

HG-123

HEAD GASKET REPAIR KIT

PROPERTIES:

- > Repairs cracks on head gasket, cylinder head and engine block.
- > Permanent sealing and resistant to high pressures.
- > Protects the cooling system by reducing the operating temperature.
- > Prevents sediment formation and corrosion.
- > Lubricates system components.

INSTRUCTIONS:

IMPORTANT: Applicable exclusively in closed cooling systems and in presence of CO₂.

RECOMMANDATION:

- Use a CO₂ detector before starting the repair (presence of CO₂) and after applying HG-2 (CO₂ disappearance).
- Whenever it is possible remove the thermostat to facilitate the recirculation of the coolant.
- After applying HG-2, do not hesitate to repeat steps 7 (heat) and 8 (cool).

HG-1 COOLING SYSTEM CLEANING

1. Check the presence of CO₂ in the system.
2. Shake well and pour HG-1 into the cooling circuit without draining the refrigerant.
3. Let engine idle for 30-40 minutes heating on.
4. Empty and clean with water.
5. Fill with new coolant.

HG-2 HEAD GASKET REPAIR

6. With the engine totally cold: add HG-2 to the cooling circuit through the expansion vessel or the radiator. In case of excessive pressure, previously extract 500 ml of refrigerant.
7. Warm up the engine: with expansion vessel or radiator closed (if overpressure doesn't allow it, keep cap open), start the engine and bring it to service temperature until the coolant circulates (thermostat open). Keep the engine warm with active recirculation for 15 minutes avoiding HG-2 spillage during the process. Whenever it is possible remove the thermostat to facilitate the recirculation of the coolant.
8. Cool the engine completely: turn off the engine and leave on for 12 hours.
9. Check the absence of CO₂ in the system.
10. If necessary, repeat step 7 and 8 until CO₂ is not present anymore or, if applicable, apply a 2nd dose of HG-2 starting with step 6.



HG-3 COOLING CIRCUIT PROTECTION

11. Pour HG-3 into the radiator or expansion vessel with cold engine.
12. Start the engine with the heating on and bring it to service temperature.
13. Let the vehicle idle for 5 minutes.

USAGE:

- > Compatible with all types of coolant
- > Dose to treat a circuit up to 10 litres

PHYSICAL AND CHEMICAL PROPERTIES:

HG-1 COOLING SYSTEM CLEANING

APPEARANCE:	PHYSICAL:	liquid
	COLOUR:	colorless
	SMELL:	soft
PH :		10-10.5
INFLAMMATION POINT:		non-flammable
DENSITY (WATER = 1):		1.043 g/ml
WATER SOLUBILITY:		totally soluble

HG-2 HEAD GASKET REPAIR

APPEARANCE:	PHYSICAL:	liquid
	COLOUR:	colorless
	SMELL:	odorless
PH :		10
INFLAMMATION POINT:		> 100
DENSITY (WATER = 1):		1.030 g/ml
WATER SOLUBILITY:		totally soluble

HG-3 COOLING CIRCUIT PROTECTION

APPEARANCE:	PHYSICAL:	liquid
	COLOUR:	fluorescent yellow
	SMELL:	practically odorless
PH :		9.5
INFLAMMATION POINT:		non-flammable
DENSITY (WATER = 1):		1.030 g/ml
WATER SOLUBILITY:		totally soluble
OIL SOLUBILITY:		not soluble in oil, produces emulsion

CONTAINER:

Product code:	14005
Units per box:	8
Content per unit:	H-1 : 300 ml, H-2 : 300 ml, H-3 : 300 ml
EAN code:	8436557010209
Material:	tin

COOLING SERVICE