

The following is an Xgauge list of data to enter for vehicle specific gauges.

More vehicles and modes are being added regularly.

Sometimes more than one list of data is given for the same gauge. If one doesn't work in your vehicle, try the other(s).

Not all gauges are supported by all cars. If you don't get a response and you are sure you entered the data correctly, your vehicle may not provide the data.

You can check your MODE by using MORE>MORE>MODE from the home screen.

HORSEPOWER

All Vehicles

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
HorsePower	00	400080000000	0000	000A00170000	HPR	Gasoline Gross/Brake
HorsePower	00	400080000000	0000	000A00240000	HPR	Diesel Gross/Brake

FUEL TRIM

Fuel Trim for all ISO and VPW

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Short Term Fuel Trim Bank 1	686AF10106	044105060000	2808	00C80100FF9C	SF1	+/- 0 to 99
Short Term Fuel Trim Bank 2	686AF10108	044105080000	2808	00C80100FF9C	SF2	+/- 0 to 99
Short Term Fuel Trim Bank 3	686AF10106	044105060000	3008	00C80100FF9C	SF3	+/- 0 to 99
Short Term Fuel Trim Bank 4	686AF10108	044105080000	3008	00C80100FF9C	SF4	+/- 0 to 99
Long Term Fuel Trim Bank 1	686AF10107	044105070000	2808	00C80100FF9C	LF1	+/- 0 to 99
Long Term Fuel Trim Bank 2	686AF10109	044105090000	2808	00C80100FF9C	LF2	+/- 0 to 99
Long Term Fuel Trim Bank 3	686AF10107	044105070000	3008	00C80100FF9C	LF3	+/- 0 to 99
Long Term Fuel Trim Bank 4	686AF10109	044105090000	3008	00C80100FF9C	LF4	+/- 0 to 99

Fuel Trim for all PWM vehicles

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Short Term Fuel Trim Bank 1	616AF10106	044105060000	2808	00C80100FF9C	SF1	+/- 0 to 99
Short Term Fuel Trim Bank 2	616AF10108	044105080000	2808	00C80100FF9C	SF2	+/- 0 to 99
Short Term Fuel Trim Bank 3	616AF10106	044105060000	3008	00C80100FF9C	SF3	+/- 0 to 99
Short Term Fuel Trim Bank 4	616AF10108	044105080000	3008	00C80100FF9C	SF4	+/- 0 to 99
Long Term Fuel Trim Bank 1	616AF10107	044105070000	2808	00C80100FF9C	LF1	+/- 0 to 99
Long Term Fuel Trim Bank 2	616AF10109	044105090000	2808	00C80100FF9C	LF2	+/- 0 to 99
Long Term Fuel Trim Bank 3	616AF10107	044105070000	3008	00C80100FF9C	LF3	+/- 0 to 99
Long Term Fuel Trim Bank 4	616AF10109	044105090000	3008	00C80100FF9C	LF4	+/- 0 to 99

Fuel Trim for all CANxx vehicles

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Short Term Fuel Trim Bank 1	07E00106	044105060000	2808	00C80100FF9C	SF1	+/- 0 to 99
Short Term Fuel Trim Bank 2	07E00108	044105080000	2808	00C80100FF9C	SF2	+/- 0 to 99
Short Term Fuel Trim Bank 3	07E00106	044105060000	3008	00C80100FF9C	SF3	+/- 0 to 99
Short Term Fuel Trim Bank 4	07E00108	044105080000	3008	00C80100FF9C	SF4	+/- 0 to 99
Long Term Fuel Trim Bank 1	07E00107	044105070000	2808	00C80100FF9C	LF1	+/- 0 to 99
Long Term Fuel Trim Bank 2	07E00109	044105090000	2808	00C80100FF9C	LF2	+/- 0 to 99
Long Term Fuel Trim Bank 3	07E00107	044105070000	3008	00C80100FF9C	LF3	+/- 0 to 99
Long Term Fuel Trim Bank 4	07E00109	044105090000	3008	00C80100FF9C	LF4	+/- 0 to 99

