

Introducing the Jatco CVT7 W/R (JF020E) for the Nissan AD and NV200 Vanette

The Jatco CVT7 W/R (JF020E) with 2WD specifications is installed on the Nissan AD and the Nissan NV200 Vanette that Nissan Motor Co., Ltd. released specifically for the Japanese market in May and July 2021, respectively, following the implementation of minor model changes. The CVT7 W/R is distinguished by its wide ratio coverage and low friction. The effects of these features combine with the automatic stop-start system, newly added for the first time to the AD and the NV200 Vanette, to contribute to a significant improvement in vehicle fuel economy. This is the first application of the CVT7 W/R on Japanese commercial vehicles. The planetary gear set was further strengthened to ensure the durability needed for long-distance driving that characterizes commercial vehicles.

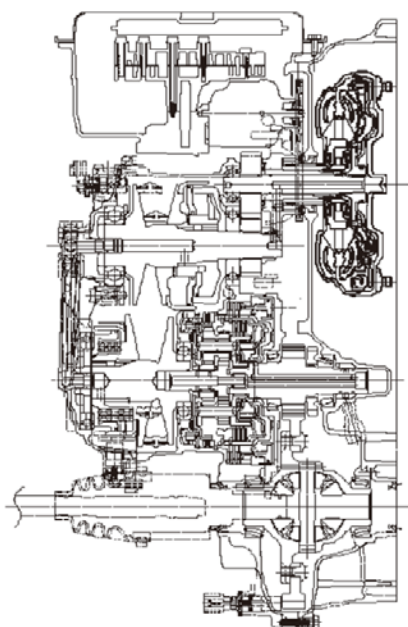


Fig. 1 Main cross-sectional view

Table 1 Specifications of JF020E

| | | |
|------------------------------------|---------------|-------|
| Torque capacity | 147 Nm | |
| Torque converter size | 205 mm | |
| Pulley ratios | 2.200 - 0.458 | |
| Auxiliary transmission gear ratios | 1st | 1.821 |
| | 2nd | 1.000 |
| | Rev. | 1.714 |
| Ratio coverage | 8.7 | |
| Final gear ratio | 4.055 | |
| Selector positions | P, R, N, D, L | |
| Overall length | 376.7 mm | |
| Weight (wet) | 73.4 kg | |



Nissan AD



Nissan NV200 Vanette