Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: That the following engine and emission control systems produced by the manufacturer are certified for use in small off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY		DISPLACEMENT (cc)	ENGINE CLASS		FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)			
2016	GHNXS.3892AB		389	4-stroke, ≥ 225 cc		Gasoline			
DURABILITY HOURS			SPECIAL FEATURES		TYPICAL EQUIPMENT APPLICATION				
1000			EM		Walk-Behind Lawnmower, Riding Mower, Compressor, Pump, Generator Set, Tiller				
ENGINE CODES/MODELS (rated power in kilowatt, kW)					See Attachm	ent			
ABBREVIATI	ABBREVIATIONS: EM=engine modification TWC/OC=three-way/oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC O2S=oxygen sensor HO2S=heated O2S								

ABBREVIATIONS: EM=engine modification TWC/OC=three-way/oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC 02S=oxygen sensor H02S=neated 02S EGR=exhaust gas recirculation AIR=secondary air injection PAIR=pulsed AIR MFI=multi port fuel injection SFI=sequential MFI TBI=throttle body fuel injection DFI=direct fuel injection TC/SC=turbo/super charger CAC=charge air cooler 2(prefix)=parallel (2)(suffix)=in series ECM=engine control module

The following are the hydrocarbon plus oxides of nitrogen (HC+NOx), carbon monoxide (CO), and particulate matter (PM) emission standards (Title 13, California Code of Regulations, (13 CCR) Section 2403(b)), and certification emission levels for this engine family in grams per kilowatt-hour (g/kW-hr). Engines within this engine family shall have closed crankcases in conformance with Section 1054.115(a) of the "California Exhaust Emission Standards and Test Procedures for New 2013 and Later Small Off-Road Engines," adopted October 25, 2012.

*=not applicable	HC+NOx (g/kW-hr)	CO (g/kW-hr)	PM (g/kW-hr)
STANDARD	8.0	549	*
FAMILY EMISSION LEVEL	7.8	*	*
CERTIFICATION LEVEL	6.5	389	*

BE IT FURTHER RESOLVED: That the family emission level(s) (FELs), as applicable, is an emission limit declared by the manufacturer for use in the averaging, banking and trading program and in lieu of an emission standard for certification. It serves as the applicable emission standard for determining compliance of any engine within this engine family under 13 CCR Sections 2403(e)(1) and 2407(a).

BE IT FURTHER RESOLVED: That for the listed engines, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2404 (emission control labels) and 13 CCR Sections 2405 and 2406 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

Quarterly reports of engines produced in this engine family for sale in California shall be submitted to the Executive Officer no later than 45 days after the end of each calendar quarter.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

This Executive Order hereby cancels and replaces Executive Order U-U-001-0746 dated June 30, 2015.

Executed at El Monte, California on this _ZZ day of December 2016.

Annette Hebert, Chief Emissions Compliance, Automotive Regulations and Science Division

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Attachment - page 1 of 3 Issued: 4/27/2015

10/28/2016 Revised: E.O. Number: U-U-001-0746-

Small Off-Road Engine Model Summary Form

Units for Table: kw

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	G2MH01B2- C	50-State	.389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
	G2MH0100- B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
1	G2MH0100R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
	G2MH02B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
x	G2MH03G2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	m 2500	EM
	G2MH04G2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	m 2500	EM
(a) the set of depicts	G2MH0500R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	m 2500	EM
	G2MH0600R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.	m 2500	EM
	G2MH0700R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	m 2500	EM
	G2MH08B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	m 2500	EM

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Model Year: Manufacturer:

Honda Motor Co., Ltd. Engine Family: GHNXS.3892AB

2016

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Small Off-Road Engine Model Summary Form

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Model Year: Manufacturer:

2016 Honda Motor Co., Ltd. Engine Family: GHNXS.3892AB

Revised: E.O. Number: 4-4-001-0746-1

Units for Table: kw

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Torque Speed (RPM)	56. Emiss Control Sys
	G2MH09B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
	G2MH1000R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
	G2MH1100R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
	G2MH1200R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
	G2MH13B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
and a second sec	G2MH1300- B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
And a set of the set o	G2MH1400R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
	G2MH1500- B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
	G2MH1500R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
	G2MH16E2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM

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2016 Model Year: Manufacturer:

Honda Motor Co., Ltd. Engine Family: GHNXS.3892AB

Revised: E.O. Number: 4-4-001-0746-1

Small Off-Road Engine Model Summary Form

Units for Table: kw

Worst Case?	47. Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated 1 Torque	55. Forque Speed (RPM)	56. Emiss Control Sys
many of shared as the share	G2MH18B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.m	2500	EM
	G2MH19B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.m	2500	EM
nga mangandigan digan	G2MH20B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.m	2500	EM
and Anna property	G2MH21B2- C	50-State	389	88.0/64.0	10° BTDC	9.0	3600	26.5 N.m	2500	EM
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