

# JayGee Racing Linear 200 Circuit Protection Test Script

Test #	Controller Wiring			Test Conditions			Results		Pass/Fail
	White Post	Black Post	Red Post	Track Power On/Race Start	Trigger Position Brake/Partial/Full	Car On/Off	Expected	Actual	
A1	White	Black	Red	On	Brake	Off	Normal operation	Normal operation	Pass
A2	White	Black	Red	On	Partial	Off	Normal operation	Normal operation	Pass
A3	White	Black	Red	On	Full	Off	Normal operation	Normal operation	Pass
A4	White	Black	Red	On	Brake	On	Normal operation	Normal operation	Pass
A5	White	Black	Red	On	Partial	On	Normal operation	Normal operation	Pass
A6	White	Black	Red	On	Full	On	Normal operation	Normal operation	Pass
A7	White	Black	Red	Race Start	Brake	On	Normal operation	Normal operation	Pass
A8	White	Black	Red	Race Start	Partial	On	Normal operation	Normal operation	Pass
A9	White	Black	Red	Race Start	Full	On	Normal operation	Normal operation	Pass
B1	White	Red	Black	On	Brake	Off	No action	No action	Pass
B2	White	Red	Black	On	Partial	Off	Power transistor heats up	Power transistor heats up	Pass
B3	White	Red	Black	On	Full	Off	Track power overload	Track power overload	Pass
B4	White	Red	Black	On	Brake	On	No action	No action	Pass
B5	White	Red	Black	On	Partial	On	Power transistor heats up	Power transistor heats up	Pass
B6	White	Red	Black	On	Full	On	Track power overload	Track power overload	Pass
B7	White	Red	Black	Race Start	Brake	On	No action	No action	Pass
B8	White	Red	Black	Race Start	Partial	On	Power transistor heats up	Power transistor heats up	Pass
B9	White	Red	Black	Race Start	Full	On	Track power overload	Track power overload	Pass
C1	Red	White	Black	On	Brake	Off	No action	No action	Pass
C2	Red	White	Black	On	Partial	Off	No action	No action	Pass
C3	Red	White	Black	On	Full	Off	No action	No action	Pass
C4	Red	White	Black	On	Brake	On	No action	No action	Pass
C5	Red	White	Black	On	Partial	On	No action	No action	Pass
C6	Red	White	Black	On	Full	On	No action	No action	Pass
C7	Red	White	Black	Race Start	Brake	On	No action	No action	Pass
C8	Red	White	Black	Race Start	Partial	On	No action	No action	Pass
C9	Red	White	Black	Race Start	Full	On	No action	No action	Pass
D1	Red	Black	White	On	Brake	Off	No action	No action	Pass
D2	Red	Black	White	On	Partial	Off	No action	No action	Pass
D3	Red	Black	White	On	Full	Off	No action	No action	Pass
D4	Red	Black	White	On	Brake	On	No action	No action	Pass
D5	Red	Black	White	On	Partial	On	No action	No action	Pass
D6	Red	Black	White	On	Full	On	No action	No action	Pass
D7	Red	Black	White	Race Start	Brake	On	No action	No action	Pass
D8	Red	Black	White	Race Start	Partial	On	No action	No action	Pass
D9	Red	Black	White	Race Start	Full	On	No action	No action	Pass
E1	Black	White	Red	On	Brake	Off	No action	No action	Pass
E2	Black	White	Red	On	Partial	Off	No action	No action	Pass
E3	Black	White	Red	On	Full	Off	No action	No action	Pass
E4	Black	White	Red	On	Brake	On	Run away car	Run away car	Pass
E5	Black	White	Red	On	Partial	On	Run away car	Run away car	Pass
E6	Black	White	Red	On	Full	On	Run away car	Run away car	Pass
E7	Black	White	Red	Race Start	Brake	On	Run away car	Run away car	Pass
E8	Black	White	Red	Race Start	Partial	On	Run away car	Run away car	Pass
E9	Black	White	Red	Race Start	Full	On	Run away car	Run away car	Pass
F1	Black	White	NC	On	Brake	Off	No action	No action	Pass
F2	Black	White	NC	On	Partial	Off	No action	No action	Pass
F3	Black	White	NC	On	Full	Off	No action	No action	Pass
F4	Black	White	NC	On	Brake	On	Run away car	Run away car	Pass
F5	Black	White	NC	On	Partial	On	Run away car	Run away car	Pass
F6	Black	White	NC	On	Full	On	Run away car	Run away car	Pass
F7	Black	White	NC	Race Start	Brake	On	Run away car	Run away car	Pass
F8	Black	White	NC	Race Start	Partial	On	Run away car	Run away car	Pass
F9	Black	White	NC	Race Start	Full	On	Run away car	Run away car	Pass
G1	Black	Red	White	On	Brake	Off	Blown throttle fuse	Blown throttle fuse	Pass
G2	Black	Red	White	On	Partial	Off	Blown throttle fuse	Blown throttle fuse	Pass
G3	Black	Red	White	On	Full	Off	Blown throttle fuse	Blown throttle fuse	Pass
G4	Black	Red	White	On	Brake	On	Blown throttle fuse	Blown throttle fuse	Pass
G5	Black	Red	White	On	Partial	On	Blown throttle fuse	Blown throttle fuse	Pass
G6	Black	Red	White	On	Full	On	Blown throttle fuse	Blown throttle fuse	Pass
G7	Black	Red	White	Race Start	Brake	On	Blown throttle fuse	Blown throttle fuse	Pass
G8	Black	Red	White	Race Start	Partial	On	Blown throttle fuse	Blown throttle fuse	Pass
G9	Black	Red	White	Race Start	Full	On	Blown throttle fuse	Blown throttle fuse	Pass