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ECU DETAILS REPORT

Vehicle 2019 RAM 1500 PICKUP 5.7L V8 HEMI W/ BSG (eTorque)
VIN [REDACTED]

Odometer 42440.6 miles
Publication Date Dec 14, 2021, 8:13:30 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	PART #
TCM	Transmission Control Module	CAN-C	68360081AM	68360081AM
PCM	Powertrain Control Module	CAN-C	68378761AM	68378761AM
ICS	Integrated Center Stack	CAN-I	68340277AC	68340277AC
RFH	Radio Frequency Hub	CAN-C	68291647AJ	68291647AJ
ABS	Anti Lock Brakes	CAN-C	68432417AA	68432417AA
ESM	Electronic Shifter	CAN-C	68328324AD	68328324AD
DTCM	Drive Train Control Module	CAN-C	68277414AM	68277414AM
ORC	Occupant Restraint	CAN-C	68490898AA	68490898AA
EPS	Electric Power Steering	CAN-C	68273275AG	68273275AG
ANC	Active Noise Cancelation	CAN-I	68312240AH	68312240AH
HVAC	Heat, Ventilation and A/C	CAN-I	68277068AF	68277068AF
DDM	Driver Door Module	CAN-I	68424179AA	68424179AA
PDM	Passenger Door Module	CAN-I	68424178AA	68424178AA
CSWM	Comfort Seat Wheel Module	CAN-I	68290171AE	68290171AE
IPC	Instrument Panel Cluster	CAN-C	68294051AG	68294051AG
PTS	Parktronics	CAN-C	68271822AI	68271822AI
SCCM	Steering Column Control Module	CAN-C	68274115AF	68274115AF
BCM	Body Controller	CAN-C	68287183AG	68287182AG
RADIO	Radio	CAN-I	68307655AI	68307655AI
OCM	Occupant Classification	CAN-C	68268006AB	68268006AB
EDM	External Disc Module	CAN-I	68335565AB	68335565AB

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BPCM	Battery Pack Control Module	CAN-C		
HCP	Hybrid Control Processor	CAN-C	05185141AA	*****
DSM	Display Screen Module	CAN-I	68290307AA	68290307AA
SGW	Security Gateway Module	CAN-C	68402660AB	68402660AB
AVC	Active Vibration Cancellation	CAN-C	68290387AC	68290387AC

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
TCM	USA / USA	10 06 1E	13 0C 00	4501	84399DDF
PCM	USA	1B 47	29 03 01	440A	3702D0E5
ICS	USA	11 15 00	11 22 00	4902	
RFH	USA	11 22 06	12 0C 82	4500	
ABS	USA	11 04 47	12 0D 76	4500	
ESM	USA / USA	11 29 00	11 29 00	4420	
DTCM	USA	11 01 00	12 19 01	4520	
ORC	USA	04 01 00	01 01 21	4505	
EPS	USA	11 04 00	11 22 00	4505	
ANC	USA	0F 2E 00	13 0A 00	4301	
HVAC	USA	10 18 03	11 32 02	4502	
DDM	USA	11 07 01	12 05 00	4201	
PDM	USA	11 07 01	12 05 00	4201	
CSWM	USA	10 2B 00	11 25 05	4206	
IPC	USA	18 20 07	12 0B 00	4905	
PTS	USA	00 00 00	12 0A 01	4402	
SCCM	USA	10 30 00	11 33 00	4400	
BCM	USA	0D 11 00	12 15 40	4322	
RADIO	USA	15 0B 11	15 0B 11	8205	
OCM	USA	10 2B 01	10 32 02	4040	
EDM	USA	11 14 00	11 1D 00	4000	
BPCM					
HCP	—	11 2A 05	FF FF FF	41FF	
DSM	USA / USA	11 1A 00	11 26 00	4000	
SGW		5	520	4102	
AVC	USA	11 16 00	11 22 00	4003	

ECU DETAILS

TCM DETAILS

NAME	VALUE
ECU Part Number	68360081AM
Hardware Part Number	68269441AA
HW - Patch Level	1E

HW - Year	16
HW - Week	6
VIN Current	
VIN Original	
Active Diagnostic Version	01
Active Diagnostic Variant	45

PCM DETAILS

NAME	VALUE
ECU Part Number	68378761AM
Variant ID	44
Diagnostic Version	0A
Hardware Version (Major/Minor)	1B 47
Supplier ID	Motorola
Software Version (Major/Middle/Minor)	29 03 01
Odometer When Original VIN First Written	2668768948.7216
Serial Number	T00EP1748FWRNX
VIN Current	
VIN - Original	