O2 SENSOR VALUES

O2 Sensor Data for All ISO and VPW vehicles

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Bank 1 - Sensor 1	686AF10114	044105140000	2808	000100020000	O11	0 to 99
Bank 1 - Sensor 2	686AF10115	044105150000	2808	000100020000	O12	0 to 99
Bank 1 - Sensor 3	686AF10116	044105160000	2808	000100020000	O13	0 to 99
Bank 1 - Sensor 4	686AF10117	044105170000	2808	000100020000	O14	0 to 99
Bank 2 - Sensor 1	686AF10118	044105180000	2808	000100020000	O21	0 to 99
Bank 2 - Sensor 2	686AF10119	044105190000	2808	000100020000	O22	0 to 99
Bank 2 - Sensor 3	686AF1011A	0441051A0000	2808	000100020000	O23	0 to 99
Bank 2 - Sensor 4	686AF1011B	0441051B0000	2808	000100020000	O24	0 to 99

O2 Sensor Data for All PWM vehicles

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Bank 1 - Sensor 1	616AF10114	044105140000	2808	000100020000	O11	0 to 99
Bank 1 - Sensor 2	616AF10115	044105150000	2808	000100020000	O12	0 to 99
Bank 1 - Sensor 3	616AF10116	044105160000	2808	000100020000	O13	0 to 99
Bank 1 - Sensor 4	616AF10117	044105170000	2808	000100020000	O14	0 to 99
Bank 2 - Sensor 1	616AF10118	044105180000	2808	000100020000	O21	0 to 99
Bank 2 - Sensor 2	616AF10119	044105190000	2808	000100020000	O22	0 to 99
Bank 2 - Sensor 3	616AF1011A	0441051A0000	2808	000100020000	O23	0 to 99
Bank 2 - Sensor 4	616AF1011B	0441051B0000	2808	000100020000	O24	0 to 99

O2 Sensor Data for All CANxx vehicles

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Bank 1 - Sensor 1	07E00114	044105140000	2808	000100020000	O11	0 to 99
Bank 1 - Sensor 2	07E00115	044105150000	2808	000100020000	O12	0 to 99
Bank 1 - Sensor 3	07E00116	044105160000	2808	000100020000	O13	0 to 99
Bank 1 - Sensor 4	07E00117	044105170000	2808	000100020000	O14	0 to 99
Bank 2 - Sensor 1	07E00118	044105180000	2808	000100020000	O21	0 to 99
Bank 2 - Sensor 2	07E00119	044105190000	2808	000100020000	O22	0 to 99
Bank 2 - Sensor 3	07E0011a	0441051A0000	2808	000100020000	O23	0 to 99
Bank 2 - Sensor 4	07E0011B	0441051B0000	2808	000100020000	O24	0 to 99

ENHANCED DATA

FORD PWM

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Torque into torque converter (ft lbs)	C410F122163A	04620516063A	3008	000200010000	CTQ	
Barometric Pressure (inches of Mercury)	C410F1221127	046285110627	3008	000A00080000	BAR	
Cylinder Head Temperature (deg F)	C410F1221624	046205160624	3010	000200010000	CHT	
Transmission Fluid Temperature (deg F)	C410F1221674	046205160674	3010	000100080000	TFT	
Converter Speed Ratio	C410F12211BA	0462451106BA	3010	000100A40000	SLP	Out to in ratio
Fuel Pump Pulse Width (Bank 1)	C410F1221141	046205110641	3010	000200010000	FP1	Counts
Fuel Pump Pulse Width (Bank 2)	C410F1221142	046205110642	3010	000200010000	FP2	Counts
EGR Duty Cycle	C410F122113C	04620511063C	3010	000100010000	EGR	
Fuel Pump Duty Cycle	C410F1221672	046205160672	3008	006400800000	FP	
Fuel Level	C410F12216C1	0462451606C1	3010	006401480000	FL	%
Torque Converter Line Pressure	C410F12211C0	0462851106C0	3008	000500010000	LPC	PSI
Transmission Output Shaft Speed	C410F12211B5	0462051106B5	3010	000100040000	OSS	RPM
Transmission Gear ratio	C410F122163B	04624516063B	3008	00C8007F0000	GR	Ratio of RPM in to out
Fuel Pressure (if no FPR)	616AF10123	044105220000	2810	000100570000	FP	PSI

