

## Manufacturer's Warranty Information

### Industrial/Generator Engines

The following are the warranty responsibilities of Hyundai Doosan Infracore Co., Ltd., (hereinafter HDI) as manufacturer and supplier of products and the warranty service which the distributor is required to perform under this warranty information.

#### 1. Standard Warranty

The new products warranty coverage is in effect one of the following conditions whichever occurs first.

		Month		Hours
		From Shipment Date	From Delivery Date to the end customer	Product Usage Time
G2 (DM Series) (Generator/Industrial)	5C items*	–	60	5,000
	Emission Parts	–	60	3,000
	All Components	–	36	3,000
D10 (SU/SP Series)		36	24	2,000
Mid/Large Generator	ESP (Standby)	66	60	1,000
	PRP (Prime)	24	12	Unlimited
	COP (Continuous)	24	12	Unlimited
Mid/Large Power Unit	Intermittent	24	18	500
	Continuous	18	12	2,000

\* Cylinder Block, Cylinder Head, Crankshaft (excluding bearings), Camshaft and Connecting Rods (excluding bushings).

\*\*Purchased cooling kit with the engine will be covered same as an engine.

#### 2. Emission Warranty

<b>1. Fuel Metering System</b> Fuel Supply Pump (HP Pump), Injector, Common Rail, Air Heater	<b>6. Electronic Control System</b> ECU, Cam/ Crank Sensor, Coolant Temperature Sensor, MAF Sensor, MAP Sensor (Manifold Pressure Sensor), Inlet Boost Temperature Sensor, Fuel Temperature Sensor, Common Rail Pressure Sensor
<b>2. Air-Induction System</b> Intake Manifold, Turbocharger System	
<b>3. Exhaust Gas Recirculation (EGR) System</b> EGR Valve, EGR Cooler	
<b>4. Catalyst or Thermal Reactor System</b> Diesel Oxidation Catalyst (DOC), Exhaust Manifold, SCR System, Catalyst, NOx sensor	
<b>5. Positive Crankcase Ventilation (PCV) System</b> PCV Valve	<b>7. Miscellaneous Items Used In Above Systems</b> Temperature and time sensitive valve and switches Solenoids and wiring harnesses Hoses, clamps, fittings and tubing, sealing gasket Emission control information labels

\* Any parts not supplied by HDI will not be covered.

### 3. Standard Warranty Coverage

#### 1) Covered

- Parts and components defective in material and/or workmanship upon delivery to End Customer that occurs within the defined warranty period.

#### 2) Not Covered

- Damage or functional difficulty resulting from change, modification, or alteration of product without consent from HDI.
- Damage or functional difficulty resulting from the operation of the product with disregard for HDI's operation or service manual and other operation/service instructions issued by HDI.
- Damage or functional difficulty resulting from improper handling or unsatisfactory repair and maintenance of product.
- Damage or functional difficulty resulting from the use of non-genuine HDI replacement parts.
- Damage or functional difficulty resulting from service and/or repair by facility or personnel not authorized by HDI.
- Parts that are replaced during or in connection to the normal scheduled maintenance of the product.

### 4. New Parts Warranty Coverage

#### 1) Covered

- Any part defective in material and/or workmanship that arises under normal

conditions of storage, use and service.

2) Not Covered

- Damage or functional difficulty resulting from operation of the product with disregard for HDI's operation or service manual and other operation/service instructions issued by HDI.
- Damage or functional difficulty resulting from improper handling or unsatisfactory repair and maintenance of product.
- Consumable parts such as filter, belt, air cleaner element, gasket, electric wire harness and other similar wearing parts to be replaced during or in connection to the normal scheduled maintenance of the product.

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