ICS DETAILS

NAME	VALUE
Hardware Supplier Identification	TRW
Active Diagnostic Variant	49
Active Diagnostic Version	02
Software Supplier Identification	TRW
HW - Year	11
HW - Patch Level	00
HW - Week	21
ECU Part Number	68340277AC
VIN Original	
VIN Current	
ECU Serial Number	TDT1V160800430
Body Style	4- Door Pickup
Vehicle Line	DT
Model Year	2019
Country Code	USA
SW - year	17
SW - Patch Level	0
SW - week	34

RFH DETAILS

NAME	VALUE
IAC Data	—

Flash Part Number	68291647AJ
VIN Current	
VIN Original	
ECU Serial Number	T008G1728C0061
Model Year	2019
Country Code	USA
Vehicle Line	DT
Body Style	4-Door Pickup
Active Diagnostic Session	Extended
Active Diagnostic Version	00
ECU Software Mode	Running in Application
Active Diagnostic Variant	45
Hardware Supplier	Delphi
Hardware Part Number	28611254
Software Part Number	28640520
Hardware Version - Year	11
Hardware Version - Week	22
Hardware Version - Patch Level	06
Software Supplier	Delphi

ABS DETAILS

NAME	VALUE
ECU Part Number	68432417AA
VIN Current	
SW - week	13
SW - year	2018
SW - Patch Level	76
ECU Serial Number	TBS16885002B
Active Diagnostic Variant	45
Active Diagnostic Version	00
VIN Original	
Hardware Part Number	68432417AA
HW - Patch Level	47
HW - Week	4
HW - Year	2017
Software Part Number	68432417AA

ESM DETAILS

NAME	VALUE
ECU Part Number	68328324AD
Active Diagnostic Variant	44
Active Diagnostic Version	20

DTCM DETAILS

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NAME	VALUE
VIN Current	
Active Diagnostic Version	20
ECU Software Mode	Running in Application
Active Diagnostic Variant	45
ECU Part Number	68277414AM
VIN Original	

ORC DETAILS

NAME	VALUE
ECU Serial Number	
Active Diagnostic Version	05
Active Diagnostic Variant	45
Country Code	USA
Body Style	4- door pickup / BODY_4DP
Vehicle Line	DT
Model Year	2019

EPS DETAILS

NAME	VALUE
ECU Part Number	68273275AG
HW - Patch Level	00
HW - Week	4
HW - Year	2017
Body Style	4- door pickup / BODY_4DP
Vehicle Line	DT
Country Code	USA
Model Year	2019
SW - year	2017
SW - week	34
SW - Patch Level	00
VIN Current	
Active Diagnostic Version	05
Active Diagnostic Variant	45

ANC DETAILS

NAME	VALUE
Hardware Part Number	00000000AA
Active Diagnostic Variant	43
Active Diagnostic Version	01
Software Supplier Identification	Harman
CPD Software Version	030200
VIN Original	
HW - Year	0F

HW - Week	46
HW - Patch Level	00
Hardware Supplier Identification	Harman
VIN Current	
ECU Part Number	68312240AH
Body Style	4-Door Pickup
Country Code	USA
Model Year	2019
Vehicle Line	DT
SW - week	10
SW - year	19
SW - Patch Level	0
Software Part Number	68312240AH
ECU Serial Number	9950AE15284853
ECU Origin	DCX

HVAC DETAILS

NAME	VALUE
VIN Current	
Active Diagnostic Version	02
ECU Software Mode	Running in Application
Active Diagnostic Variant	45
ECU Part Number	68277068AF

DDM DETAILS

NAME	VALUE
VIN Original	
ECU Part Number	68424179AA
VIN Current	
Active Diagnostic Version	01
Active Diagnostic Variant	42

PDM DETAILS

NAME	VALUE
Serial Number	TDT2A1648005AA
VIN Current	
Model Year	2019
Vehicle Line	DT
Country Code	USA
Active Diagnostic Variant	42
Active Diagnostic Session	Default
Active Diagnostic Version	01
Gateway	False
VIN Original	

ECU Part Number

68424178AA

CSWM DETAILS

NAME	VALUE
ECU Part Number	68290171AE
VIN Current	
ECU Software Mode	Running in Application
Active Diagnostic Variant	42
Active Diagnostic Version	06
VIN Original	

IPC DETAILS

NAME	VALUE
Software Logical Block #0 Part Number	68294069AG
Software - Patch Level Block #1	00
Software - Year Block #1	2018
Software - Week Block #1	11
VIN Current	
Hardware - Patch Level	07
Hardware - Year	2024
Hardware - Week	32
Hardware Supplier Identification	Continental
VIN Original	
Hardware Part Number	68294051AG
Active Diagnostic Version	05
Active Diagnostic Variant	49
Software Supplier Identification	Continental
ECU Part Number	68294051AG
Model Year	2019
Vehicle Line	DT
Country Code	USA
Body Style	4- Door Pickup
ECU Serial Number	T8IQI139854095

