	68351453AA	[REDACTED]	[REDACTED]	68351453AA
DTCM	Drive Train Control Module	CAN-C	68250127AA	[REDACTED]	[REDACTED]	68250127AA
ORC	Occupant Restraint	CAN-C	68346749AB	[REDACTED]	[REDACTED]	68346749AB
HVAC	Heat, Ventilation and A/C	CAN-I	68268187AA	[REDACTED]	[REDACTED]	68268187AA
DDM	Driver Door Module	CAN-I	68225103AC	[REDACTED]	[REDACTED]	68225103AC
PDM	Passenger Door Module	CAN-I	68225102AC	[REDACTED]	[REDACTED]	68225102AC
MSM	Memory Seat Module	CAN-I	05026618AF	[REDACTED]	[REDACTED]	05026618AF
AMP	Amplifier	CAN-I	68267099AB	[REDACTED]	[REDACTED]	68267099AB
IPC	Instrument Panel Cluster	CAN-C	68302591AD	[REDACTED]	[REDACTED]	68302591AD
PTS	Parktronics	CAN-C	68141530AJ	[REDACTED]	[REDACTED]	68141530AJ
SCCM	Steering Column Control Module	CAN-C	68110740AE	[REDACTED]	[REDACTED]	68110740AE
BCM	Body Controller	CAN-C	68320320AC	[REDACTED]	[REDACTED]	68320319AC
DCU	Dosing Control Unit	CAN-C	68313041AA	[REDACTED]	[REDACTED]	68313041AA
HSM	Heated Seat Module	CAN-I	68217268AE	[REDACTED]	[REDACTED]	68217268AE
RADIO	Radio	CAN-I	68270661AG	[REDACTED]	[REDACTED]	68270661AG
ITBM	Integrated Trailer Brake Module	CAN-C	68288760AB	[REDACTED]	[REDACTED]	68288760AB
VGT	Variable Geometry Turbo	CAN-C	68213171AC	[REDACTED]	[REDACTED]	68213171AC

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	VARIANT	VERSION	ISO CODE	CVNS
PCM	USA	00	17	24	08		C9869FD1 138973A8

C9F94B8C
CBCF7559
D7169BE8
A5487962

ICS	USA	0C 1A 42	0D 1E 1E	41	00		
RFH	USA	0D 20 01	10 2A 01	41	04		
ABS		11 0B 00	10 09 01	40	08		
DTCM	USA	10 11	05 01 09	40	02		
ORC	USA	0C 25 02	11 30 00	42	01		
HVAC	USA	0D 12 04	0E 30 00	42	01		
DDM	USA / USA	13 22 00	15 07 00	41	02		
PDM	USA	13 22 00	15 07 00	41	02		
MSM	USA	0C 30 00	0F 0A 00	40	16		
AMP	USA	13 21 01	0F 25 00	40	05		
IPC	USA / USA	05 02 03	10 27 01	42	01		
PTS	USA	08 33 01	0F 0C 03	41	05		
SCCM	USA	0A 2E 04	0B 26 00	41	01		
BCM	USA	0D 11 00	12 06 40	43	05		
DCU	—	0C 18 00	0E 21 00	02	00		
HSM	USA / USA	0D 0E 00	10 25 00	40	02		
RADIO	USA	0F 28 00	11 0B 07	80	02		
ITBM	USA	10 0E 02	10 0E 40	40	00		
VGT		0D 06 00	0E 02 00	01	00		

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P2509	ECM/PCM Power Input Signal Intermittent	Stored
RFH	B1A7B-62	Immobilizer Antenna (KIN/IGNM)-Signal Compare Failure	Stored
RFH	U103C-00	KIN/IGNM Communication-	Stored
RFH	B1A7D-2A	Start Button-Stuck	Stored
ABS	C0037-62	Left Rear Wheel Speed Sensor-Signal Compare Failure	Stored
ABS	C0037-1D	Left Rear Wheel Speed Sensor-Circuit Current Out of Range	Stored
DTCM	U0415	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"	Stored
PTS	U0418-00	Implausible Data Received From Brake System Control Module 1-	Stored
BCM	B17FB-00	Auto High Beam Camera View Blocked-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P2509 | STORED | ECM/PCM POWER INPUT SIGNAL INTERMITTENT

NAME	VALUE	UNITS
DTC	01 25	
Occurrence Flag	Fault	
DTC Storage State	Stored	
DTC Readiness Flag	Test Complete	
Warning Indicator Request State	False	
Frequency Counter	1	

Operation Cycle Counter	4	
Most Recent Odometer	47453	miles
Original Odometer	47453	miles

RFH | B1A7B-62 | STORED | IMMOBILIZER ANTENNA (KIN/IGNM)-SIGNAL COMPARE FAILURE

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	47453	miles
Most Recent Odometer Value	47453	miles
Frequency Counter	1	
Ignition Cycle Counter	18	

RFH | U103C-00 | STORED | KIN/IGNM COMMUNICATION-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Most Recent Odometer Value	47453	miles
Original Odometer Value	47393	miles
Frequency Counter	4	
Ignition Cycle Counter	18	

RFH | B1A7D-2A | STORED | START BUTTON-STUCK

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	

Confirmed DTC	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	47393	miles
Frequency Counter	1	
Most Recent Odometer Value	47393	miles
Ignition Cycle Counter	28	

