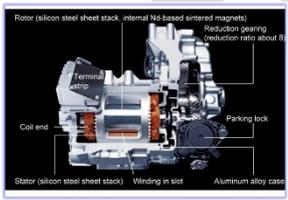
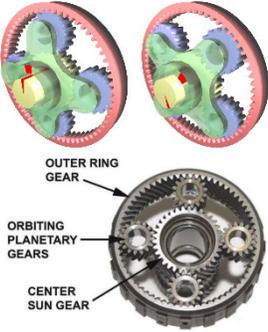


## Vehicle Electrification System Standards

### VI. Electric Transmissions and Drive Units

#### VI.a Acronyms and Definitions

Image	Name	Acronym	Definition
	Compound Planetary Gear Set		
	Differential		
 	Drive Unit	DU	A unit containing an electric machine and a fixed gear reduction unit used that typically does not include hydraulic clutches.

 <p>Car Reversing Clutch Automatic Transmission Drum Assembly</p>	<p>Hydraulic Clutch</p>		<p>Hydraulic clutches use incompressible fluids such as oil to transfer input movement from one transmission gear member to another.</p>
 <p>OUTER RING GEAR ORBITING PLANETARY GEARS CENTER SUN GEAR</p>	<p>Planetary Gear Set</p>		<p>An epicyclic gear train (also known as planetary gear) consists of two gears mounted so that the center of one gear revolves around the center of the other. A carrier connects the centers of the two gears and rotates to carry one gear, called the planet gear or planet pinion, around the other, called the sun gear or sun wheel. The planet and sun gears mesh so that their pitch circles roll without slip. A point on the pitch circle of the planet gear traces an epicycloid curve. In this simplified case, the sun gear is at the center (sun gear) and the planetary gear(s) rotate and revolve around the sun gear.</p>
	<p>Transmission</p>		<p>A transmission is a machine in a power transmission system, which provides controlled application of the power. The term transmission refers simply to the gearbox that uses gears and gear trains to provide speed and torque conversions from a rotating power source to another device.</p>
<p>Transaxle</p>			

To comment or offer suggestions on this standard, contact Ken Mays:

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