



# MUFFLERLIST 2016

For any enquiries please refer to:  
[muffler.homologation@efra.ws](mailto:muffler.homologation@efra.ws)

March 2nd, 2016

Enclosed the new muffler list for 2016. Because of new rules that were made valid in 2013 the list will be different every year. Some of the older mufflers have disappeared and more will follow. 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/performance and body.

EFRA will start measuring noise limits at various races to show the drivers their noise production during the coming years. We are improving our measurement systems from year to year and as soon as our system works satisfied we will start taking out some of you who are the loudest. Finally a penalty can 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 on the list 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.

At the end of the list you see a sample of the EFRA9901/2006 and 2015 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.

	1/8th MUFFLERS for 2016	type	valid till
EFRA9901	NovaRossi		dec-17
EFRA2006	NovaRossi		dec-17
EFRA2015	NovaRossi / R&B		dec-17
EFRA2017	MAX		dec-17
EFRA2021	Schepis Model , Boss, Sirio, Bliss		dec-17
EFRA2023	SPM		dec-17
EFRA2024	SPM		dec-17
EFRA2033	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2034	RCE/Hipex		dec-17
EFRA2041	Mielke / Maxima / RMV / Corally		dec-17
EFRA2042	OS Engines/ ProTek RC/ Mugen Seiki/ Bullitt/ S-Power		dec-17
EFRA2046	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2052	NovaRossi		dec-17
EFRA2058	Capricorn / XRD / DB ENGINE TECHNOLOGY		dec-17
EFRA2068	Capricorn / XRD / DB ENGINE TECHNOLOGY	off road	dec-17
EFRA2069	RCE/Hipex/CRF		dec-17
EFRA2072	Arrow/Go-Engine		dec-16
EFRA2076	LRP/Nosram	off road	dec-17
EFRA2081	Alpha Plus	off road	dec-16



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EFRA2083	Schepis Model , Boss, Sirio, Bliss		dec-17
EFRA2084	NovaRossi		dec-17
EFRA2089	OS Engines/ ProTek RC/ Mugen Seiki/ Bullitt/ S-Power		dec-17
EFRA2093	TLR	off road	dec-16
EFRA2094	MAX		dec-17
EFRA2095	Hipex (low noise pipe)	on road	dec-16
EFRA2096	NovaRossi		dec-17
EFRA2098	OS Engines / CRF / Creation Model		dec-17
EFRA2099	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2102	Schepis Model , Boss, Sirio, Bliss		dec-17
EFRA2104	REDS Racing	off road	dec-16
EFRA2105	Global Hobbies	off road	dec-16
EFRA2106	HsiChia Co. Ltd / Weiken / Beta	off road	dec-16
EFRA2107	Alpha Plus	off road	dec-16
EFRA2108	RCE/Hipex/FX		dec-16
EFRA2109	LRP/Nosram	off road	dec-17
EFRA2110	SST/Alpha/A-plus	on road	dec-17
EFRA2111	Force (FC) / Sworkz	off road	dec-17
EFRA2112	REDS Racing	off road	dec-17
EFRA2113	REDS Racing	on road	dec-17
EFRA2114	CRF / Orion		dec-17
EFRA2115	RCE/Hipex/OS Engines		dec-17
EFRA2116	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2118	Capricorn / XRD		dec-16
EFRA2119	Ultimate Engines	off road	dec-17
EFRA2120	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2121	STS		dec-16
EFRA2122	NR / R&B		dec-16
EFRA2123	ULTIMATE RACING	off road	dec-16
EFRA2124	R&B		dec-16
EFRA2125	Hipex		dec-16
EFRA2126	Hipex		dec-16
EFRA2127	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON	off road	dec-16
EFRA2128	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON	on road	dec-16
EFRA2129	Tesla		dec-16
EFRA2130	Alpha/Argus		dec-16
EFRA2131	FX	off road	dec-16
EFRA2132	REDS Racing		dec-17



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EFRA2133	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON		dec-17
EFRA2134	Alpha Plus / Argus		dec-17
EFRA2135	RCE		dec-17
EFRA2136	Shengine		dec-17
EFRA2137	Dbengine		dec-17
EFRA2138	SSTech / JS / MIT / Soar / Go	off road	dec-17
EFRA2139	Tesla		dec-17
EFRA2140	SSTech / JS / MIT		dec-17

