

NAME P/N QTY	FUNCTION	FAILURE MODE & CAUSES	MISSION PHASE	FAILURE EFFECT	FAILURE DETECTION FLIGHT/GROUND	TIME TO EFFECT/ ACTIONS	CRIT	REMARKS/ HAZARD	REF
Switch Assembly D10G-211541 -01 (1)	Provides crewmember manual on/off control.	106FM27; Switch short. CAUSE: Short in switch, wiring or connector. Degraded insulation or contamination.	EVA	END ITEM: Loss of electrical power to thermofoil heaters and exces- sive current draw. GFE INTERFACE: Loss of active heating in the glove fingertip area and excessive current draw. MISSION: None with switch short. None with subsequent fuse failure to open. None with additional failure of one thermostat. CREW/VEHICLE: None with short in switch. None with subsequent failure of fuse to open and additional failure of one thermostat. Loss of crewman with loss of second ther- mostat causing battery self heating and cell rupture or explosion.	FLIGHT: Tactile. GROUND: Yes. Continuity Check.	None. TIME AVAILABLE: N/A TIME REQUIRED: N/A	3/1R A - Pass B - Pass C - Pass	A 1.5 amp fuse is provided to preclude current overload. Two redundant thermostats are provided to preclude over temp conditions of battery.	