

24/201 CB/1587  
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CD NO.075334342

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
TRANSPORT DEPARTMENT: OPERATION BRANCH  
5/9, UNDER HILL ROAD: DELHI – 110054.

F.22(362)/TPT/OPS/2012 596-99

Dated March 31, 2016

CIRCULAR

The Competent Authority, Transport Department, Government of NCT of Delhi is pleased to allow change in technical specifications registration approval of Hero two-wheelers as per details given below, manufactured by M/s Hero Motocorp Ltd. 69<sup>th</sup> Km Stone, Delhi-Jaipur Highway, Dharuherea-123 110 Dist: Rewari (Haryana) in National Capital Territory of Delhi, contained in the Type Approval Certificate issued by designated testing agency ICAT under Rule 126 of CMV Rule, 1989 for compliance to the Central Motor Vehicles Rules amended up to date.

Changes in the Base Model & Variants		Base Model: Xtreme-Rear Drum Brake (Electric Start) Variant 2 – HUNK-ES REAR DRUM BRAKE (ELECTRIC START) Variant 3 – HUNK-ES REAR DISC BRAKE (ELECTRIC START)		
Type / Category		2-wheeler L-2		
Type Approval Certificate		CAJN 0031 E04 (Extension-4) dated 27.10.2015 issued by ICAT		
Earlier References		CAJN 0031 dated 14.02.2014 CAJN 0031 V01 dated 10.09.2014 CAJN 0031*01 dated 17.09.2014 CAJN 0031*02 dated 14.03.2014		
Nature of change		<b>Applicable on Base &amp; Variants:</b> 1. Addition of:- a. Air Filter Type and Identification b. Exhaust Identification c. Headlamp bulb vendor name	<b>Applicable on Variants 2 &amp; 3</b> 1. Addition of:- a. New engine option b. Max. speed c. Compression ratio d. Max. power 2. Change in weighment (Kerb & GVW) b. Max. Power d. Side Reflex Reflector f. Valve angle	
<b>Change in Specifications</b>				
Sr. No	Specification Clause No.	Description	Parameter (Earlier)	Parameter (New Extension)
5.1	AAB-TA-BS-00-R5 dt. 25.09.2015 & AAB-TA-DS-00-R5 dated 25.09.2015 Clause No.3,2,4,1,3,4,2	Max Design Speed	103	1)103 (Engine Option-01) 2) <b>107 (Engine Option-02)</b>
5.2		Compression ratio	9.1± 0.2:1	1) 9.1± 0.2:1 (Engine Option-01) 2) <b>10.1+ 0.2:1 (Engine Option-02)</b>
5.3		Max.net power of engine on bench	10.6 kW + 5% @8500 rpm	1) 10.6 kW + 5% @8500 rpm (Engine Option-01) 2) <b>11.64 kW + 5% @8500 rpm (Engine Option-02)</b>
5.4		Max net Torque of engine on bench, N m	12.80 N-m @ 6500 rpm	1) 12.80 N-m @ 6500 rpm (Engine Option-01) 2) <b>13.5 N-m @ 7000 rpm (Engine Option-02)</b>

*Handwritten signature/initials*

5.5	Air Filter	Type	Dry paper pleated type	1. Dry paper pleated type 2. <b>Viscous paper pleated type</b>
5.6		Verification	17211-KVN-9000	1. 17211-KVN-9000 2. <b>17211-AAB -1000</b>
5.7	Weights	Kerb Weight	147 Kg.	1. <b>Variant 2: 145</b> 2. <b>Variant 3 147</b>
5.8		GWW	277	1. <b>Variant 2: 275</b> 2. <b>Variant 3 277</b>
5.9	Fuel Feed	Make	M/s Keihin-KFI, India (AVK 6AQ)	1. M/s Keihin-KFI, India (AVK 6AQ) 2. <b>M/s Mikuni (30-234) (Variant 2&amp;3)</b>
5.10	Angles of Valves-Inlet		Opening-10*B.T.D.C. Closing-5*A.T.D.C.	Opening: <b>142.62* B.T.D.C.</b> Closing: <b>16.88* B.T.D.C</b>
5.11	Angles of Valve Exhaust		Opening-215* B.T.D.C. Closing-5*A.T.D.C.	Opening- <b>142.62 B.T.D.C.</b> Closing- <b>16.88 B.T.D.C.</b>
5.12	Exhaust System	Identification Mark	76	"076" or "MA"
5.13	Retro Reflector	Side	-	<b>M/s Unitech ("1220-07-001")</b>
5.14	Head Lamp	Make	M/s Phillips India Ltd.	<b>M/s Lumileds India (P) Ltd.</b>
5.15	Vehicle Diagram		Drawing No.XP-KVN-4079	Drawing No.XP-KVN-4079 <b>Drawing No.XP-150905</b>

The approval is accorded for change in specifications subject to the responsibility of the manufacturer for ensuring the fitment of the same component, parts/ assemblies etc. the details of which are given in the detailed specifications duly endorsed by ICAT, Manesar. Manufacturer should ensure that the vehicle is delivered fully built and no element of local body building is involved. Further, the models and its variants will not be registered unless the manufacturer intimates the Ex-showroom price to the department.

All MLOs/ CMVI (Burari) are requested to accept the changes in technical specifications mentioned above for the Hero Two wheelers – L2, complying with BS-III mass emission standards manufactured by M/s Hero Motocorp Ltd. 69<sup>th</sup> Km Stone, Delhi-Jaipur Highway, Dharuherea-123 110 Dist: Rewari (Haryana), subject to the compliance of provisions of Motor Vehicle Act, 1988 and rules made there under and the department's instructions/order issued from time to time in this regard.

( PRAWIN DESAI )  
MLO (OPERATIONS)

Dated March 31, 2016

F.22(362)/TPT/OPS/2012 596-99

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari )/Programmer, Transport Department
2. M/s Hero Motocorp Ltd. 69<sup>th</sup> Km Stone, Delhi-Jaipur Highway, Dharuherea-123 110 Dist: Rewari (Haryana)
3. SA, Computer Branch, Transport Department to upload on the department's website.
4. Guard file.

( PRAWIN DESAI )  
MLO (OPERATIONS)