

Lesson 4V

The PCC 3100 Genset Control on DFH-Series Gensets

DFH-Series Genset Models



DFHA – 60Hz
750kW – Standby
680kW – Prime

DFHB – 60Hz
800kW – Standby
720kW – Prime

DFHA – 50Hz
620kW – Standby
560kW – Prime

DFHB – 50Hz
700kW – Standby
640kW – Prime

DFHC – 60 Hz
900kW – Standby

Specialized PCCv Menus



Initial Start Setup Menus

Rack Test Menu

% Torque Adjustment

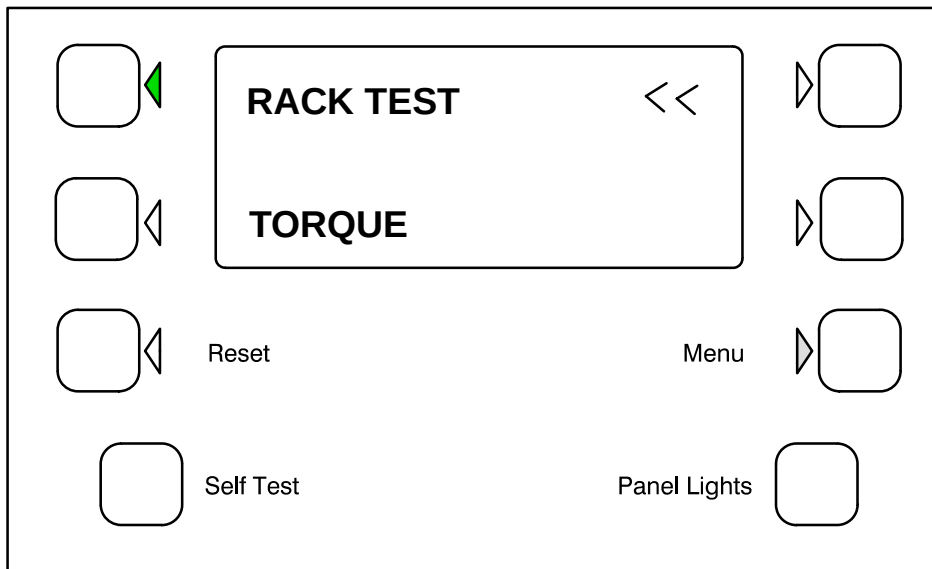
Rack Position Fault (Cust Fault 1)

Initial Start Setup Menu

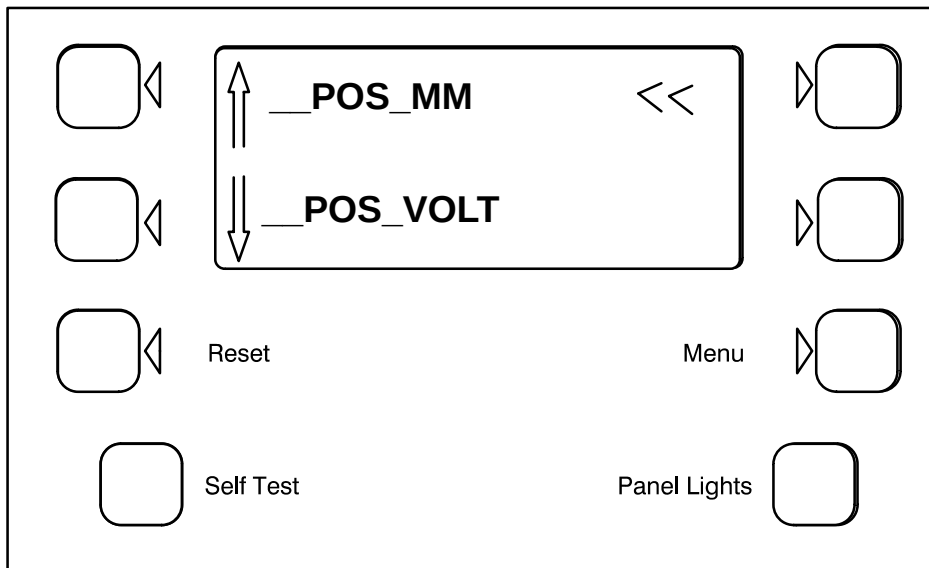


Resistor Cut	Model	Standby 50/60Hz	Prime 50/60Hz
None	DFHA	620/750kW	560/680kW
R36	DFHB	700/800kW	640/720kW
R37	DFHC	900kW 60Hz only	
R38	future		

