



Products affected

Truck			Bus			Power Solutions			
4	PGRT	LPGRS	4	FKN	CK	P93	P96	E2011	PS2024
-	-	-	-	-	-	-	-	X	-

Miscellaneous:

Renewal of disc thermostat to piston thermostat for DI13

Background

There have been reports that the thermostat's shaft has become bent as a result of high coolant pulsation. To remedy this, a new piston thermostat has been introduced for all DI13 specifications as listed below:

FPC274B (Engine Application: Marine)

FPC142H (Engine Stroke Volume: 13 liters)

FPC1204B (Cooling System Engine: Heat Exchanger)

FPC8229Z (Oil Pressure Monitoring Safety System: Without)

FPC8242Z (Coolant Temperature Monitoring Safety System: Without)

FPC8230Z (Coolant Pressure Monitoring Safety System: Without)

FPC8243Z (Engine Speed Sensor Monitoring Safety System: Without)

This change is aimed at improving performance and reliability.

Production solution

Piston thermostat has been introduced.

The modification has been introduced in production from the engine serial numbers below:

Engine

Scania Södertälje

7 433 008



Service solution

Renewal of disc thermostat to piston thermostat.

Renewing the thermostat

Follow the *Workshop Manual* section 02-96 *Thermostat housing* > *Changing to piston thermostat, 13-litre marine engine*

Parts

Designation	Discontinued part	New part	Qty
Flange		2 288 230	1
Flange screw, M8x60		812 525	4
Thermostat		2 387 515	1
Thermostat housing		2 538 532	1
Flange screw, M8x80		812 529	3
Water pipe		1 894 547	1
O-ring		810 970	2
Bracket		1 893 071	1
Flange screw, M6x16		812 502	2
O-rings for the exhaust manifold:			
O-ring		804 672	4
Water pipe		3 116 793	1
Hose		2 880 574	1
Bracket		3 116 795	1
Hose clamp		816 117	2
Flange screw, M8x20		812 516	6