



Your Current Vehicle: 2010 Dodge Ram 1500

# SCAN TOOL DATA - TOTALLY INTEGRATED POWER MODULE (TIPM)

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The following chart lists data values taken from the Scan Tool Totally Integrated Power Module (TIPM) data list. The data is to be used for reference only.

The following data values were recorded under the following conditions unless otherwise specified:

- Key On, Engine Off
- No DTCs set
- Engine at operating temperature
- Vehicle in Park or Neutral
- Doors Closed
- Accessories Off
- Altitude at 297.2 meters (975 ft.) above sea level

Not all of the scan tool data is applicable and may vary as much as 20 percent due to the following:

- Vehicle age and wear

- Altitude
- Weather
- Engine, Transmission and other Vehicle Options
- Aftermarket Accessories

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
A/C Clutch Sense	Open	Open/Closed
AC Pressure Sense (5V) Source	5.06	Volts
AC Refrigerant Pressure	7.5 (108.8)	bar (psi)
AC Refrigerant Pressure Voltage	1	Volts
All Doors Lock	Off	On/Off
Ambient Temperature Degrees	25.5 (77.9)	°C (°F)
Ambient Temperature Voltage	2.47	Volts
ANL LFT Bit	Not Set	Not Set/Set

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
Auto Headlamp on Request	Yes	Yes/No
Battery Temperature Degrees	SNA / Not Programmed	°C (°F)
Battery Temperature Voltage	5	Volts
Battery Voltage	12.549	Volts
Brake Fluid Level	Normal	Normal/Low
Brake Switch Sense	Not Pressed	Not Pressed/Pressed
Charge Voltage Low	No	Yes/No
Charging System Failure	No	Yes/No
CHMSL	Off	On/Off
Clutch Interlock	Closed	Open/Closed
Coolant Temperature	37.2 (99)	°C (°F)
Cruise Engaged	No	Yes/No
DDM SPAD Request	No	Yes/No

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
Door Locks	Off	All Doors Locked/Driver Door Unlocked/Off/Passenger Door Unlocked
Electric Backlite/Heated Mirror Request	No	Yes/No
Engine RPM	0	rpm
ESP Flash Request	No	Yes/No
ESP Off Button Pressed	Not Pressed	Not Pressed/Pressed
ESP Wheel Speed Front Left	0	rpm
ESP Wheel Speed Front Right	0	rpm
ESP Wheel Speed Rear Left	0	rpm
ESP Wheel Speed Rear Right	0	rpm
Flipper Glass Release Motor	Off	On/Off
Front Blower Motor	On	On/Off

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
Front Wash Control	Off	On/Off
Front Washer Request	No	Yes/No
Front Wiper Mist Request	No	Yes/No
Front Wiper Motor High 5-pin	Off	On/Off
Front Wiper Motor Low 5-pin	Off	On/Off
Front Wiper Park Switch Sense	Parked	Not Parked/Parked
Front Wiper Switch	Off	Intermittent 1 - 6/Low Speed/Off/High Speed
Fuel Level Sense 1	1.9	Volts
Fuel Level Sense 2	5	Volts
Fuel Pump Motor/Diesel Lift Pump	On	On/Off
Fuel Type	Unleaded	Unleaded/Diesel/Flex Fuel

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
Hazard Switch	Not Pressed	Not Pressed/Pressed
Headlamp Switch	OFF Position	Off Position/Parklamp Position/Headlamp Position/Auto Position/Headlamp Default
Heated Mirrors	Off	On/Off
High Beam Duty Cycle	0.0	%
High Beam Steady Status Request	No	Yes/No
Horn 1 and 2	Off	On/Off
Horn Request	No	Yes/No
IGN RUN Relay	On	On/Off
IGN RUN/ACC Relay	On	On/Off
IGN RUN/START - ABS Module, ESP Module	On	On/Off
IGN RUN/START - NGC/GPEC	On	On/Off

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
IGN RUN/START - ORC/OCM	On	On/Off
IGN RUN/START Relay	On	On/Off
Ignition Run/Start Sense	On	On/Off
Ignition Switch Status	RUN Position	ACC Position/LOCK Position/OFF Position/OFF/ACC Position/RUN Position/START Position
IOD Sense	Closed	Closed/Ajar
Key in Ignition	Yes	Yes/No
Left Front Door Ajar Switch	Closed	Closed/Ajar
Left Front Fog Lamp	Off	On/Off
Left Front Signal Mirror Lamp Failure	No	Yes/No
Left Front Turn Lamp	0	%
Left High Beam Duty Cycle	0	%

