

Turboglide



DESCRIPTION

The Turboglide is a Chevrolet three-speed automatic transmission that made its debut as an optional transmission on Chevrolet V8 passenger cars for 1957. It consisted of a concurrently geared (as opposed to sequentially) planetary gearbox with a 'switch pitch' dual pitch torque converter stator.

The Chevrolet Turboglide was modeled along the lines of the Buick Dynaflow transmission, and operated very similarly to the Buick transmission. Using a five element torque converter, (pump, individual turbines for low, intermediate and direct ranges, and a switch pitch stator) the Turboglide offered the smoothest operation of any automatic in the industry, as no 'shift' occurred between ranges and hence there was no potential to create a disruption in the perfectly smooth flow of power. For extra 'getaway' power at any road speed, the converter stator vanes could be directed to a steeper angle which raised the stall speed of the torque converter and increased torque multiplication, as well as directing the oil flow at the turbine for the next lowest range.

FEATURES

Has ribbed aluminium casing with integral bell housing and has 12 bolts in oil pan.
Has modulator which screws vertically into area above oil pan.
The selector positions are Park, Reverse, Neutral, Drive, Grade Retarder- P R N D Gr



VEHICLE FITMENT

. Chevrolet 1957-61

TYPICAL UNIT

