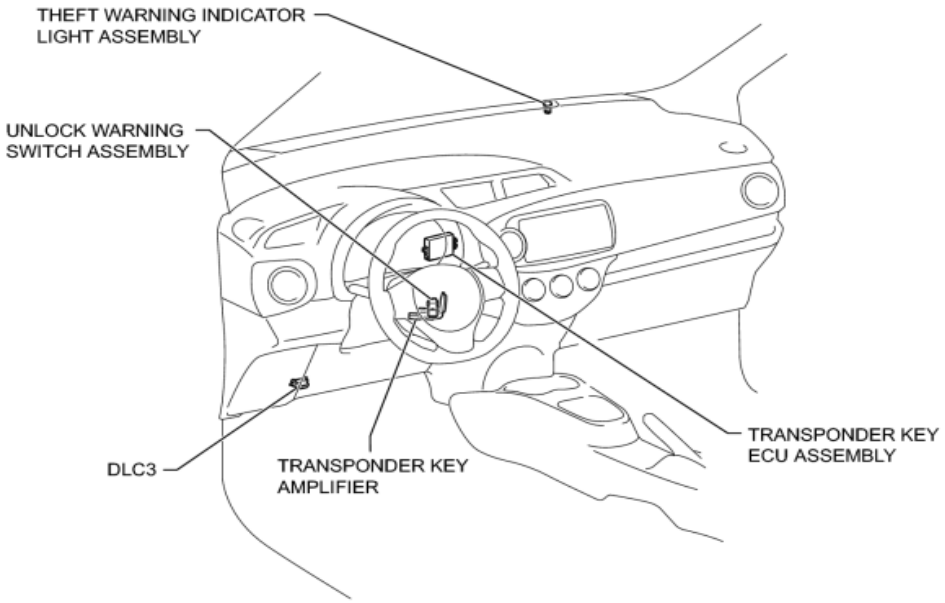
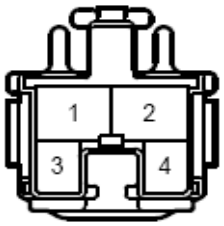
2012 Yaris Alarm/Remote Start/Keyless Entry Wiring

Function	Connector	Pin #	Wire Color	Location	Notes
Ground					
Constant +12V	D109	5	White	Ignition Switch Connetor	
Ignition Switched +12V	D109	6	Pink	Key Switch Connector	
Starter	D109	7	Green	Ignition Switch Connetor	
Accessory	D109	2	Light Blue	Key Switch Connector	
Ignition 1	D109	1	Sky Blue	Key Switch Connector	
Ignition 2	D109	6	Pink	Key Switch Connector	
Key Detection	D143	17	Yellow	Main Body ECU	0V when key in Ignition
Horn	3C	19	Light Green	Main Body ECU	Ground to turn on
Headlight	3C	18	Violet	Main Body ECU	Ground to turn on
Parking Lights	D143	30	Sky Blue	Main Body ECU	Ground to turn on
Dome Light	3B	6	Black	Main Body ECU	Ground to turn on
Tach Signal	D102	9	Light Green	OBDII Connector	
Brake Switch	A65	1	Green	Brake Pedal Switch Connector	
Emergency Brake Switch	3A	28	Red	Main Body ECU	0V when eBrake on
Defroster	D129	2	Black	Heater control switch	Ground to turn on Defroster
Reverse Switch	3C	33	Red	Main Body ECU	
Door Lock Output	D143	9	Violet	Main Body ECU	Ground to Lock
Door Unlock Output	D143	10	Beige	Main Body ECU	Ground to Unlock
Transponder Key Bypass					
IMO	D139	12	Light Greed	Transponder Key ECU	
IMI	D139	13	Red	Transponder Key ECU	
Hood Pin Switch	D144	5	Grey	Main Body ECU	
Left Front Door Switch	3D	36	Light Blue	Main Body ECU	
Right Front Door Switch	D143	19	Yellow	Main Body ECU	
Left Rear Door Switch	D143	6	Green	Main Body ECU	Rear doors are connected
Right Rear Door Switch	D143	6	Green	Main Body ECU	Rear doors are connected
Hatch Door Switch	3D	35	Black	Main Body ECU	