PTS DETAILS

NAME	VALUE
VIN Current	1C6SRFFTXKN619091
Active Diagnostic Session	Default
Active Diagnostic Version	02
ECU Software Mode	Running in Application
Active Diagnostic Variant	44
VIN Original	

SCCM DETAILS

NAME	VALUE
Active Diagnostic Session	Default
Active Diagnostic Version	0
Active Diagnostic Variant	44
ECU Software Mode	Running in Application
Gateway	False
VIN Current	
ECU Part Number	68274115AF
VIN Original	

BCM DETAILS

NAME	VALUE
ECU Part Number	68287182AG
Vehicle Line	DT
Country Code	USA
Model Year	2019
Body Style	BODY_4DP
Hardware Part Number	68287182AF
Active Diagnostic Variant	43
Active Diagnostic Version	22
Hardware Supplier Identification	Continental
VIN Current	
Software Logical Block #0 Part Number	68287183AG
VIN Original	

RADIO DETAILS

NAME	VALUE
VIN Current	
Sales Code	V
Market Selection Configuration	02
HW - Patch Level	11
HW - Year	2021
HW - Week	11
Hardware Supplier Identification	Panasonic
VIN Original	
ECU Part Number	68307655AI
SW - year	2021
SW - Patch Level	11
SW - week	11
ECU Software Number	68307655AI
ECU Hardware Version Number	21
ECU Software Version Number	5387
Hardware Part Number	CNSC27N3GL
ECU Serial Number	T M9163801176

Active Diagnostic Variant	82
Active Diagnostic Version	05
Software Part Number	68307655AI
Software Supplier Identification	Panasonic
Body Style	4- Door Pickup
Vehicle Line	DT
Country Code	USA
Model Year	2019

OCM DETAILS

NAME	VALUE
Hardware Part Number	28536910
ECU Part Number	68268006AB
VIN Current	
VIN Original	
Active Diagnostic Version	40
Active Diagnostic Variant	40
Software Logical Block #0 Part Number	28541572
ECU Serial Number	TDTJY1448112EF
Model Year	2019
Body Style	4- door pickup / BODY_4DP
Vehicle Line	DT
Country Code	USA

EDM DETAILS

NAME	VALUE
Sales Code	CDM
SW - year	17
SW - Patch Level	0
SW - week	29
ECU Serial Number	T00AM1238T0661
Software Supplier Identification	Mitsubishi Electric
Hardware Supplier Identification	Mitsubishi Electric
VIN Original	
Body Style	4- Door Pickup
Vehicle Line	DT
Model Year	2019
Country Code	USA
HW - Patch Level	00
HW - Year	11
HW - Week	20
VIN Current	
ECU Part Number	68335565AB
Active Diagnostic Version	00

Active Diagnostic Variant

40

HCP DETAILS

NAME	VALUE
HCP SW Version	—
MCP SW Version	—
VIN Original	—
ECU Serial Number	—
Active Diagnostic Variant	41
Active Diagnostic Version	FF
VIN Current	—

DSM DETAILS

NAME	VALUE
VIN Original	██████████
Software Logical Block #0 Part Number	1709180011
Model Year	2019
Vehicle Line	DT
Body Style	4-Door Pickup
Country Code	USA / USA
ECU Serial Number	000000273790
VIN Current	██████████
ECU Part Number	68290307AA
Hardware Part Number	BHM9611010
Active Diagnostic Version	00
Active Diagnostic Session	Default
Active Diagnostic Variant	40
ECU Software Mode	Running in Application
Gateway	False

SGW DETAILS

NAME	VALUE
System Supplier ECU Hardware Number	6002JE1371
System Supplier ECU Software Number	V220
Diagnostic Variant ID	41
Supplier ID	Bosch
Diagnostic Version	02
ECU Part Number	68402660AB
System Supplier ECU Software Version Number	520
Active Diagnostic Session Data Identifier	Extended Diagnostic Session
System Supplier ECU Hardware Version Number	5
VIN Original	██████████
ECU Serial Number	54 46 31 31 36 31 36 31 38 4A 30 33 34 37 30

