

LONG-BLOCK

ABOUT a long-block engine

The long-block is a partly assembled engine. The major components of the engine are pre-assembled. The long-block engine is built in compliance with the serial number of the customer's previous engine. Only the conversion of some external parts from the old engine to the long-block engine needs to be done.

WHY a long-block engine?



Cost Saving

By converting re-usable external parts from your old engine to the long-block engine, the cost of expensive external parts is avoided.



Perfect Solution

Some complete engine types are difficult to find.



100% Identical

The Long-Block engine is built in compliance with the customer's old engine and will be 100% identical in the specification and configuration.



High Quality

Only high quality OEM and ORIGINAL parts are used.



Easy shipping

A long-block engine is easy to pack and transport. Import rates are cheaper too as a long-block is accepted as "PARTS" not as a "COMPLETE DIESEL ENGINE".



Warranty

A 12 month warranty is guaranteed without limiting the working hours.

IMPORTANT





















The parts to be converted from the old engine must be checked carefully.





















Damage to the engine due to poor quality or broken parts from the old engine is not covered by warranty.

When some of the external parts from your old engine need replacement, Hamofa can provide a quote on these parts, whether new, used or reconditioned.



TECNICAL INFORMATION: COMPOSITION OF THE LONG-BLOCK ENGINE

	NEW	RECONDITIONED	TO CONVERT ⁽¹⁾	NOT INCLUDED
 CYLINDER BLOCK		✓		
 CYLINDER HEAD		✓		
 • valves, guides, springs		✓		
 • cylinder head bolts		✓		
 • cylinder head gasket	✓			
 LINER	✓			
 CRANKSHAFT		✓		
 • main bearings	✓			
 CONNECTION ROD		✓		
 • conrod bolts	✓			
 • bearings	✓			
 CAMSHAFT		✓		
 • bearings		✓		
 INTAKE MANIFOLD			✓	✓
 EXHAUST MANIFOLD			✓	✓
 TURBO CHARGER			✓	✓
 INJECTION PUMP			✓	✓
 FUEL SYSTEM			✓	✓
 • injector			✓	✓
 FRONT PULLEY & V-belt			✓	✓

	NEW	RECONDITIONED	TO CONVERT ⁽¹⁾	NOT INCLUDED
 VALVE TAPPET, pushers ⁽²⁾ , valve lifters ⁽²⁾		✓		
 • timing chain, rocker-arms and tubes		✓		
 WATER PUMP		✓		
 OIL PAN			✓	✓
 OIL PUMP		✓		
 OIL FILTER				✓
 FUEL FILTER				✓
 AIR FILTER				✓
 FLYWHEEL			✓	✓
 FLYWHEEL HOUSING			✓	✓
 PISTON (complete set)	✓			
 STARTER			✓	✓
 ALTERNATOR			✓	✓
 COMPRESSOR			✓	✓
 PTO's			✓	✓
 ENGINE MOUNTS/STANDS			✓	✓
 ELECTRIC SENSORS			✓	✓
 ECU			✓	✓
 WIRING			✓	✓
 GASKET SET COMPLETE	✓			

✓ = INCLUDED ✓ = NOT INCLUDED

⁽¹⁾ Parts from the old engine to be converted by the customer.

⁽²⁾ Mounted when the engine model permits.

PARTS THAT ARE NOT INCLUDED CAN BE REQUESTED

This is general information. Depending on the engine model, modifications are possible.

PACKAGING



Every engine, supplied by Hamofa, is carefully prepared for safe transportation.

For road transport within the EU borders, the engines are securely fixed on a safety pallet and wrapped with special packing foil.



Every engine, supplied by Hamofa, for intercontinental transport by SEA or AIR, is professionally packed in a certified wooden box.

TRANSPORT

HAMOFA Logistics Solutions offers transport by road, sea or air. The engine can be delivered to the nearest customs terminal, sea or air port, as well as to the final destination address.