FORD CAN

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Torque into torque coverter	07E022163A	04620516063A	3008	000200010000	CTQ	ft-lbs
Alt Torque into torque converter	07E122163A	04620516063A	3008	000200010000	CTQ	ft-lbs
Barometric Pressure	07E7221127	046285110627	3008	000A00080000	BAR	Inches of Mercury
Cylinder Head Temperature	07E0221624	046205160624	3010	000200010000	CHT	Degrees F
Transmission Fluid Temperature	07E0221674	046205160674	3010	000100080000	TFT	Degrees F
Alt Transmission Fluid Temperature	07E1221674	046205160674	3010	000100080000	TFT	Degrees F
Converter Speed Ratio	07E02211BA	0462451106BA	3010	000100A40000	SLP	Out to in ratio
Fuel Pump Pulse Width (Bank 1)	07E0221141	046205110641	3010	000200010000	FP1	Counts
Fuel Pump Pulse Width (Bank 2)	07E0221142	046205110642	3010	000200010000	FP2	Counts
EGR Duty Cycle	07E022113C	04620511063C	3010	000100010000	EGR	
Fuel Pump Duty Cycle	07E0221672	046205160672	3008	006400800000	FP	
Fuel Level	07E02216C1	0462451606C1	3010	006401480000	FL	%
Torque Converter Line Pressure	07E02211C0	0462851106C0	3008	000500010000	LPC	PSI
Transmission Output Shaft Speed	07E02211B5	0462051106B5	3010	000100040000	OSS	RPM
Transmission Gear ratio	07E022163B	04624516063B	3008	00C8007F0000	GR	Ratio of RPM in to out
6.0L Diesel Transmission Temperature	07E1221674	046205160674	3010	000100080000	TFT	Degrees F

GM VPW Note: Values in parenthesis are optional. Some vehicles require these numbers, others don't

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Elapsed Time Since Engine Start	6C10F12211A1(01)	0462051106A1	3010	000100010000	ET	Seconds
Knock Retard	6C10F12211A6(01)	0462051106A6	3008	000100010000	KR	Degrees
Barometer V6	6C10F1221251(01)	046285120651	3008	000300010000	BAR	Inches of Mercury
Barometer V8	6C10F122119D(01)	04628511069D	3008	000300010000	BAR	Inches of Mercury
A/F Ratio	6C10F122119E(01)	04628511069E	3008	000100010000	AFR	Ratio
Remaining Oil Life	6C10F122119F(01)	04628511069F	3008	00C800330000	OLF	%
Engine Torque	6C10F12219DE(01)	0462851906DE	3010	000A00020000	TRQ	Ft-Lbs
Trans Fluid Temperature (Exc Allison)	6C10F1221940(01)	046205190640	3008	00090005FFD8	TFT	Degrees F
Allison Trans Fluid Temperature	6C18F1221940(01)	046205190640	3008	00090005FFD8	TFT	Degrees F

GM CANSF Note: Values in parenthesis are optional. Some vehicles require these numbers, others don't

