

Humphrey GT-R Infinity Box 3-CELL SYSTEM ASSIGNMENTS Ver 10.7 for Race Car Replicas GT-R

FUNCTION	→	MASTERCELL					→	FRONT OUTPUT	POWERCELL						PERSONALITY	COMMENT
		CONNECTOR	Infinity Box SWITCH INPUT	MY*** SWITCH INPUT	SL-C WIRE COLOR	AWG			POWERCELL ADDRESS	CONNECTOR	OUTPUT	FUSE (AMPS)	WIRE COLOR	AWG		
LEFT TURN-SIGNAL	→	A	11	6	YELLOW-BLACK	22	→	FR LT TURN-SIGNAL/ HAZARD	1	B	1	5	BROWN	14	1-FILAMENT TURN	FOG LIGHTS to be controlled by dash mounted switch. Please add input A15 (Yellow Green) for Mastercell to control output B4 (Lt-Blue) from Powercell 1.
RIGHT TURN-SIGNAL	→	A	12	22	YELLOW-RED	22	→	FR RT TURN-SIGNAL/ HAZARD	1	B	2	5	VIOLET	14	1-FILAMENT TURN	
ONE-BUTTON START	→	A	19	10	TAN-YELLOW	22	→	INSTRUMENT PWR WIPER PWR/INT LTS	1	B	3	25	LIGHT-GREEN	14	WITH OBS/ IGN	
FOG LIGHTS	→	A	15	8	CAVITY 8 YELLOW-GREEN	22	→	FOG LIGHTS FOG LIGHT IND	1	B	4	20	LIGHT-BLUE	14	TRACK	
HEADLIGHTS - LOW	→	A	5	3	WHITE-GREEN	22	→	HEADLIGHTS - LOW	1	B	5	20	WHITE	14	TRACK	
PARKING LIGHTS	→	A	6	19	BLUE-BLACK	22	→	PARKING LIGHTS INSTRUMENT LIGHTS	1	A	6	10	YELLOW	14	TRACK	
HEADLIGHTS - HIGH	→	A	7	4	BLUE-RED	22	→	HEADLIGHTS - HIGH HIGH BEAM IND	1	A	7	20	BLUE	14	TRACK	
HORN	→	A	2	17	WHITE-RED	22	→	HORN	1	A	8	10	GREEN	14	TRACK	
FAN 1	→	A	9	5	BLUE-YELLOW	22	→	FAN 1	1	A	9	25	ORANGE	14	TRACK	
FAN 2	→	A	10	21	BLUE-GREEN	22	→	FAN 2	1	A	10	25	TAN	14	TRACK	FAN 2 is also controlled by the FAST XFI module. Please add input A10 (Blue-Green) for Mastercell to control output A10 (Tan) from Powercell 1.
BRAKE LIGHTS	→	A	14	23	YELLOW-ORANGE	22	→									
4-WAY FLASHERS (HAZARD)	→	A	13	7	YELLOW-BLUE	22	→									
Number of Wires that Fit into F6 Split Braid Cover								REAR OUTPUT	POWERCELL						PERSONALITY	COMMENT
									POWERCELL ADDRESS	CONNECTOR	OUTPUT	FUSE (AMPS)	WIRE COLOR	AWG		
F6 Split Braid	→	1/4	3/8	1/2			→	RR LT TURN-SIGNAL BRAKE/HAZARD	2	B	1	10	BROWN	14	1-FILAMENT TURN	
(inches)		(0.250)	(0.375)	(0.500)			→	RR RT TURN-SIGNAL BRAKE/HAZARD	2	B	2	10	VIOLET	14	1-FILAMENT TURN	
18 AWG Min. (GXL) 0.086	5	13	24				→	PARKING LIGHTS	2	B	3	10	LIGHT-GREEN	14	TRACK	
18 AWG Min. (GXL) 0.100	4	9	17				→	BACKUP LIGHTS FUEL SENDER/RELAY	2	B	4-CAVITY E	10	LIGHT-BLUE	14	WITH OBS/ IGN*	Need separate output backup lights, fuel sender, fuel pump relays. Please add IGN trigger to control output B4 (Light-Blue) for Powercell 2. Block with Security is ON
14 AWG Min. (GXL) 0.111	3	8	14				→	STARTER	2	B	5	20	WHITE	14	WITH OBS/ START*	
14 AWG Min. (GXL) 0.115	3	7	13				→	IGNITION FAST XFI, XIM, VTC	2	A	6	25	YELLOW	14	WITH OBS/ IGN*	
							→	ALTERNATOR FEED	2	A	7-CAVITY E	20	BLUE	14	WITH OBS/ IGN	Need separate output for alternator. Please add IGN trigger to control output A7 (Tan) for Powercell 2.
OIL COOLER SWITCH	→	A	17	9	CAVITY 9 TAN-RED	22	→	OIL COOLER FAN	2	A	8-CAVITY D	20	GREEN	14	TRACK	
REAR CLAMSHELL LIGHTING	→	A	18	25	CAVITY 25 TAN-BLUE	22	→	REAR CLAMSHELL LIGHTING	2	A	9-CAVITY C	5	ORANGE	14	TRACK	
A/C CLUTCH	→	A	1	1	WHITE-BLACK	22	→	A/C CLUTCH	2	A	10	15	TAN	14	TRACK	
* Blocked when security is ON																