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
Left Low Beam Duty Cycle	0	%
Left Rear Stop/Turn Signal	0	%
Left Side Door(s) Unlock	Off	On/Off
Left Signal Mirrors/Side Repeaters	Off	On/Off
Left Tail/Lic/Running Lamps	Off	On/Off
Left Trailer Tow Turn/Stop Signal	Off	On/Off
Left Turn Signal Request	No	Yes/No
Liftgate Release Motor	Off	On/Off
Low Coolant Level	Low	Low/High
MIL Lamp Request	Yes	Yes/No

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
Multifunction Turn/Hazard Switch State	Hazards On	Turn Hazard Off/Hazards On
Multifunction Turn/Hazard Switch Voltage	4.86	Volts
Odometer	407 (252.7)	km (miles)
Oil Indicator Request	Yes	Yes/No
Output Speed	0	KM/H (MPH)
Panic Mode Active	No	Yes/No
PDM SPAD Request	No	Yes/No
Power Windows (IGN RUN/ACC)	On	On/Off
PRND DISPLAY TYPE	"P"	"P"/"R"/"N"/"D"/"L"/"A"/"SIX"/"FIVE"/"FOUR"/"THREE"/"TWO"/"ONE"/"FAULT"/"DS"/"D2"/"D3"/"D4"/"D5"/"SNOW"/"Park Neutral switch not true"
PRND Status	Park	Drive/Neutral/Not Reverse/Park/Reverse
Radiator Fan	Off	On/Off

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
Rad Fan #1 Duty Cycle	0.0	%
Rad Fan #2 Duty Cycle	0.0	%
Radiator Fan 1	Off	On/Off
Radiator Fan 2	Off	On/Off
Rear Fog Lamps	Off	On/Off
Rear Front Fog Lamp	Off	On/Off
Rear Gear Switch	Open	Open/Closed
Reverse Lamps	Off	On/Off
Right Front Door Ajar Switch	Closed	Closed/Ajar
Right Front Fog Lamp	Off	On/Off
Right Front Signal Mirror Lamp Failure	No	Yes/No
Right Front Turn Lamp	0	%

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
Right High Beam Duty Cycle	0	%
Right Low Beam Duty Cycle	0	%
Right Rear Stop/Turn Signal	0	%
Right Side Door(s)/Gate Unlock	Off	On
Right Signal Mirrors/Side Repeaters	Off	On/Off
Right Tail/Running Lamps	Off	On/Off
Right Trailer Tow Turn/Stop Signal	Off	On/Off
Right Turn Signal Request	No	Yes/No

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
RKE Basic Function Request	No Basic REQUEST	Flipper Glass Release/LEFT SLIDING DOOR TOGGLE/No Basic REQUEST/REMOTE OFF/REMOTE ON/RIGHT SLIDING DOOR TOGGLE/RKE LOCK REQUEST/RKE RELOCK REQUEST/RKE UNLOCK ALL/RKE UNLOCK DRIVER/TRUNK/LIFTGATE TOGGLE/BASIC REQUEST SNA
RKE Complex Function Request	No Complex RKE	Global Window Close/Global Window Open/Horn Chirp Toggle/No Complex RKE/Optical Chirp Toggle/Sequential Unlock Toggle
Stop Lamp Suppression	No	Yes/No
Suppress Horn Request	No	Yes/No
Tailgate Ajar Switch	Not Ajar	Not Ajar/Ajar
T-Case Encoder 5V Source	5.08	Volts
TPM Horn Chirp Request	No	Yes/No
Trailer Park/Running Lamp	Off	On/Off
Transmission Type	Automatic	Automatic/Manual
Valid SKIM Key	Yes	Yes/No

<b>Scan Tool Data - TIPM</b>		
<b>Data Name</b>	<b>Value</b>	<b>Unit or State</b>
Vehicle Speed	0 (0.0)	KM/H (MPH)
Washer Fluid Level Voltage	0.16	Volts
Washer Fluid Levels	Normal	Normal/Open/Low
Washer Motor State	Off	Off/Front Wash/Rear Wash