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Elapsed Time Since Engine Start	07E02211A1(01)	0462051106A1	3010	000100010000	ET	Seconds
Knock Retard	07E02211A6(01)	0462051106A6	3008	000100010000	KR	Degrees
Barometer V6	07E0221251(01)	046285120651	3008	000300010000	BAR	Inches of Mercury
Barometer V8	07E022119D(01)	04628511069D	3008	000300010000	BAR	Inches of Mercury
A/F Ratio	07E022119E(01)	04628511069E	3008	000100010000	AFR	Ratio
Remaining Oil Life	07E022119F(01)	04628511069F	3008	00C800330000	OLF	%
Engine Torque	07E02219DE(01)	0462851906DE	3010	000A00020000	TRQ	Ft-Lbs
Transmission Fluid Temperature (ex Allison)	07E0221940(01)	046205190640	3008	00090005FFD8	TFT	Degrees F
Allison Transmission Fluid Temperature	07E0221940(01)	000462051906	3008	00090005FFD8	TFT	Degrees F
Fuel Level	07E022002F(01)	04620500062F	3008	006400FF0000	LVL	% (experimental)
Engine Oil Pressure	07E0221470(01)	046205140670	3008	002400190000	EOP	PSI (experimental)
Engine Oil Temperature	07E0221154(01)	046205110654	3008	00090005FFD8	OIL	Degrees F (experimental)
Ambient Air Temperature	07E0220046(01)	046205000646	3008	00090005FFD8	AIR	Degrees F (experimental)

VW ISO

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Transmission Temperature	686AF10105	031A04410505	2808	00090005FFD8	TFT	F
Coolant Temperature	686AF10105	031004410505	2808	00090005FFD8	WTR	F

Toyota Prius CAN

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
State of Charge	07E321CE	056186CE0000	3008	000A00020000	SOC	%
Battery Voltage	0033	0100023B0000	2010	000100010000	BTV	HV Battery Volts
Battery Current	07E321CE	056586CE0000	3810	0001000AF333	BTA	HV Battery Amps

Note: Prius Battery Current and State of Charge cannot be displayed at the same time.

Escape Hybrid

GAUGE	TXD	RXF	RXD	MTH	NAM	Notes
Traction Battery State-of-Charge	0745224923	046285490623	3010	007D20000000	SOC	%
Traction Battery Voltage	074522490B	04620549060B	3010	007D40000000	TBV	Volts
Traction Battery Voltage (alt)	07E122490B	04620549060B	3010	007D10000000	TBV	Volts
Traction Battery Temp	074522A914	046285A90614	3008	00120001FE70	BTM	Degrees F
Traction Motor Speed	07E122496A	04620549066A	3010	000100010000	TrR	RPM
Generator Motor Speed	07E1224973	046205490673	3010	000100010000	GnR	RPM
Motor Electronics Coolant Temp	07E1224983	046285490683	3008	00120001FE70	MeC	Degrees F
eCVT Temp	07E1221674	046285160674	3010	000A00080000	TxT	Degrees F
Cylinder Head Temp	07E0221624	046285160624	3010	000200010000	CHT	Degrees F
Long Term Fuel Trim	07E0220007	046285000607	3008	007D0010FC18	LFT	%
Catalyst Temp	07E022003C	04620500063C	3010	00090032FFD8	CAT	Degrees F
Charge Limit	074522A912	046285A90612	3008	000500010000	MxC	Amps
Discharge Limit	074522A90F	046285A9060F	3008	000500010000	MxD	Amps
Fuel Rail Temperature	07E022168E	04620516068E	3008	000200010000	FRT	Degrees F
Module Delta Voltage	074522A911	046245A90611	3008	017700400000	MDV	Volts
Max Battery Module Temp	0745224911	046285490611	3008	00120001FE70	Tmx	Degrees F
Min Battery Module Temp	0745224911	046285490611	3808	00120001FE70	Tmn	Degrees F
Avg Batter Module Temp	0745224911	046285490611	4808	00120001FE70	Tav	Degrees F
Max Battery Module Temp Change	0745224911	046285490611	4008	00120001FE70	Txc	Degrees F
A/C Clutch Commanded On	07E0221101	046225110601	3701	000100010000	AC	On/Off
Fuel Rail Pressure	07E022168C	04628516068C	3010	000A00800000	FRP	PSI
Motor Coil Temp	07E1224970	046285490670	3010	001200010140	Mco	Degrees F
Generator Coil Temp	07E1224972	046285490672	3010	001200010140	Gco	Degrees F
4 Wheel Drive Engaged	07E022A211	046225A20611	3401	000100010000	4WD	On/Off
Barometric Pressure	07E0221127	046285110627	3008	000500040000	"HG	Inches of Mercury