⊘ Air Resources Board

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.

YEAR	DDEL ENGINE FAMILY		DISPLACEMENT (cc)	ENGINE CLASS		FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)			
2016	GHNX	S.1631AB	163	4-stroke, >8	-stroke, >80 cc - <225 cc Gasoline				
DURABILITY HOURS			PECIAL FEATURES SION CONTROL SYS	-	TYPICAL EQUIPMENT APPLICATION				
500			EM			Walk-Behind Lawnmower, Compressor, Pump, Pressure Washer, Generator Set, Tiller			
ENGIN CODES/MO (rated pow kilowatt,	DELS ver in				See Attachm	ent			

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	10.0	549	*
FAMILY EMISSION LEVEL	9.9	*	*
CERTIFICATION LEVEL	8.2	382	*

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).

BE IT FURTHER RESOLVED: That the listed engine models are conditionally certified pending the submission of additional confirmatory emissions test data demonstrating compliance with emission standards in all allowable adjustable parameter settings. The manufacturer is required to submit the data by July 5, 2011. Failure to adequately demonstrate compliance by the above specified date shall be cause for the Air Resources Board to revoke this Executive Order. Engines introduced into commerce under the revoked Executive Order shall be deemed uncertified, and the manufacturer may be subject to enforcement actions.

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-001-0736-1 dated October 27, 2015.

Executed at El Monte, California on this

day of December 2016.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

ATTACHMENT - Page 1 of Z Issued: 4/22/201

Page: 9 -1

Model Year: 2016

Manufacturer: Honda Motor Co.,Ltd. Engine Family: GHNXS.1631AB

otor Co.,Ltd.

Revised:

11/29/2016

E.O. Number: U-U-001-0736 ← Z

Small Off-Road Engine Model Summary Form

Units for Table: kw

Worst Case?	Decignation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated Torque	55. Forque Speed (RPM)	56. Emiss Control Sys
X	G1FJ01B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
i a for one	G1FJ02B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
	G1FJ0200R B	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
	G1FJ03B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
	G1FJ04B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
	G1FJ05B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
5 SEC 1986 - WA	G1FJ06B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
pile a marker w	G1FJ07B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
	G1FJ0800R B	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
	G1FJ09B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
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ATTACHMENT - Page 2 of 2 Issued: 4/22/2015

Page: 9 -2

Model Year:

2016

Honda Motor Co.,Ltd.

Revised: Manufacturer: E.O. Number: U- u- 001-0736-2 Engine Family: GHNXS.1631AB

Small Off-Road Engine Model Summary Form

Units for Table: kw

Worst Model Designation	48. Sales Code	49. Displ (cc)	50. Bore/ Stroke	51. Ignition Timing	52. Max Power	53. Rated Speed (RPM)	54. Rated T	55. orque Speed (RPM)	56. Emiss Control Sys
G1FJ10B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
G1FJ11B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
G1FJ12L1-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
G1FJ0100R B	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
G1FJ14B2-C	50-State	163	68.0/45.0	18° BTDC	3.6	3600	10.3 N.m	2500	EM
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