

## DTP-03 Approved Durability Test Procedure

This durability test procedure has been approved by ARB in accordance with section 4.2 of TP-933 – *Test Procedure for Determining Evaporative Emissions from Off-Highway Recreational Vehicles*, and may be used by any applicant to comply with the requirements of that section.

Item	Condition	Reference	Criteria
UV	>0.4w-h/m <sup>2</sup> /min. Total time: >450hr	40CFR Part1051.515 (d) Durability testing (2) UV exposure	No leakage occurs until +13.8kPa or -3.5kPa
Vibration	4.5 x 9.8 m/sec <sup>2</sup> at 60 Hz 10,000,000 cycles for each axis (left-right, forward-back)	CARB TP-933 4.1.2 Canister Vibration	No leakage when tested at 30 kPa for 1 minute. Deformation or cracks are not acceptable upon visual inspection.
Ozone	500 ppb +/- 5 ppb at 30 deg C Total time: = 120 hr	TP-1503 Section 5.2.5	No leakage when tested at 30 kPa for 1 minute. Deformation or cracks are not acceptable upon visual inspection.
Dust	JIS Z 8901 Class 8 > or = 100 ug/m <sup>3</sup> Total cycle: 300 time (open/close) PRV connected to canister and filter	TP-1503 Section 5.2.4	No leakage when tested at 30 kPa for 1 minute. Deformation or cracks are not acceptable upon visual inspection.