

CPC2**PGR001 Communication**

Engine CAN One Wire Capability	Enable One Wire Mode
Engine CAN Limp Home Mode	limp home speed

PGR002 Vehicle Parameters I

Transmission Type	Allison, Eaton Ultrashift ASW: MCM start
Drive Off Function	drive off function

PGR003 Common Limiters

Min Engine Speed	700 rpm
Max Engine Speed	3000 rpm
Max Road Speed	76.06 mph
Max Engine Torque	3687.81 ft-lb
Eng Speed Limit While Veh Stop	3000 rpm
Single Step Adjusted Idle Spd	16 rpm
Ramp Rate Adjusted Idle Spd	100.0 (1/min)/s
Max Adjusted Idle Speed	500 rpm
Max Road Speed for Idle Adjust	6.21 mph
Adjusted Idle Configuration	disabled
Minimum TSC1 Under Speed	550 rpm
TSC1 Under Speed Enable	enable

PGR005 Limiters LIM0 and LIM1

Limiter0 Min Eng Speed Enabled	500 rpm
Limiter0 Max Eng Speed Enabled	4000 rpm
Limiter0 Max Road Spd Enabled	94.45 mph
Limiter0 Max Eng Trq Enabled	3687.81 ft-lb
Limiter1 Min Eng Speed Enabled	500 rpm
Limiter1 Max Eng Speed Enabled	4000 rpm
Limiter1 Max Road Spd Enabled	94.45 mph
Limiter1 Max Eng Trq Enabled	3687.81 ft-lb
Limiter0 Max Vehicle Accel	10.000 m/ss
Limiter1 Max Vehicle Accel	10.000
Limiter0 Max Trq Curve Select	Engine Controller max. Torque Curve

PGR006 Limiters AC and LIM2

Mode of AC Status Input	disabled
Fast Idle Spd Air Cond Input	500 rpm

PGR007 PTO Control on PTO and CC pin

Config PTO Speed Control	Cab/Remote PTO enabled
Max PTO Spd Resume Accel Sw	1000 rpm
Min PTO Spd Set Coast Sw	600 rpm
PTO Throttle Override Enable	Enable engine speed in PTO mode to be increased with throttle input
Throttle Override Max Eng Spd	1400 rpm
PTO Dropout Serv Brk Prk Brk	Drop out on Service Brake activation

PTO Dropout on Clutch Enabled	No PTO drop out with clutch pedal
Max Road Speed in PTO Mode	6.21 mph
Set Coast Switch PTO Set Speed	1000 rpm
Set Coast Max PTO Torque	599.64 ft-lb
Resume Accel Sw PTO Set Spd	950 rpm
Resume Accel Max PTO Torque	599.64 ft-lb
PTO Ramp Rate	200 (1/min)/s
No of Speeds via Remote PTO	1
Spd 1 via Remote PTO	950 rpm
Spd 1 Max Eng Trq Remote PTO	3687.81 ft-lb
Spd 2 via Remote PTO	1250 rpm
Spd 2 Max Eng Trq Remote PTO	3687.81 ft-lb
Spd 3 via Remote PTO	1850 rpm
Spd 3 Max Eng Trq Remote PTO	3687.81 ft-lb

PGR008 Vehicle Speed Sensor

Vehicle Speed Sensor	J1939 ETC1
Axle Ratio	5.220
Number of Output Shaft Teeth	16
Tire Revs per Unit Distance	538 1/mile
Top Gear Ratio	0.650
Second Highest Gear Ratio	0.750
Two Spd Axle Second Axle Ratio	5.290
Anti Tamper	disabled
vss driving diagnostic limit	99.92 mph
vss absolute diagnostic limit	99.92 mph

PGR010 Engine Brake

Service Brk Enable Eng Brakes	disable
Min Road Spd Eng Brk Operation	0.00 mph
Cruise Control Enable Eng Brk	disable
Low Eng Brk Max Cruise RSL Spd	2.98 mph
Med Eng Brk Max Cruise RSL Spd	4.97 mph
Hi Eng Brk Max Cruise RSL Spd	6.96 mph
Low Eng Brk Min Cruise RSL Spd	0.00 mph
Med Eng Brk Min Cruise RSL Spd	2.98 mph
Hi Eng Brk Min Cruise RSL Spd	4.97 mph
Cruise RSL Eng Brk Mode Select	vehicle overspeed based