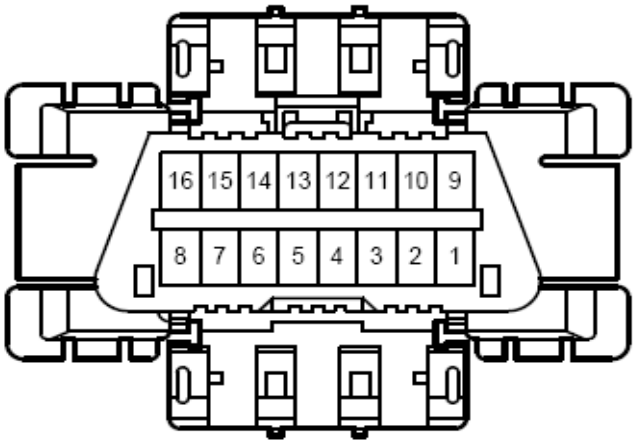
A 65

White



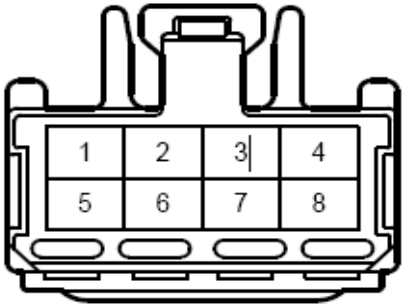
D102

White



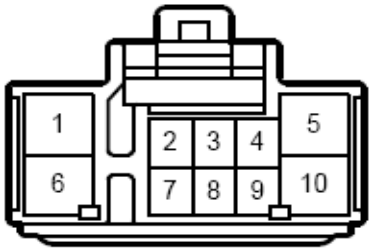
D109

White



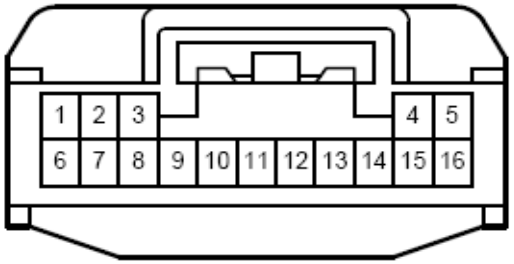
D129

White



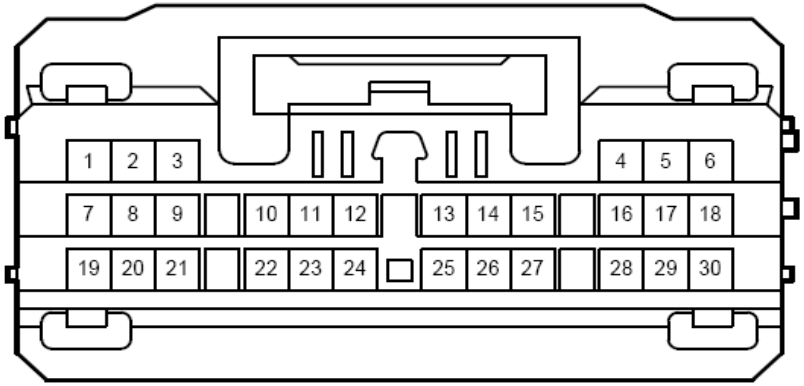
D139

Black



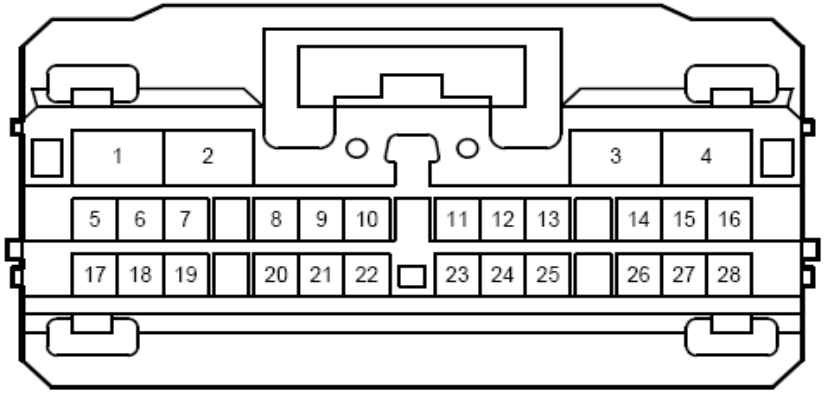
D143

White

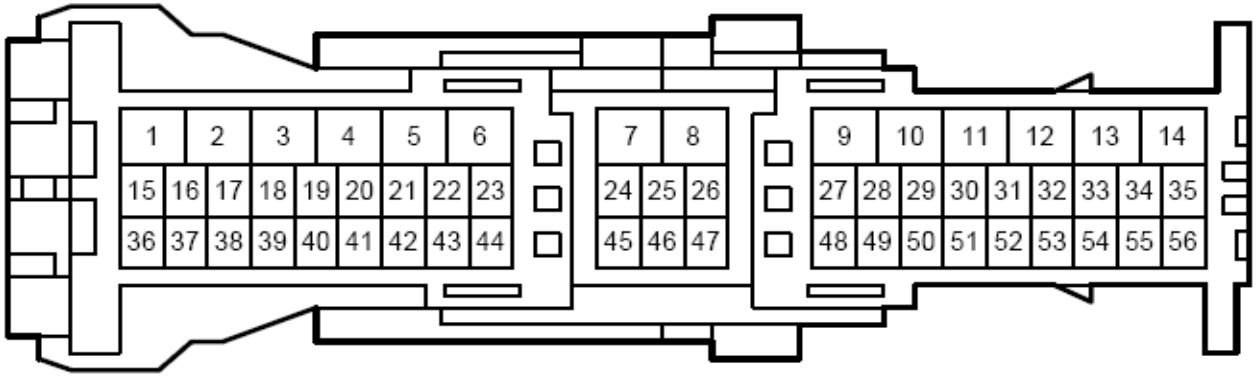


D144

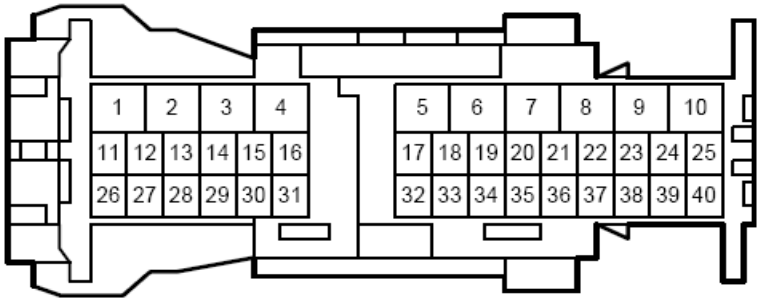
White



3A
White



3B
White



3C
White

