

Parameters

Parameter	Value	Units	Minimum	Maximum	E
CPC2					
PGR001 Communication					
Engine CAN One Wire Capability	Enable One...				(
Engine CAN Limp Home Mode	limp home sp...				(
TSC1 Source Address SAE J1939	231		0	255	(
CC1 Source Address SAE J1939	23		0	255	(
CC2 Source Address SAE J1939	33		0	255	(
CC3 Source Address SAE J1939	49		0	255	(
EBC1 Source Address SAE J1939	33		0	255	(
Transmit EBC1 for AGS2	no EBC1, sta...				(
Oil Pressure On ECAN is Absolute	disabled				(
CM1 Fan Source Addr1 SAE J1939	25		0	255	(
CM1 DPF Source Addr SAE J1939	49		0	255	(
CM1 Fan Source Addr2 SAE J1939	49		0	255	(
PGR002 Vehicle Parameters I					
Transmission Type	Manual, witho...				(
Drive Off Function	drive off functi...				(
PGR003 Common Limiters					
Min Engine Speed	592	rpm	0	4000	(
Max Engine Speed	3000	rpm	0	4000	(
Max Road Speed	94.4	mph	6.2	94.4	(
Max Engine Torque	3687.8	ft-lb	0.0	3687.8	(
Eng Speed Limit While Veh Stop	3000	rpm	0	4000	(
Single Step Adjusted Idle Spd	16	rpm	0	100	(
Ramp Rate Adjusted Idle Spd	100.0	(1/min)/s	0.0	8191.9	(
Max Adjusted Idle Speed	850	rpm	0	4000	(
Max Road Speed for Idle Adjust	6.2	mph	0.0	29.8	(
Trans Torque Limit Enable	disabled				(
Adjusted Idle Configuration	disabled				(
Minimum TSC1 Under Speed	550	rpm	0	4000	(
TSC1 Under Speed Enable	enable				(
PGR005 Limiters LIM0 and LIM1					
Limiter0 Min Eng Speed Enabled	500	rpm	0	4000	(
Limiter0 Max Eng Speed Enabled	4000	rpm	0	4000	(
Limiter0 Max Road Spd Enabled	94.4	mph	0.0	94.4	(
Limiter0 Max Eng Trq Enabled	3687.8	ft-lb	0.0	3687.8	(
Limiter1 Min Eng Speed Enabled	500	rpm	0	4000	(
Limiter1 Max Eng Speed Enabled	4000	rpm	0	4000	(
Limiter1 Max Road Spd Enabled	94.4	mph	0.0	94.4	(
Limiter1 Max Eng Trq Enabled	3687.8	ft-lb	0.0	3687.8	(
Limiter0 Max Vehicle Accel	10.000	m/ss	-15.625	15.625	(
Limiter1 Max Vehicle Accel	10.000		-15.625	15.625	(
Limiter0 Max Trq Curve Select	PLD torque cu...				(
PGR006 Limiters AC and LIM2					
Mode of AC Status Input	AC active open				(
Fast Idle Spd Air Cond Input	600	rpm	500	3000	(
PGR007 PTO Control on PTO and CC pin					

Parameters (continued)

