

Introducing the JR711E 7-speed Automatic Transmission for the Nissan Caravan

The JR711E 7-speed automatic transmission (AT) for rear-wheel-drive vehicles is installed on the Nissan Caravan that was released in Japan by Nissan Motor Co., Ltd. in April 2022, fitted with a new diesel engine (4N16).

Compared with the 5-speed AT used on the Caravan heretofore, the wider ratio coverage obtained with the increased number of gear steps provides both excellent power performance and fuel economy along with contributing to improved quietness during high-speed cruising.

Moreover, the added manual shift mode also ensures pleasing driving performance matching the driver's wishes.

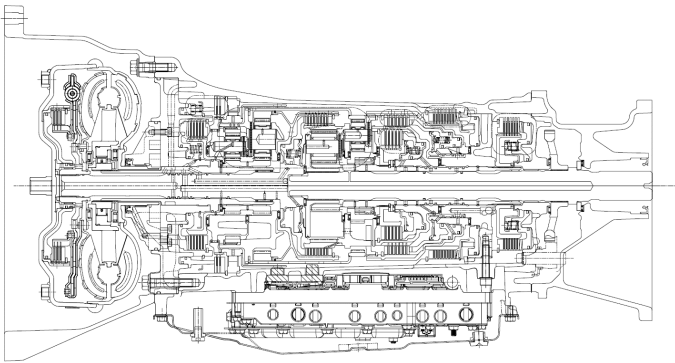


Fig. 1 Main cross-sectional view

Table 1 Specifications of JR711E

Torque capacity	370 Nm	
Torque converter size	260 mm	
Gear ratios	1st	4.886
	2nd	3.169
	3rd	2.027
	4th	1.411
	5th	1.000
	6th	0.864
	7th	0.774
	Rev.	4.041
Ratio coverage	6.31	
Final gear ratio (reference)	3.700	
Selector positions	P, R, N, D + Manual shift	
Overall length	756 mm	
Weight (wet)	101kg	

※2.4L 4WD



Nissan Caravan