Automatic Transmission/Transaxle Principles
Chapter 127

ACROSS

4 The held member of a planetary gear set is known as the

6 A torque converter also contains the _______ which is a reaction member mounted on a one-way clutch.

7 The ________ is the driving member and rotates with the engine, and is located on the transmission side of the converter.

8 The ________ is located on the engine side of the converter.

10 The ________ gets its name from its position at the center of the gear set.

14 Instead of using three or more gears, a ____ uses two variable width pulleys to change the gear ratio.

16 ______ _____ is when the speed ratio is 90° or more, fluid flow in the torque converter is mostly rotary flow and the angle of flow from turbine to stator increases.

17 ______ _____ is created by the rotation of the torque converter and causes the oil to flow around the circumference of the torque converter.

18 The ______ ______ holds the pinion gears which revolve around the sun gear.

DOWN

1 One of the most popular planetary designs is the _______ _______

2 ______ _____ is the flow of the fluid from the impeller to the turbine and back to the impeller.

3 The drive member of a planetary gear set is known as the ________

5 Lockup torque converters reduce slippage by using a ______ ______ to lock the impeller to the cover.

9 The ________ ______ is constructed by connecting a planetary gear set in front of a Ravigneaux gear set.

11 The _______ ______ provides four forward gears as well as neutral and reverse.

12 The driven member of a planetary gear set is known as the ________

13 The outermost member of the gear set is the ________, the internal type with teeth inside.

15 ______ is the engine speed when the engine drives the impeller at the maximum speed possible without moving the turbine.

16 The slight movement of the vehicle when the engine is at idle speed and the brakes are released is called ______.