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	GHNX	(S.3892AB	389	4-stroke, ≥ 225 cc	Gasoline				
DURABILITY HOURS		SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION				
1000			EM		Walk-Behind Lawnmower, Riding Mower, Compressor, Pump, Generator Set, Tiller				
ENGINE CODES/MODELS (rated power in kilowatt, kW)				See Atta	ichment				

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.

Executed at El Monte, California on this day of June 2015.

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

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Attachment page 1 of 3

Issued: 4/27/2015

Revised:

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

E.O. Number: U-U-C01-0746

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.m	2500	EM
	G2MH0100- B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.n	n 2500	EM
	G2MH0100R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.n	n 2500	EM
	G2MH02B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.n	n 2500	EM
х	G2MH03G2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.n	n 2500	EM
	G2MH04G2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.n	n 2500	EM
	G2MH0500R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.n	n 2500	EM
	G2MH0600R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.n	n 2500	EM
	G2MH0700R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.n	n 2500	EM
	G2MH08B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM

4/27/2015

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Model Year: Manufacturer: Engine Family: GHNXS.3892AB

2016 Honda Motor Co., Ltd.

Attachment page, 2 of 3 Issued: 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
All and an and a set of the set o	G2MH09B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	n 2500	EM
1 20 4	G2MH1000R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	m 2500	EM
	G2MH1100R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.r	m 2500	EM
	G2MH1200R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.I	m 2500	EM
	G2MH13B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.I	m 2500	EM
	G2MH1300- B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.I	m 2500	EM
	G2MH1400R B	50-State	389	88.0/64.0	10° BTDC	8.7	· 3600	26.5 N.	m 2500	EM
period per	G2MH1500- B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.	m 2500	EM
	G2MH1500R B	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.	m 2500	EM
	G2MH16E2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.	m 2500	EM

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4/27/2015

Page: 9 -3

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

Attachment page 3073

E.O. Number: 4-4-001-0746 Small Off-Road Engine Model Summary Form

Revised:

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	Torque Spee	56. d Emiss Control Sys
	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
	G2MH20B2- C	50-State	389	88.0/64.0	10° BTDC	8.7	3600	26.5 N.m	2500	EM
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