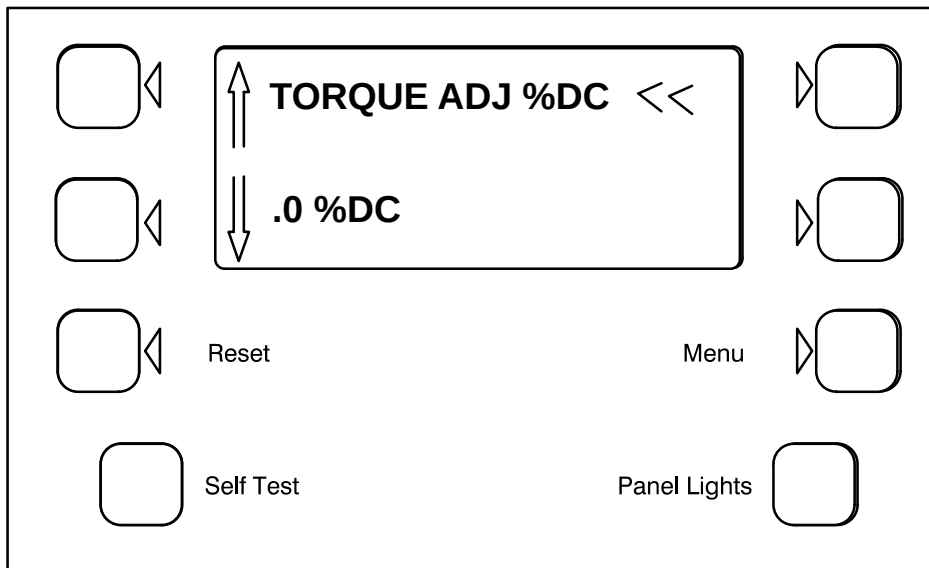
Rack Test Menu



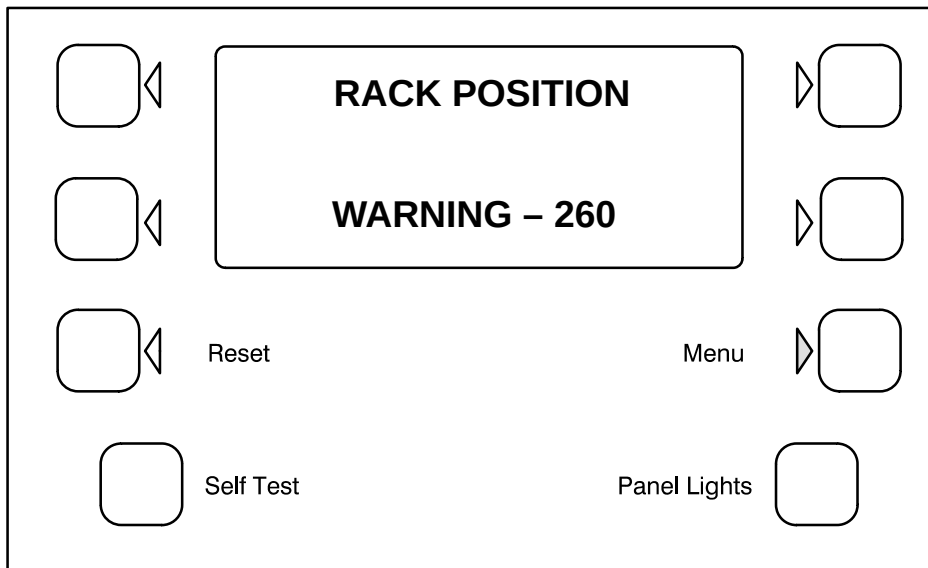
Rack Position



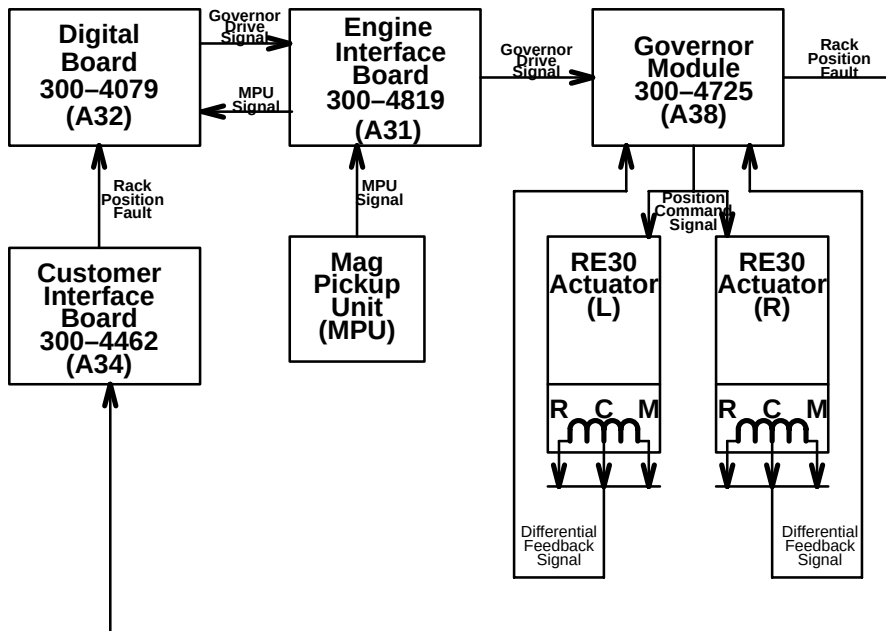
Torque Adjustment



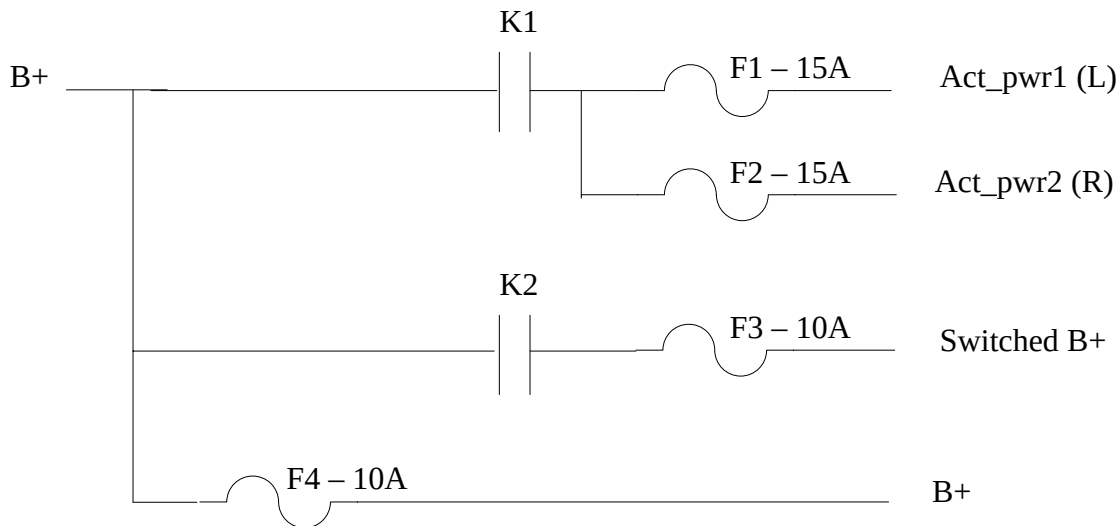
Rack Position



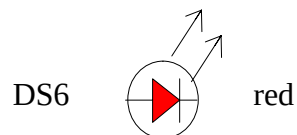
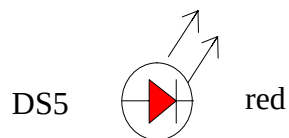
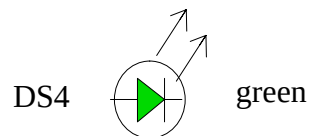
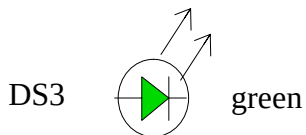
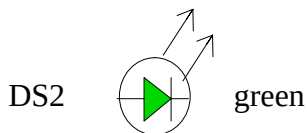
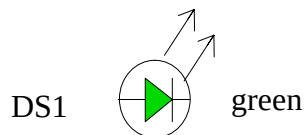
Governor Drive Components



Governor Module Power Supply



Governor Output Module LEDs



How to Tell the Difference



Component	PCCv	PCC 3100
A31-J5	Blue/White	Gray/White
A31 EIB	300–4819	300–4083
A36 Governor Output Module	300–4724	300–4307

DFH Hardware Attributes



Engine

Fuel Pump

Footprint

Control

DFH-Series Service Manual



960-0509

PCC 3100v Activity



4v-1 Quiz