

Introducing the Jatco CVT7 (JF015E) for the Nissan Magnite

The Jatco CVT7 (JF015E) is equipped on the new-generation Nissan Magnite that Nissan Motor Co., Ltd. released in India in December 2020. The JF015E is distinguished by wide ratio coverage achieved with its auxiliary transmission and low friction. These features combine with a 1.0L 3-cylinder turbo engine to provide improved driveability, including launch and acceleration performance with excellent response, along with class-leading fuel economy and compliance with India's Bharat Stage VI-1 exhaust emissions standards.

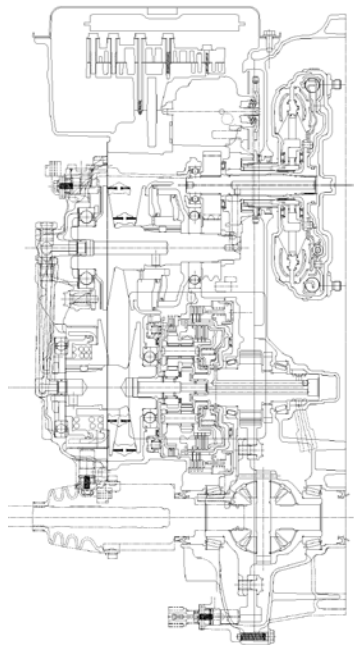


Fig. 1 Main cross-sectional view

Table 1 Specifications of JF015E

Torque capacity	150 Nm	
Torque converter size	205 mm	
Pulley ratios	2.2 - 0.55	
Auxiliary transmission gear ratios	1st	1.821
	2nd	1.000
	Rev.	1.714
Ratio coverage	7.3	
Final gear ratio	3.882	
Number of selector positions	5(P-R-N-D-L)	
Overall length	342.1 mm	
Weight (wet)	67.3 kg	



Nissan Magnite