

Introducing the Jatco CVT-X(JF022E) for the GMMC Outlander

The Jatco CVT-X (JF022E) is installed on the new generation of the Outlander that GAC Mitsubishi Motors Co., Ltd. (GMMC) launched in the Chinese market in November 2022.

Compared with the all-new Outlander that Mitsubishi Motors Corporation released in North America in 2021, the Chinese specification model is equipped with a 1.5-liter direct-injection turbo engine and a 48V mild hybrid system. The JF022E actively uses the region of good engine efficiency and reliably transmits the torque boost provided by turbocharging to the tires as driving force. Moreover, in addition to the torque assist provided by the mild hybrid system, its improved shifting speed ensures quick acceleration response matching the driver's operation of the accelerator pedal.

The shift mechanism of the JF022E has been specifically tuned for the first time to match Mitsubishi Group vehicles, and its mechanical friction has been thoroughly reduced. These features enable the JF022E to contribute to both high power output and excellent fuel economy, qualities that are highly acclaimed by customers.

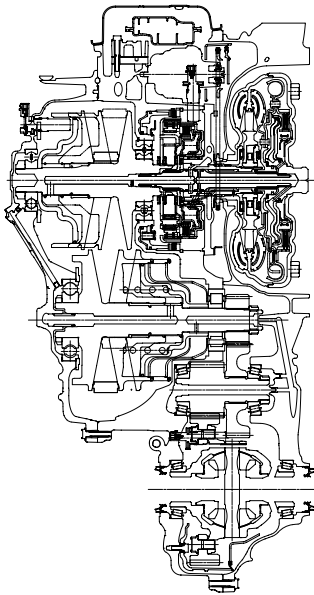


Fig. 1 Main cross-sectional view

Table 1 Specifications of JF022E

Torque capacity	280 Nm
Torque converter size	230 mm
Pulley ratios	2.870 - 0.361
Ratio coverage	8.0
Reverse gear ratio	0.745
Final gear ratio	6.036
Selector positions	R←N←H→N→D/M (Paddle shift only) + P button
Overall length	392.5 mm
Weight (wet)	103.0kg (2WD) / 103.8kg (4WD)



GAC Mitsubishi Outlander