ABS | C0037-62 | STORED | LEFT REAR WHEEL SPEED SENSOR-SIGNAL COMPARE FAILURE

NAME	VALUE	UNITS
DTC	40 37 62	
Test Failed This Operation Cycle	False	
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Controller Event	No	
Undervoltage Suspected	No	
Mirror Memory	No	
Current System Mode	Engine Running	
Previous System Mode	Engine Running	
System Condition	OK	
Rotation Direction Left Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
Rotation Direction Right Front	Forward	
EBV control	Not active	
ASR control	Not active	
MSR control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
ABS control	Active	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
BLS_High	Yes	

BLS_Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Stop Coordinator Active	No	
Clutch	Not Activated	
Actual Gear	4	
Transmission selector lever setting	D	
Original Odometer Value	47483	miles
Ignition Cycle Counter	9	
Most Recent Odometer Value	47483	miles
Supply Voltage Valves	13.1	V
Fault Time	303.20	S
Wheel Speed Left Rear	11.185	MPH
Wheel Speed Right Front	34.673	MPH
Wheel Speed Right Rear	33.554	MPH
Supply voltage Pump	13.1	V
Uecu unfiltered	13.1	V
Steering Wheel Angle	0.00	°
Primary Circuit Pressure	0.00	PSI
Pressure Left Front	0.00	PSI
Yaw Rate	0.000	°/s
Frequency Counter	1	
Lateral Acceleration	0.00	m/s ²
Wheel Speed Left Front	34.673	MPH
Accelerator Pedal Position	4.8	%
Pressure Left Rear	0.00	PSI
Supplier Internal Code	18	
Longitudinal Acceleration	0.00	m/s ²

ABS | C0037-1D | STORED | LEFT REAR WHEEL SPEED SENSOR-CIRCUIT CURRENT OUT OF RANGE

NAME	VALUE	UNITS
Test Failed	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
DTC	40 37 1D	
Warning Indicator Requested	False	
Test Failed This Operation Cycle	False	
Mirror Memory	No	
Occurrence flag	ERROR	
Undervoltage Suspected	No	
Controller Event	No	
Test Not Completed Since Last Clear	False	

Previous System Mode	Engine Running	
Current System Mode	Engine Running	
System Condition	Fault / Diagnostic	
Rotation Direction Right Front	Forward	
Rotation Direction Left Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not active	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
ASR control	Not active	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
BLS_High	Yes	
BLS_Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Stop Coordinator Active	No	
Clutch	Not Activated	
Transmission selector lever setting	D	
Actual Gear	4	
Original Odometer Value	47473	miles
Most Recent Odometer Value	47483	miles
Frequency Counter	3	
Uecu unfiltered	13.0	V
Wheel Speed Left Front	33.554	MPH
Supply Voltage Valves	13.0	V
Wheel Speed Right Front	34.673	MPH
Supply voltage Pump	13.0	V
Yaw Rate	0.000	°/s
Wheel Speed Left Rear	0.000	MPH
Wheel Speed Right Rear	33.554	MPH
Primary Circuit Pressure	0.00	PSI
Pressure Left Front	0.00	PSI
Steering Wheel Angle	0.00	°
Fault Time	303.20	S
Ignition Cycle Counter	10	
Accelerator Pedal Position	2.8	%
Pressure Left Rear	0.00	PSI
Lateral Acceleration	0.00	m/s^2

Longitudinal Acceleration	-0.22	m/s^2
Supplier Internal Code	2	

DTCM | U0415 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE "A"

NAME	VALUE	UNITS
Occurrence Flag	Occurrence	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
PRNDL	Park	
T-Case Motor (Applied) Duty Cycle	0.00%	
Throttle Pedal Position	0.00%	
DTC Readiness Flag	Complete	
Brake Switch	Brake Operated	
T-Case Shift Request	2 Wheel Drive	
T-Case Status	2WD	
Left Front Wheel Speed (DVL)	0 RPM	
Right Rear Wheel Speed (DHR)	0 RPM	
T-Case Digital Encoder State	Invalid	
Center Diff ESP Request	DTCM Control	
Right Front Wheel Speed (DVR)	0 RPM	
Left Rear Wheel Speed (DHL)	945 RPM	
Frequency Counter	4	
Original Odometer	47473	miles
DTC Extended Data Record Number 2	0	
Vehicle Speed	0	MPH
Battery Voltage	13.4	Volts
Static Engine Torque	15	Ft-Lbs
Engine RPM	680	rpm
Ambient Temperature	78.8	°F
T-Case Encoder Voltage	0.00	Volts
Most Recent Odometer	47483	miles
Operation Cycle Counter	10	

PTS | U0418-00 | STORED | IMPLAUSIBLE DATA RECEIVED FROM BRAKE SYSTEM CONTROL MODULE 1-

NAME	VALUE	UNITS
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Test Failed	False	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
DTC	C4 18 00	
Warning Indicator Requested	False	
Pending DTC	False	

Test Not Completed This Operation Cycle	False	
Test Failed This Operation Cycle	False	
Operation Cycle Counter	11	
Most Recent Odometer Value	47483	miles
Frequency Counter	3	
Original Odometer Value	47473	miles

BCM | B17FB-00 | STORED | AUTO HIGH BEAM CAMERA VIEW BLOCKED-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Occurrence flag	ERROR	
Ignition Cycle Counter	8	
Most Recent Odometer Value	47503	miles
Original Odometer Value	47433	miles
Frequency Counter	2	

SNAPSHOT DATA SUMMARY