Parameter	Value	Units	Minimum	Maximum	E
Config PTO Speed Control	disabled				(
Max PTO Spd Resume Accel Sw	3000	rpm	500	3000	(
Min PTO Spd Set Coast Sw	500	rpm	500	3000	(
PTO Throttle Override Enable	Enable engine...				(
Throttle Override Max Eng Spd	3000	rpm	0	3000	(
PTO Dropout Serv Brk Prk Brk	No PTO drop...				(
PTO Dropout on Clutch Enabled	No PTO drop...				(
Max Road Speed in PTO Mode	6.2	mph	0.0	79.5	(
Set Coast Switch PTO Set Speed	500	rpm	0	3000	(
Set Coast Max PTO Torque	3687.8	ft-lb	0.0	3687.8	(
Resume Accel Sw PTO Set Spd	500	rpm	0	3000	(
Resume Accel Max PTO Torque	3687.8	ft-lb	0.0	3687.8	(
PTO Ramp Rate	200	(1/min)/s	25	2500	(
No of Speeds via Remote PTO	1		1	3	(
Spd 1 via Remote PTO	950	rpm	500	3000	(
Spd 1 Max Eng Trq Remote PTO	3687.8	ft-lb	0.0	3687.8	(
Spd 2 via Remote PTO	1250	rpm	500	3000	(
Spd 2 Max Eng Trq Remote PTO	3687.8	ft-lb	0.0	3687.8	(
Spd 3 via Remote PTO	1850	rpm	500	3000	(
Spd 3 Max Eng Trq Remote PTO	3687.8	ft-lb	0.0	3687.8	(
Remote PTO Spd Selection Mode	1 pulsed input...				(
PGR008 Vehicle Speed Sensor					
Vehicle Speed Sensor	magnetic pick...				(
Axle Ratio	5.290		1.000	20.000	(
Number of Output Shaft Teeth	16		0	250	(
Tire Revs per Unit Distance	502	1/mile	257	2573	(
Top Gear Ratio	1.000		0.099	2.549	(
Second Highest Gear Ratio	2.550		0.000	5.750	(
Gear Ratio Tolerance	2		0	60	(
Two Spd Axle Second Axle Ratio	5.290		1.000	20.000	(
Anti Tamper	disabled				(
PGR009 Analog Outputs					
4 12 PWM Output Selection	disabled				(
3 05 AO Selection	disabled				(
3 06 AO Selection	disabled				(
PGR010 Engine Brake					
Min Eng Spd for Engine Brakes	1100	rpm	0	4000	(
Service Brk Enable Eng Brakes	disable				(
Min Road Spd Eng Brk Operation	0.0	mph	0.0	124.3	(
Road Spd Limit Max Stage Num	high				(
Engine Brake Configuration	no engine bra...				(
Stage 1 Mask Engine Brake	decompressio...				(
Stage 1 Factor Engine Brake	100.0	%	0.0	100.0	(
Stage 2 Mask Engine Brake	decompressio...				(
Stage 2 Factor Engine Brake	100.0	%	0.0	100.0	(
Stage 3 Mask Engine Brake	decompressio...				(
Stage 3 Factor Engine Brake	100.0	%	0.0	100.0	(

Parameters (continued)

Parameter	Value	Units	Minimum	Maximum	E
Trans Mask Engine Brake	decompressio...				(
Trans Factor Engine Brake	100.0	%	0.0	100.0	(
Cruise Control Enable Eng Brk	enable autom...				(
J1939 Engine Retarder Config	not configured				(
J1939 Steps Engine Brake	not configured				(
Eng Brk Stage 1 Off Delay Time	240	ms	0	1280000	(
Eng Brk Stage 2 Off Delay Time	240	ms	0	1280000	(
Eng Brk Stage 3 Off Delay Time	240	ms	0	1280000	(
Stage 1 Eng Brk Off Delta Spd	100	rpm	0	8000	(
Stage 2 Eng Brk Off Delta Spd	100	rpm	0	8000	(
Stage 3 Eng Brk Off Delta Spd	50	rpm	0	8000	(
Adaptive Cruise Eng Brake Mask	decompressio...				(
Eng Brk Adaptive Cruise Factor	100.0	%	0.0	100.0	(
Low Eng Brk Max Cruise RSL Spd	3.2	mph	0.0	29.8	(
Med Eng Brk Max Cruise RSL Spd	4.5	mph	0.0	29.8	(
Hi Eng Brk Max Cruise RSL Spd	6.2	mph	0.0	29.8	(
Low Eng Brk Min Cruise RSL Spd	1.2	mph	0.0	29.8	(
Med Eng Brk Min Cruise RSL Spd	3.2	mph	0.0	29.8	(
Hi Eng Brk Min Cruise RSL Spd	3.7	mph	0.0	29.8	(
Cruise RSL Eng Brk Mode Select	vehicle oversp...				(
PGR012 Optimized Idle					
Optimized Idle Enable	disabled				(
OI Target Engine RPM ae 0	1000	rpm	800	1100	(
OI Target Engine RPM ae 1	1000	rpm	800	1100	(
OI Target Engine RPM ae 2	1000	rpm	800	1100	(
OI Target Engine RPM ae 3	1000	rpm	800	1100	(
OI Target Engine RPM ae 4	1000	rpm	800	1100	(
OI Upper Limit Continuous Run	90	°F	-40	212	(
OI Thermostat Max Time	0	s	0	459000	(
OI Extended Mode Disable	enable				(
OI Alternate Battery Run Time	0	s	0	30600	(
OI Continuous Batt Time Enable	disabled				(
OI Variable Volt Thresh Enable	disabled				(
OI Lower Limit Continuous Run	25	°F	-40	212	(
PGR013 Inputs					
Service Brake Switch Config	hardwired				(
Trans Neutral Input Config	hardwired				(
Park Brake Switch Config	hardwired				(
CC ON OFF Switch Config	hardwired				(
CC Set Cst Res Accel Sw Config	hardwired				(
CC Pause Switch Config	disabled				(
2nd Axle Speed Switch Config	hardwired				(
Clutch Switch Config	no clutch swit...				(
Engine Brake Switch Config	hardwired				(
3 18 DI Selection	disable				(
1 01 DI Selection	disable				(
1 02 DI Selection	enable park br...				(