AVC DETAILS

NAME	VALUE
Body Style	4- door pickup / BODY_4DP
Country Code	USA
Vehicle Line	DT
Model Year	2019
VIN Original	
Hardware Part Number	ECU_EB_D5
ECU Serial Number	T00066800772
Software Supplier Identification	00EB
Software Part Number	ECU_SW_01
ECU Part Number	68290387AC
Software - Week	34
Software - Patch Level	00
Software - Year	2017
Active Diagnostic Version	03
Active Diagnostic Variant	40
VIN Current	
Hardware - Week	22
Hardware - Year	2017
Hardware - Patch Level	00
Hardware Supplier Identification	00EB



VEHICLE SCAN REPORT

Vehicle 2019 RAM 1500 PICKUP 5.7L V8 HEMI W/ BSG (eTorque)
VIN [REDACTED]

Odometer 42440.6 miles
Publication Date Dec 14, 2021, 8:12:58 AM

ECU SUMMARY INFO

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BCM	Body Controller	CAN-C	68287183AG	68287182AG
RADIO	Radio	CAN-I	68307655AI	68307655AI
OCM	Occupant Classification	CAN-C	68268006AB	68268006AB
EDM	External Disc Module	CAN-I	68335565AB	68335565AB

BPCM	Battery Pack Control Module	CAN-C		Pa	
HCP	Hybrid Control Processor	CAN-C	05185141AA		*****
DSM	Display Screen Module	CAN-I	68290307AA		68290307AA
SGW	Security Gateway Module	CAN-C	68402660AB		68402660AB
AVC	Active Vibration Cancellation	CAN-C	68290387AC		68290387AC

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RFH	USA	11 22 06	12 0C 82	4500	
ABS	USA	11 04 47	12 0D 76	4500	
ESM	USA / USA	11 29 00	11 29 00	4420	
DTCM	USA	11 01 00	12 19 01	4520	
ORC	USA	04 01 00	01 01 21	4505	
EPS	USA	11 04 00	11 22 00	4505	
ANC	USA	0F 2E 00	13 0A 00	4301	
HVAC	USA	10 18 03	11 32 02	4502	
DDM	USA	11 07 01	12 05 00	4201	
PDM	USA	11 07 01	12 05 00	4201	
CSWM	USA	10 2B 00	11 25 05	4206	
IPC	USA	18 20 07	12 0B 00	4905	
PTS	USA	00 00 00	12 0A 01	4402	
SCCM	USA	10 30 00	11 33 00	4400	
BCM	USA	0D 11 00	12 15 40	4322	
RADIO	USA	15 0B 11	15 0B 11	8205	
OCM	USA	10 2B 01	10 32 02	4040	
EDM	USA	11 14 00	11 1D 00	4000	
BPCM					
HCP	—	11 2A 05	FF FF FF	41FF	
DSM	USA / USA	11 1A 00	11 26 00	4000	
SGW		5	520	4102	
AVC	USA	11 16 00	11 22 00	4003	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
TCM	U0120-00	Lost Communication With Starter/Generator Control Module-	Active
PCM	U1817	Lost Communication With Hybrid Powertrain Control Module on D-PT	Stored
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Stored
PCM	U0432	Invalid Data Received From Multi-axis Acceleration Sensor Module "A"	Stored

ENVIRONMENTAL DATA SUMMARY

TCM | U0120-00 | Active | Lost Communication With Starter/Generator Control Module-

NAME	VALUE	UNITS
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PCM | U1817 | Stored | Lost Communication With Hybrid Powertrain Control Module on D-PT

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D8 17	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Odometer	42316.9	miles
Accumulation Timer	4	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | P0113 | Stored | Intake Air Temperature Sensor 1 Circuit High

NAME	VALUE	UNITS
Number of DTC	1	
DTC	01 13	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	On	
Odometer	42316.9	miles
Accumulation Timer	18	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U0432 | Stored | Invalid Data Received From Multi-axis Acceleration Sensor Module "A"

NAME	VALUE	UNITS
Number of DTC	1	
DTC	C4 32	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	

Odometer	42316.9	miles
Accumulation Timer	4	minutes
Ignition Key Cycles	2	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	3	
Warm Up Cycles	0	
Good Trip Counter	0	

EPS | U0293-00 | Active | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
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	
Original Odometer Value	42432	miles
Most Recent Odometer Value	42432	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Supplier Internal Fault Code	01 E0 01	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	22.85	Deg
EPS Steering Wheel Velocity	-0.04	deg/s
EPS System Current Draw	0	A
EPS Measured Module Voltage	12.50	V
EPS Steering Wheel Torque	0.1556	Ft-Lbs
EPS Measured Module Temperature	62.4	°F
CAN Battery Voltage	12.6	Volts

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U0120-00

No Snapshot Data available for U1817

No Snapshot Data available for P0113

No Snapshot Data available for U0432

No Snapshot Data available for U0293-00

HR

Ans

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Sample

Plot

