








## Vehicle Rating And Guideline Checks - Standard

<b>!</b> Section Score - C		
<b>V21</b>		<b>1st Range Converter Stall Gradeability</b>
Overall Status	Reference	
Actual	27.99 %	
<b>V13</b>		<b>1st Range 70% Converter Efficiency Gradeability</b>
Overall Status	Reference	
Actual	19.73 %	
<b>V14</b>	<b>!</b>	<b>1st Range 80% Converter Efficiency Gradeability</b>
Overall Status	C: Consider - manufacturer to assess	
Rating/Recommendation	18.00 % (Min)	
Actual	17.21 %	
Notes	Customer is responsible for determining acceptability between 15 - 18 Gradeability.	
<b>V17</b>		<b>Maximum Geared Vehicle Speed at Engine Governed Speed</b>
Overall Status	Reference	
Actual	162.2 km/h	
Notes	Check is in 6L Lockup.	
<b>V18</b>		<b>Maximum Speed on 0.5% Grade</b>
Overall Status	OK: Acceptable	
Rating/Recommendation	104.6 km/h (Min)	
Actual	110.9 km/h	
Notes	At 1478.7 rpm Engine Speed, Range 5L.	
<b>V20</b>		<b>Acceleration Rate Check</b>
Overall Status	OK: Acceptable	
Rating/Recommendation	2.01 kg/N-m (Min)	
Actual	5.16 kg/N-m	
Notes	(Vehicle Weight / Driveline Reduction Ratio / Max Net Input Torque). If < Recomm/Rating indicates Vehicle Susceptible to Shift Stacking.	
<b>V43</b>		<b>Heat Generated in 1st Range 70% Converter Efficiency</b>
Overall Status	Reference	
Actual	73.05 kW	
Notes	At 1528.5 rpm Engine Speed.	
<b>V44</b>		<b>Heat Generated in 1st Range 80% Converter Efficiency</b>
Overall Status	Reference	
Actual	52.00 kW	
Notes	At 1596.2 rpm Engine Speed.	