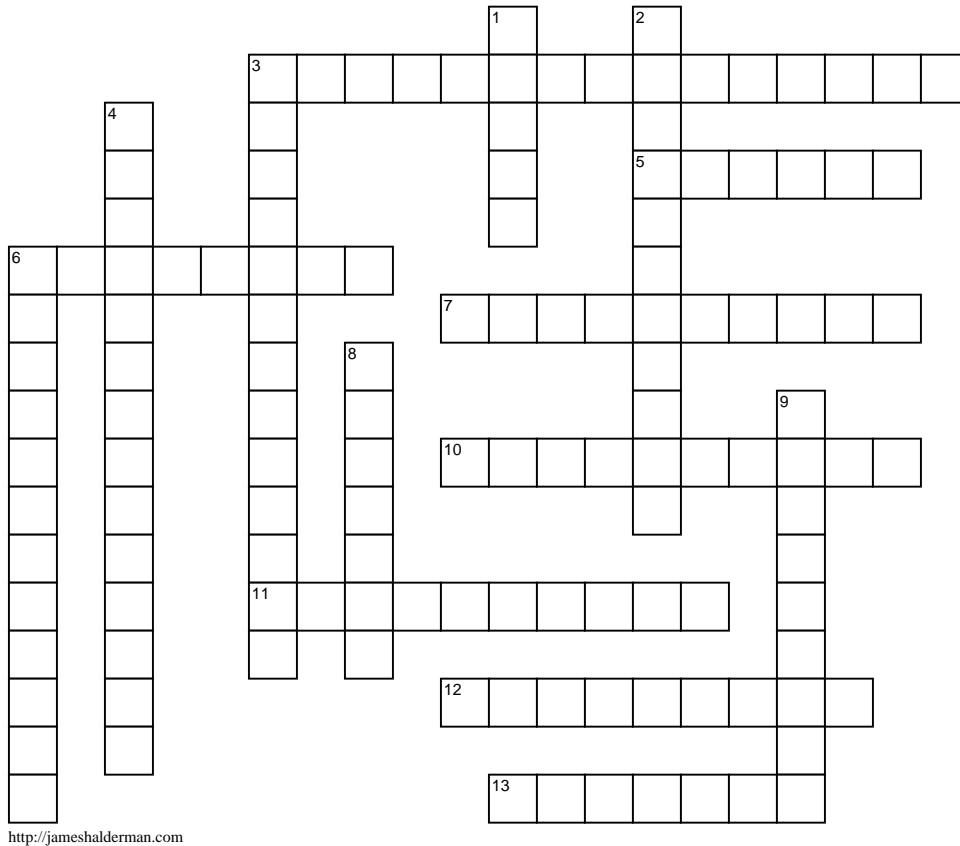


Torque Converters

Chapter 6



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ACROSS

- 3 The torque _____ (TCC) is applied to eliminate the slippage during the coupling phase, which improves fuel economy.
- 5 A torque converter also contains the _____, or reactor, which is mounted on a one-way clutch.
- 6 The _____ is the driving member and rotates with the engine, and is located on the transmission side of the converter.
- 7 The clockwise flow of fluid leaving the impeller, in the direction of engine rotation, is called _____.
- 10 The _____ is a continuous circulation of fluid outward from the impeller, around the guide ring, inward into the turbine, through the stator, and back into the impeller.
- 11 _____ is the fastest RPM that an engine can reach while the turbine is held stationary.
- 12 _____ springs are used to dampen torsional vibrations from the engine.
- 13 The _____ is located on the engine side of the converter.

DOWN

- 1 The slight movement of the vehicle when the engine is at idle speed and the brakes are released, is called _____.
- 2 The torque converter must be _____ to test for a leak.
- 3 The _____ occurs when the speeds of the impeller and turbine are nearly equal. Centrifugal force acting on the fluid in the spinning turbine is high enough to stop the vortex flow.
- 4 Clutch discs include a _____ that transfers the power through a group of coil springs.
- 6 Torque converter _____ should be checked twice, first with the turbine and stator toward the front and a second time with these toward the rear.
- 8 _____ is normally measured using a dial indicator.
- 9 The torque converter is bolted to a thin metal disc called a _____.