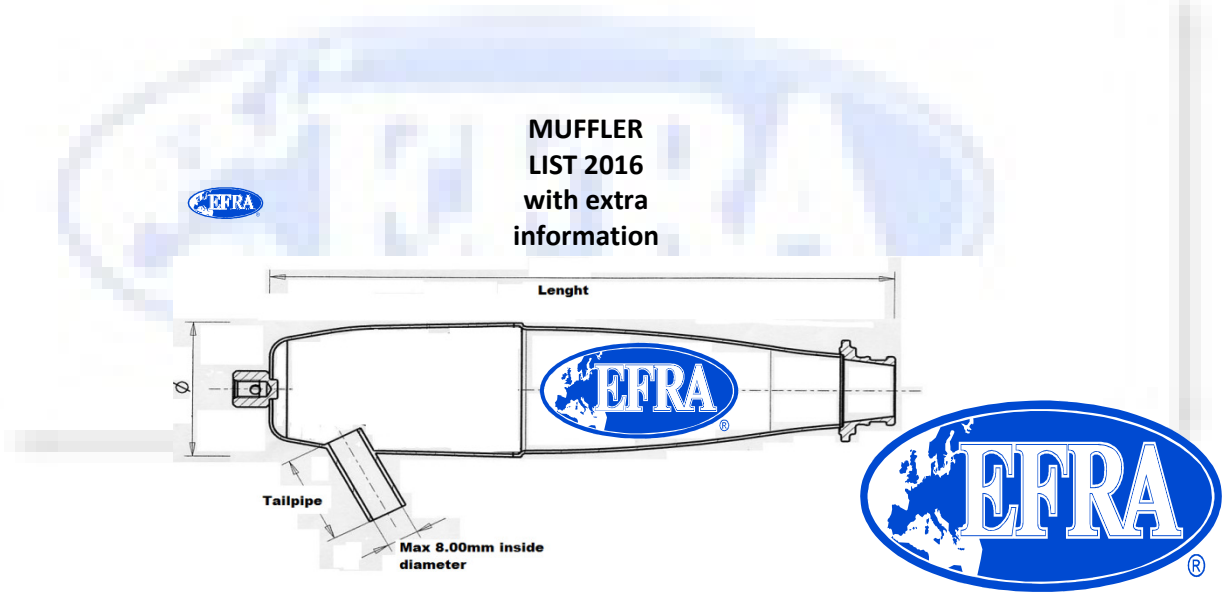
	1/10th MUFFLERS for 2016	type	valid till
EFRA2624	Mielke	on road	dec-17
EFRA2630	NovaRossi	on road	dec-17
EFRA2652	NovaRossi	on road	dec-17
EFRA2654	RCE/Hipex/Orcan	on road	dec-17
EFRA2660	NovaRossi	on road	dec-17
EFRA2662	Capricorn / XRD	on road	dec-16
EFRA2663	Mielke	on road	dec-17
EFRA2669	RCE/Hipex/CRF	on road	dec-17
EFRA2670	MAX	on road	dec-17
EFRA2671	Schepis Model , Boss, Sirio, Bliss	on road	dec-17
EFRA2672	OS Engines	on road	dec-17
EFRA2673	Hipex / RCE (low noise)	on road	dec-16
EFRA2674	REDS Racing	on road	dec-17
EFRA2675	RCE/Hipex	on road	dec-17
EFRA2676	Capricorn / XRD / DB ENGINE TECHNOLOGY	on road	dec-17
EFRA2677	Gimar / JP	on road	dec-15
EFRA2678	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON	on road	dec-17
EFRA2679	PICCO/XCEED/SONIC/VOX/REDS/LRP/BLISSRC/ RCCONCEPT/TRITON	on road	dec-17
EFRA2680	R&B	on road	dec-16
EFRA2681	DB Engine	on road	dec-16
EFRA2682	Reds	on road	dec-16
EFRA2683	Tesla	on road	dec-16
EFRA2684	Gimar / JP	on road	dec-16
EFRA2685	DB Engine	on road	dec-16
EFRA2686	Tesla	on road	dec-17
EFRA2687	Tesla	on road	dec-17



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INS Boxes for 2016			
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 NovaRossi (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 <td 1/10th	



## EFRA MUFFLERS 2015 DATA SHEETS

### EFRA9901

NovaRossi

Valid till 31-12-2017

68,5 gramm

38 x 156mm

tailpipe 26mm


All Dimensions +/- 1mm






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<p><b>EFRA2006</b> NovaRossi Valid till 31-12-2017</p> <p>59,5 gramm 37 x 156mm tailpipe 25mm</p>		
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<p><b>EFRA2015</b> NovaRossi Valid till 31-12-2017</p> <p>61 gramm 37 x 155mm tailpipe 25mm</p>		
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More information and pictures of the remaining mufflers will follow in a few weeks.

**EFRA Muffler homologation.**

