



MUFFLERLIST 2014

For any enquiries please refer to: muffler.homologation@efra.ws

March 4th 2014

Enclosed the new muffler list for 2014. Because of new rules the list has been changed. Some of the older mufflers have disappeared. From now the responsibility on the noise production is up to the driver. Using one of the mufflers on the list does not mean that you are within the limits. The noise production depends on a combination of motor/muffler/manifold/ins-box/gearing and body. During 2014 EFRA will start measuring noise limits to show the drivers their noise production. From 2015 on we will slightly reduce the limits year by year, which means that some of you will need to change their set-up, depending on what has been set as maximum. A penalty will be given to those not respecting the noise limits. This is a different approach compared to the last 25-30 years, however this is the only solution to bring the level down. All mufflers will be valid for a period of 2 year and then a renewal by the manufacturer has to be made to EFRA again. This gives better control and the more noisy mufflers will easily disappear in the future.

The "RED" coloured numbers are new mufflers or new INS boxes. At the end of the list you see a sample of the EFRA9901 with a picture. We have also listed some of the measurements here, including the weight. The weight is there to avoid the production of mufflers with thinner or different material. Thinner material normally will produce more noise. Within the next weeks pictures from all the mufflers with their dimensions and weight will be added to complete the list. Length and diameter are the maximum values. Some mufflers have a cosmetic change compared to those produced some years ago, which means they are slightly different looking, however functional measurements are still the same. See picture EFRA9901 with extra reinforcement for tailpipe.

EFRA Number	1/8th MUFFLERS for 2014	type	valid till
EFRA9901	NovaRossi		dec-15
EFRA2006	NovaRossi		dec-15
EFRA2015	NovaRossi / R&B		dec-15
EFRA2017	MAX		dec-15
EFRA2021	Schepis Model , Boss, Sirio, Bliss		dec-15
EFRA2031	Radiosistemi		dec-15
EFRA2033	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC		dec-15
EFRA2034	RCE/Hipex		dec-15
EFRA2041	Mielke		dec-15
EFRA2042	OS Engines / AmainHobbies/ Mugen Seiki/Nemo/S-workz		dec-15
EFRA2045	R&B		dec-15
EFRA2048	Radiosistemi		dec-15
EFRA2046	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC		dec-15
EFRA2052	NovaRossi		dec-15
EFRA2058	Capricorn / XRD / Orion		dec-15
EFRA2068	Capricorn / XRD	on road	dec-15
EFRA2069	RCE/Hipex/CRF		dec-15
EFRA2076	LRP	off road	dec-15
EFRA2083	Schepis Model , Boss, Sirio, Bliss		dec-15
EFRA2084	NovaRossi		dec-15
EFRA2087	R&B		dec-15
EFRA2089	OS Engines / AmainHobbies/Nemo/S-Workz		dec-15
EFRA2090	SST/Alpha/A-plus	off road	dec-15
EFRA2092	R&B		dec-15
EFRA2094	MAX		dec-15
EFRA2095	Hipex (low noise pipe)	on road	dec-14
EFRA2096	NovaRossi		dec-15



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EFRA2097	R&B		dec-15
EFRA2098	OS Engines		dec-15
EFRA2099	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC		dec-15
EFRA2100	Hudy/Xray/FX		dec-15
EFRA2102	Schepis Model , Boss, Sirio, Bliss		dec-15
EFRA2103	Arrow/Go-Engine	off road	dec-14
EFRA2104	REDS Racing	off road	dec-14
EFRA2105	Global Hobbies	off road	dec-14
EFRA2106	HsiChia Co. Ltd / Weiken	off road	dec-14
EFRA2107	SST/Alpha/A-plus	off road	dec-14
EFRA2108	RCE/Hipex/FX		dec-14
EFRA2109	LRP	off road	dec-15
EFRA2110	SST/Alpha/A-plus	off road	dec-15
EFRA2111	Force(FC)/Conrad/Carson/J Perkins/Ofna/Sworkz	off road	dec-15
EFRA2112	REDS Racing	off road	dec-15
EFRA2113	REDS Racing	on road	dec-15
EFRA2114	CRF / Orion		dec-15
EFRA2115	RCE/Hipex/OS Engines		dec-15
EFRA2116	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC		dec-15
EFRA2117	Gimar / JP		dec-15
EFRA2118	Capricorn / XRD		dec-15
EFRA2119	Ultimate Engines	off road	dec-15
EFRA2120	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC		dec-15

EFRA Number	1/10th MUFFLERS for 2014	type	valid till
EFRA2624	Mielke	on road	dec-15
EFRA2630	NovaRossi	on road	dec-15
EFRA2652	NovaRossi / R&B	on road	dec-15
EFRA2654	RCE/Hipex/Orcan	on road	dec-15
EFRA2660	NovaRossi / R&B	on road	dec-15
EFRA2661	OS Engines	on road	dec-15
EFRA2662	Capricorn / XRD	on road	dec-15
EFRA2663	Mielke	on road	dec-15
EFRA2668	R&B	on road	dec-15
EFRA2669	RCE/Hipex/CRF	on road	dec-15
EFRA2670	MAX	on road	dec-15
EFRA2671	Schepis Model , Boss, Sirio, Bliss	on road	dec-15
EFRA2672	OS Engines	on road	dec-15
EFRA2673	Hipex / RCE (low noise)	on road	dec-14
EFRA2674	REDS Racing	on road	dec-15
EFRA2675	RCE/Hipex	on road	dec-15
EFRA2676	Capricorn / XRD	on road	dec-15
EFRA2677	Gimar / JP	on road	dec-15
EFRA2678	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC	on road	dec-15
EFRA2679	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC	on road	dec-15



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INS Boxes for 2014			
EFRA-INS200101	Serpent	1/8th	1/10th
EFRA-INS200201	Picco box, also sold by R&B	1/8th	1/10th
EFRA-INS200401	Mielke / Mugen Seiki	1/8th	1/10th
EFRA-INS200701	NovaRossi	1/8th	1/10th
EFRA-INS200702	Mielke modified / Mugen Seiki	1/8th	1/10th
EFRA-INS200901	NovaRossi / R&B	1/8th	1/10th
EFRA-INS200902	Serpent / Xceed / Max / OS Speed /R&B	1/8th	1/10th
EFRA-INS200903	modified NR (lower 200901)	1/8th	1/10th
EFRA-INS201001	Hobby Pro / Team C	1/8th	1/10th
EFRA-INS201101	Mielke	1/8th	1/10th
EFRA-INS201401	NovaRossi	1/8th	1/10th

EFRA number	Manufacturer	OEM brands	Picture	Specs	date/mm/gr
EFRA9901	NovaRossi			Valid till Weight Diameter Length Tailpipe	31-12-2015 68.5 38 156 26