Parameters (continued)

Parameter	Value	Units	Minimum	Maximum	E
4 18 DI Selection	disable				(
4 13 DI Selection	disable				(
1 10 DI Selection	disable				(
3 01 AI Selection	no sensor				(
4 17 DI Selection	DPF regenera...				(
Cab PTO Switch Config	hardwired				(
4 08 DI Selection	clutch switch				(
1 15 DI Selection	Shutdown ove...				(
2 08 DI Selection	Remote-Throt...				(
PGR015 Cruise Control					
Min Cruise Set Speed	19.9	mph	9.9	94.4	(
Max Cruise Set Speed	94.4	mph	29.8	94.4	(
Increment Cruise Set Speed	1.0	mph	0.0	6.2	(
Decrement Cruise Set Speed	1.0	mph	0.0	6.2	(
Enable Cruise Auto Resume	disable				(
Cruise Power	high power on...				(
PGR017 Idle and PTO Shutdown					
Enable Idle Shutdown	disable				(
Idle Shutdown Time	60	s	1	5000	(
Enable PTO Shutdown	disable				(
PTO Shutdown Time	60	s	1	5000	(
Max Engine Load PTO Shutdown	73.8	ft-lb	0.0	3687.8	(
Min Coolant Temp	50	°F	-40	392	(
Enable Idle PTO Shtdn Override	enabled, allo...				(
Lo Amb Air Override Temp	25	°F	-40	167	(
Hi Amb Air Override Temp	90	°F	-40	167	(
Idle Shutdown Auto Override	no automatic...				(
PGR018 Engine Protection Shutdown					
Coolant Temp Eng Protect Shtdn	engine shutdo...				(
Cool Level Eng Protect Shtdn	engine shutdo...				(
Oil Press Eng Protect Shtdn	engine shutdo...				(
Oil Level Eng Protect Shtdn	engine shutdo...				(
Type #1 Eng Shtdn Enable	engine shutdo...				(
Type #2 Eng Shtdn Enable	engine shutdo...				(
PGR019 Automatic Fan Activation					
Eng Brake Enable Auto Fan	disable				(
Air Condition Enable Auto Fan	enable				(
PTO Enable Auto Fan Activation	disable				(
Hold Time Fan	10.00	s	0.00	600.00	(
Ramp Fan	25.0	%/s	1.0	100.0	(
Trans Retarder Fan Percent	0.0	%	0.0	100.0	(
AC Fan Vehicle Speed Enable	disable				(
AC Fan Vehicle Speed Thresh	19.9	mph	0.0	155.3	(
J1939 Fan Request Enable	disable				(
Fan Vehicle Speed Threshold	0.0	mph	0.0	155.3	(
Fan Vehicle Speed Enable	disable				(
Fan AC Hold Time	180.00	s	0.00	600.00	(

Parameters (continued)

