

## COMPREHENSIVE PLAN

(Applicable for School Bus only)

### SERVICE CONTRACT FOR PSI PROPANE ENGINES

The **Engine option** provides coverage to your vehicle's engine for time or distance traveled from new vehicle delivery date, whichever expiration occurs first.

During the period, Navistar, Inc. will repair or replace any of the covered components as defined below which proven defective in material and/or workmanship in normal use, with new or ReNEWed parts. Exceptions are listed herein under *What is Not Covered*.

#### Group 4: Brakes

207 - Air compressor, hydraulic brakes  
202 - Air compressor, air brakes

#### Group 12: Engine

6 - Sensor, knock	247 - Gasket, oil pan	573 - Cover, timing
28 - Cap & bolt, main bearing	257 - Bearing, flywheel pilot	582 - Plate & gasket, camshaft cover
37 - Bolt, rod	308 - Arm & bushing, rocker	591 - Pan, oil
51 - Crankcase	313 - Carrier assembly, rocker arm	603 - Plug, oil drain
52 - Piping/connection crankcase vent	314 - Shaft, rocker arm	637 - Shield, heat
75 - Crankshaft	321 - Bolts, rocker arm	647 - Sensor, oxygen (EGO)
89 - Flywheel/ring gear	335 - Gasket, cylinder head	658 - Filter/base/gasket/mounting brkt., oil
108 - Housing, flywheel	342 - Head/bolt, cylinder	686 - Cooler, oil
137 - Piston, pin, lock, bushing	349 - Tube, cylinder head injection	687 - Harness, engine sensors from ECM to all sensors
146 - Ring, piston	356 - Manifold assembly, exhaust	695 - Dipstick assembly
153 - Plug, expansion	357 - Camshaft	713 - Pump/drive mechanism/pickup assy., oil
161 - Rod/cap, connecting	358 - Gasket, exhaust manifold	716 - Reprogram engine calibration
163 - Sender, engine oil pressure (EOP)	359 - Seal ring, exhaust manifold	722 - Lines & seals, oil
166 - Sender, engine coolant temperature (ECT)	371 - Timing gears or chain & injector pump drive gears	738 - Pipe & cap assembly, oil filler
169 - Sender, camshaft position (CMP)	404 - Lifter, valve	761 - Pipe & seal, water
170 - Sender, crankshaft position (CKP)	414 - Valve, oil pressure regulating	772 - Harness, injector (external)
171 - Sender, manifold absolute pressure (MAP)	416 - Rods, push	774 - Pump & gasket assy, water
174 - Seal, front	425 - Cup, exhaust valve	788 - Housing, thermostat
183 - Seal, rear	427 - Jets, piston oil cooling	801 - Module, electronic control (ECM)
205 - Bearing, camshaft	431 - Guide & seal, valve	814 - Pedal assembly, accelerator
213 - Bearing, main	513 - Valve spring, damper, lock, retain & rotor	979 - Vibration dampener/crank pulley
230 - Bearing, thrust	530 - Valve/seat, exhaust	993 - Sensor, mass air flow
236 - Cover, rocker arm gasket	538 - Valve/seat, intake	995 - Pin, dowel
241 - Bearing, rod	544 - Manifold/gaskets, intake	
242 - Cover gasket, timing	556 - Cover & gasket, lifter	
	562 - O-ring, injector unit	
	563 - Injector unit (electrical)	
	564 - Cover, rocker arm	

#### Group 15: Fuel System

120 - Service valve, liquid	126 - Valve, fill	230 - Plugs, spark
121 - Spit valve, remote	127 - Module, liquid propane delivery (LPDM)	234 - Cable/boot, spark plug
122 - Stop fill valve, remote	128 - Pump, scavenge	332 - Coil/mounting, ignition
123 - Relief valve, pressure	131 - Pump, boost	452 - Engine fuel rail, propane
124 - Assembly, sending unit	132 - Tank, propane	642 - Hose, LP fill
125 - Gauge, float		

643 - Hose, lp tank to engine fuel  
rail  
714 - Body, throttle

858 - Catalyst, exhaust  
908 - Harness, scavenge pump

909 - Harness, cab wires conn's &  
terminals

**WHAT IS NOT COVERED****Components / Items:**

- Correction of loose fasteners, squeaks, rattles and unusual noises.
- Adjustments.
- Items warranted by their respective manufacturers (e.g., non-Navistar brand engines).
- Any part that is not a Navistar part number.
- Unauthorized parts other than Navistar service parts or ReNEWed® parts.
- Aftermarket parts or service kits.
- Parts requiring replacement at inspection or adjustment maintenance intervals for reasons other than being defective

**Repairs:**

- Maintenance-related items/ repairs or those as a result of normal wear and tear, including tune-ups, gaskets, belts, seals, lubrication, and/or other similar procedures/parts required to keep vehicle in good working condition. These services include, but are not limited to oil changes, oil filters, air filters, fuel filters, cleaning/polishing, engine tune-up, adding oils, tightening of air intake and coolant clamps.
- Repairs to any part of the vehicle subjected to misuse, negligence, improper maintenance, improper operation, or which is the result of an accident.
- Seals, wheel seals, gaskets, belts, hoses and lubricants, except when required in connection with a warrantable failure.
- Attaching accessories, thermostats, flex plate, externally mounted electrical & filtration systems.
- No coverage will be granted if Power Train, Propshaft and Suspension sales guidelines (specifications) are not strictly adhered to by all owners and operators of this vehicle.
- Rust, corrosion, cosmetic issues, bright work
- Failure to maintain correct maintenance schedule.
- Failures or damage resulting from abuse or neglect as determined by Navistar, which includes, but is not limited to operation without adequate coolants or lubricants; over speeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices.
- Failures caused by incorrect oil, fuel or catalytic reagent or by water, dirt or other contaminants in the fuel, oil or catalytic reagent.
- Accidents, acts of nature or other events beyond control of Navistar.

**Other:**

- Engines sold and/or operated outside the United States or Canada.
- Engine or engine components which have had unauthorized alterations or modifications.
- Engines on which the odometer reading has been altered.
- Incidental, special, indirect, or consequential costs or expenses which the owner may incur as a result of a malfunction or failure covered by this warranty, such as vehicle damage, communication expenses, meals, lodging, overtime, loss of use of engine or vehicle ("downtime"), loss of time, inconvenience, cargo loss or damage, and other similar costs and expenses.
- Replacement of defective parts, which were not authorized Navistar equipment when first installed.
- Towing, unless additionally purchased.

**OBTAINING SERVICE**

To obtain service under this Service Contract, return this vehicle to any Navistar truck dealer authorized to service this model vehicle and engine. To locate an authorized dealer near you, please call the Navistar Customer Service Center at 800-44- TRUCK (800-448-7825).

**DISCLAIMER**

NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER. No person is



authorized to give any other warranties or to assume any liabilities on the company's behalf unless made or assumed in writing by the Company; and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

**Remedies Under State or Provincial Law:** Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

**Navistar, Inc., except in Canada where it is Navistar Canada, Inc.**