

New

Cylinder Kits Team Factory for Scooter

Race Ready – Hand Finished - The Best of Malossi's Cylinder Kits



Code = **3113039.T0**

Code = **3113042.T0**

€ 535.00



Team Factory, the synthesis of many years of racing research and development, is a **special** product line of cylinder kits from Malossi, handmade in **limited quantities**, and intended solely for scooter racing.

The new cylinder kits Team Factory are **the result of further development and refinement of Malossi products specifically selected and developed** for the Malossi Trophy.

Extreme attention is paid to the machining of these products, so much so that they show the full potential of Malossi's research and experience, from material selection to production processes, the level of precision to the rigorous final quality testing.

The cylinder is one of the most important and most complex parts that make up the kit Trophy.

The port and exhaust diagram values must be within tolerances of 5 hundredths of a millimetre. To obtain these infinitesimal values it is essential to tweak both exhaust and transfer ports one by one, with dental tools, which only expert technicians can perform.

Only perfect cylinders, subjected to the most sophisticated and rigorous controls, become Malossi Team Factory. The cylinder and piston coupling is strictly maintained within a tolerance of 5 microns, the roundness of the cylinder within 5 microns and the cylinder bore may not exceed the second-class selection.

Even the compound head is machined and subjected to very stringent quality tests, intended to check mainly the squish and compression.

Products to be used exclusively for racing in places specially designed for such activity according to the regulations of the competent sporting authorities. We accept no liability resulting from improper use.

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TECHNICAL FEATURES

- **Cylinder:** aluminium, alloy of silicon and copper, gravity cast, hardened and tempered with a hardness of 100-110 Brinell. Machined in-house at Malossi with high-precision machining centres. Cylinder with Cermet protective coating, Vickers hardness 600/630, 30 degree criss-cross honing and roundness within 5 microns.
- **Piston:** aluminium alloy with 18% of silicon, racing version, reinforced, hardened and stress relieved, special profile and single ring.
- **Piston Ring:** high strength stainless steel alloy 0.8 mm with chromed and lapped sliding surface.
- **Piston Pin:** Aerospace quality FADH hardened steel, ground and polished.
- **Head:** aluminium alloy with 9% silicon, gravity cast, annealed and aged, manufactured on machining centres with a tolerance of one hundredth of a millimetre.
- **Head Cover:** Cast aluminium alloy with 12% silicon with Viton O-ring seal.

		TEAM FACTORY MHR TEAM		MARMITTA MHR TEAM II	TEAM FACTORY MHR BIG BORE		MARMITTA MHR BIG BORE II
	SCOOTER 50 2T	Ø 47,6			Ø 50		
APRILIA	AREA 51 LC	3112642.T0	(A)	---	3113039.T0	(D)	3215198
	GULLIVER LC	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	SONIC LC	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	SR (carb.) LC 2004 (PIAGGIO)	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	SR NETSCAPER LC (MINARELLI)	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	SR R (carb.) LC (PIAGGIO)	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	SR RACING LC (MINARELLI)	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	SR REPLIC LC	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
BENELLI	SR STEALTH LC (MINARELLI)	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	491 SPORT LC (MINARELLI)	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
BETA	EIKON LC	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
DERBI	GP1 LC	3112099.T0	(B)	---	3113042.T0	(C)	3215134
	GP1 OPEN LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	GP1 REVOLUTION LC	3112099.T0	(B)	---	3113042.T0	(C)	3215134
GILERA	DNA LC	3112099.T0	(B)	---	3113042.T0	(C)	3215134
	RUNNER LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	RUNNER SP LC <-2005 / (carb.) LC 2006->	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
ITALJET	DRAGSTER LC	3112642.T0	(A)	---	3113039.T0	(D)	3215198
MALAGUTI	F12-PHANTOM LC	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	F12 DIGIT KAT-PHANTOM LC / LC euro 2	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	F12 R LC LC euro 2	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	F15 FIREFOX LC	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
MBK	MACH G LC	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	NITRO LC	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
PIAGGIO	NRG LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	NRG EXTREME LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	NRG MC2 LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	NRG MC3 DD LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	NRG Power DD LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	NTT LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	QUARTZ LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
	ZIP SP LC	3112099.T0	(B)	3214762	3113042.T0	(C)	3215134
YAMAHA	AEROX LC euro 0-1-2	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198
	JOGR LC euro 2	3112642.T0	(A)	3214763	3113039.T0	(D)	3215198

- (A) - EXCLUSIVELY for crankshaft 5312810 - Crankcase MODIFICATIONS: BORING AND CHAMFERING
 (B) - EXCLUSIVELY for crankshaft 5314544 - Crankcase MODIFICATIONS: BORING AND CHAMFERING
 (C) - EXCLUSIVELY for crankshaft 5313270 - Crankcase MODIFICATIONS: BORING AND CHAMFERING
 (D) - EXCLUSIVELY for crankshaft 5313275 - Crankcase MODIFICATIONS: BORING AND CHAMFERING

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