

Approved Durability Test Procedure DTP-1

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 9.8m/sec at 60Hz Total: 10,000,000 cycles	CARB TP-933 4.1.2 Canister Vibration	No leakage occurs until +13.8kPa or -3.5kPa and It is capable of loosening the cap with a force of 1.1~2.0Nm
Ozone	40 +-2deg.C 50 +-5pphm 20% stretched on Total: 200hr (+-1hr)	ISO 1431 Rubber, vulcanized or thermoplastic -- Resistance to ozone cracking	No peeling and wear occurs to the surface and No leakage occurs until +13.8kPa or -3.5kPa
Dust	JIS D 0207 F-1 Total:2000time Open/Close	JIS D 0207 F-1 JIS Z 8901 #8 TP-933 Section6.4.1 [3day DBL]	No leakage occurs until +13.8kPa or -3.5kPa