

Introducing the Jatco CVT8 (JF016E) for the Nissan Rogue

The Jatco CVT8 (JF016E) is equipped on the new-generation Rogue that Nissan Motor Co., Ltd. released in North America in October 2020 for the 2021 model year. The JF016E incorporates a newly designed control valve that dramatically improves shift response and also further reduces friction. These improvements help to elicit the full performance of the newly developed PR25 engine and contribute to improved power performance, an enhanced feeling of driveability and higher fuel economy. The adoption of shift-by-wire also contributes to improved interior roominess.

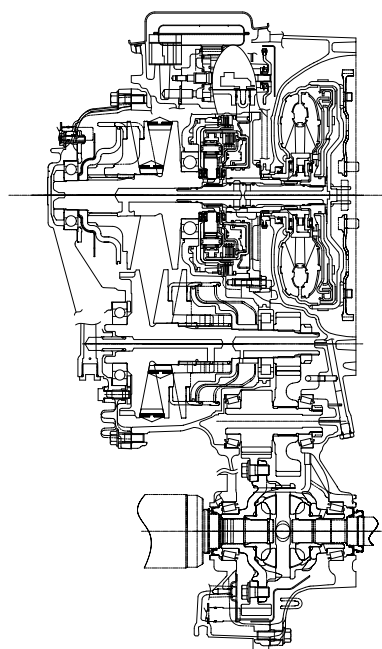


Fig. 1 Main cross-sectional view

Table 1 Specifications of JF016E

Torque capacity	250 Nm
Control system	Electric
Torque converter size	236 mm
Pulley ratios	2.631-0.378
Ratio coverage	7.0
Reverse gear ratio	0.745
Final gear ratio	5.694
Number of selector positions	5(R ← N ← H → N → D/M) + P Button
Overall length	362.3 mm
Weight (wet)	94.0 kg (2WD), 94.8 kg (4WD)



Nissan Rogue