Parameter	Value	Units	Minimum	Maximum	E
PGR020 Remote Accelerator Pedal					
Remote Accelerator Enable	disable				(
PGR022 Limiter Governor					
0 Speed Gov TSC1 Condition	S60				(
1 Speed Gov TSC1 Condition	S60				(
2 Speed Gov TSC1 Condition	S60				(
3 Speed Gov TSC1 Condition	S60				(
PGR023 Limiters II					
Torque Factor Gear Dwn Protect	1.000		0.000	1.000	(
Gear Ratio Gear Down Protect	0.010		0.000	2.000	(
Torque Factor High Gear Power	1.000		0.000	1.000	(
Gear Ratio for High Gear Power	0.020		0.000	2.000	(
AL Ramp up Rate	140.0	(1/min)/s	0.0	8191.8	(
AL Min Engine Torque	100.0	%	0.0	100.0	(
PasSmart Enable	disabled				(
Fuel Economy Incentive Enable	disabled				(
PS Pass Speed Increment	0.0	mph	0.0	155.3	(
PS Pass Speed Duration	0	min	0	255	(
PS Pass Speed Interval	8	h	1	24	(
FEI Max Vehicle Speed Reward	0.0	mph	0.0	12.4	(
FEI Minimum Fuel Economy	7.0	mpg	4.0	20.0	(
FEI Conversion Factor	2.0	mph/mpg	0.0	20.0	(
FEI Use Trip Mileage	based on filter...				(
AL Conditions	AL permanent...				(
Progressive Shift Enable	disabled				(
PS Low Gear 2 RPM Limit	1600	rpm	0	4000	(
PS Low Gear 1 Max RPM Limit	1800	rpm	0	4000	(
PS Low Gear 1 Max Vehicle Spd	11.9	mph	0.0	155.3	(
PS Low Gear 2 Max RPM Limit	1800	rpm	0	4000	(
PS Low Gear 2 Max Vehicle Spd	27.1	mph	0.0	155.3	(
PS High Gear RPM Limit	1650	rpm	0	4000	(
PS High Gear On Vehicle Spd	50.0	mph	0.0	155.3	(
PS Low Gear 1 RPM Limit	1400	rpm	0	4000	(
Enable Noise Control	DDEC style				(
Noise Min Engine Speed	1100.0	rpm	0.0	4000.0	(
Noise Max Engine Speed	1450	rpm	0	4000	(
PGR027 Fleet Management					
FM Alert Update Enable	enable				(
FM Daily Usage Enable	enable				(
Fleet Management Enable	enable				(
FM Incident Update Enable	enable				(
FM Monthly Trip Enable	enable				(
FM Serv Interval Update Enable	enable				(
FM Fuel Density	0.835	kg/l	0.000	65.535	(
PGR031 Vehicle Parameters III					
Ambient Air Temp Sensor Enable	not available				(
MID for Ambient Air Temp	0		0	255	(

Parameters (continued)

Parameter	Value	Units	Minimum	Maximum	E
PGR032 Coolant Level Sensor					
Cool Level Sensor Input Enable	single level pr...				(
PGR035 Digital Outputs					
4 09 DO Fault Detection	disabled				(
1 05 DO Fault Detection	disabled				(
4 06 DO Fault Detection	disabled				(
3 12 DO Fault Detection	disabled				(
3 10 DO Fault Detection	disabled				(
4 07 DO Fault Detection	disabled				(
4 10 DO Fault Detection	disabled				(
3 08 DO Fault Detection	disabled				(
3 07 DO Fault Detection	disabled				(
3 17 DO Fault Detection	disabled				(
3 09 DO Fault Detection	disabled				(
3 10 DO Selection	disabled				(
3 12 DO Selection	disabled				(
4 06 DO Selection	grid heater la...				(
3 07 DO Selection	disabled				(
3 08 DO Selection	disabled				(
4 10 DO Selection	disabled				(
3 09 DO Selection	disabled				(
4 07 DO Selection	High Exhaust...				(
4 09 DO Selection	disabled				(
3 17 DO Selection	disabled				(
PGR037 Fault Management					
Fault Code Flashing Enable	enabled				(
J1587 Page2 SID Convert Enable	disabled				(
Engine HourSync Fault Enable	enabled				(
PGR039 Vehicle Mass					
Wheel Number	8		4	48	(
Maximum Vehicle Mass	110231	pound	0	1444798	(
Minimum Vehicle Mass	5512	pound	0	1444798	(
PGR042 Top2					
Top2 Cruise Control Sw Enable	disable				(
PGR043 Acc					
Adaptive Cruise Control Enable	disable				(
PGR046 Diesel Particulate Filter					
DPF J1939 Regen Sw Enable	not active				(
DPF J1939 Inhibit Sw Enable	not active				(
DPF Lamp Config	hardwired				(
Hi Exhaust Temp Lamp Config	hardwired				(
DPF Stationary Regen Only	enabled				(