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## Update comparison between EVO and Girs12 injectors

Dear Customer,  
this technical info replaces the previous n° 122 of 4 November 2019. The table updates the ratio between the GIRS 12 injectors and the engine power. The changes are indicated in red.

This technical info shows the combination of EVO injectors and GIRS12 injectors and the ratio of use between engine capacity / engine power, with the aim of helping to identify the size of GIRS12 injectors suitable to replace EVO injectors.

The name of the distributed calibrations indicate the type and size of the injectors used in the prototype calibration.

The size of the EVO injectors is shown in different points on the rail, based on the body, whether in plastic, or metal, or by the color of the nozzles.

The size of the GIRS12 injectors can be recognized by the colored caps of each injector.



EVO INJECTORS		GIRS 12 INJECTORS	
Size	Nozzle	Size	Cap color
1.6	Red	XXS	Brown
1.8	Yellow	XXS	Brown
2.0	Green	XS	Yellow
2.2	Black	S	Green
2.4	White	M	Black
2.6	Gray	L	White

GIRS 12 INJECTORS / ENGINE POWER (Kw)		Number of engine <u>cylinder</u>					
		2	3	4	5	6	8
XXS	Brown	0-30	0-46	0-58	0-77	0-92	0-123
XS	Yellow	30-37	46-56	58-80	77-93	92-112	123-150
S	Green	37-44	56-68	80-88	93-110	112-132	150-176
M	Black	44-77	68-85	88- <b>126</b>	110-143	132-190	176-229
L	White	> 77	> 85	> <b>126</b>	> 143	> 190	> 229

This second table suggests the use of the correct injector size, based on the engine power and the number of engine cylinders.

For "Valvetronic, Multiair and CNG powered systems" engines, we suggest considering one size less than the values shown in the table.

However, at the end of the installation it is better check the vehicle on the road.

For additional support or details, please get in touch with our Technical Assistance.

Best regards

Landi Renzo  
Sales Team

Landi Renzo S.p.a. | via Nobel, 2 | 42025 Corte Tegge, Cavriago (RE) | Italia |  
Tel. +39 0522 9433 | Fax +39 0522 944044 | e-mail: [info@landirenzo.com](mailto:info@landirenzo.com)

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