PGR012 Optimized Idle

Optimized Idle Enable	disabled
OI Target Engine RPM ae 0	1000 rpm
OI Target Engine RPM ae 1	1000 rpm
OI Target Engine RPM ae 2	1000 rpm
OI Target Engine RPM ae 3	1000 rpm
OI Target Engine RPM ae 4	1000 rpm
OI Upper Limit Continuous Run	90 °F
OI Thermostat Max Time	0 s
OI Extended Mode Disable	enable

OI Alternate Battery Run Time	0 s
OI Continuous Batt Time Enable	disabled
OI Variable Volt Thresh Enable	disabled
OI Lower Limit Continuous Run	25 °F

PGR013 Inputs

Service Brake Switch Config	hardwired
Trans Neutral Input Config	info from J1939 (muxed)
Park Brake Switch Config	hardwired
CC ON OFF Switch Config	hardwired
CC Set Cst Res Accel Sw Config	hardwired
CC Pause Switch Config	hardwired
2nd Axle Speed Switch Config	hardwired
Clutch Switch Config	no clutch switch
Engine Brake Switch Config	not available
1 01 DI Selection	disable
1 02 DI Selection	enable park brake interlock
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 regeneration switch
Cab PTO Switch Config	hardwired
4 08 DI Selection	clutch switch
2 08 DI Selection	disable
2 09 DI Sw Config	disable

PGR015 Cruise Control

Min Cruise Set Speed	30.07 mph
Max Cruise Set Speed	76.06 mph
Increment Cruise Set Speed	0.99 mph
Decrement Cruise Set Speed	0.99 mph
Enable Cruise Auto Resume	disable
Cruise Power	high power only

PGR017 Idle and PTO Shutdown

Enable Idle Shutdown	disable
Idle Shutdown Time	300 s
Enable PTO Shutdown	disable
PTO Shutdown Time	300 s
Max Engine Load PTO Shutdown	73.76 ft-lb
Min Coolant Temp	50 °F
Enable Idle PTO Shtdn Override	vehicle speed, throttle pedal
Lo Amb Air Override Temp	25 °F
Hi Amb Air Override Temp	90 °F
Idle Shutdown Auto Override	no automatic override performed

PGR018 Engine Protection Shutdown

Coolant Temp Eng Protect Shtdn	engine shutdown
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Cool Level Eng Protect Shtdn	engine shutdown
Oil Press Eng Protect Shtdn	engine shutdown
Oil Level Eng Protect Shtdn	warning
Type #1 Eng Shtdn Enable	engine shutdown
Type #2 Eng Shtdn Enable	engine shutdown

PGR019 Automatic Fan Activation

Air Condition Enable Auto Fan	enable
PTO Enable Auto Fan Activation	disable

PGR020 Remote Accelerator Pedal

Remote Accelerator Enable	disable
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PGR023 Limiters II

Torque Factor Gear Dwn Protect	1.000
Gear Ratio Gear Down Protect	0.010
Torque Factor High Gear Power	1.000
Gear Ratio for High Gear Power	0.020
PasSmart Enable	disabled
Fuel Economy Incentive Enable	disabled
PS Pass Speed Increment	0.00 mph
PS Pass Speed Duration	0 min
PS Pass Speed Interval	8 h
FEI Max Vehicle Speed Reward	0.00 mph
FEI Minimum Fuel Economy	7.0 mpg
FEI Conversion Factor	2.0 mph/mpg
FEI Use Trip Mileage	based on filtered fuel economy
AL Conditions	AL permanently active
Progressive Shift Enable	disabled
PS Low Gear 2 RPM Limit	1700 rpm
PS Low Gear 1 Max RPM Limit	1600 rpm
PS Low Gear 1 Max Vehicle Spd	17.90 mph
PS Low Gear 2 Max RPM Limit	1700 rpm
PS Low Gear 2 Max Vehicle Spd	44.99 mph
PS High Gear RPM Limit	1800 rpm
PS High Gear On Vehicle Spd	44.99 mph
PS Low Gear 1 RPM Limit	1600 rpm
Enable Noise Control	DDEC style

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

PGR031 Vehicle Parameters III

Ambient Air Temp Sensor Enable	not available
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PGR032 Coolant Level Sensor

Cool Level Sensor Input Enable

single level probe sensor (Rusty Nail), temperature dependent evaluation

PGR042 Top2

Top2 Cruise Control Sw Enable

disable

PGR043 Acc

Adaptive Cruise Control Enable

disable