



Viper 550 ESP Connections to 1990 Infiniti Q45

<u>Viper Output/Input</u>	<u>Viper Color Code</u>	<u>Q45 Input/Output</u>	<u>Q45 Color Code</u>	<u>Connection Location</u>
PRIMARY HARNESS (H1) 12-PIN CONNECTOR				
1 (-) 500 mA Armed Output (Starter Kill)	Orange (To Relay)	Starter Wire(Cut, Insert Relay)	Black/Green Stripe	Ignition Switch Harness
2 (+/-) Selectable Light Flash Output	White	Ash Tray Light	Red/Blue Stripe	Ash Tray Harness
3 (-) Remote Start Activation Input	White/Blue	Not Used	-	-
4 (-) 200 mA Domelight Supervision Output	Black/White	Not Used	-	-
5 (-) Door Trigger Input, Zone 3	Green	Door Sense Wire	Green/Yellow Stripe	Pin 5 OEM Alarm Harness
6 (-) Multiplexed Input, Zone 4	Blue	Not Used	-	-
7 (+) Door Trigger Input, Zone 3	Violet	Not Used	-	-
8 (-) Chassis Ground Input	Black	Chassis Bolt or Screw	N/A	-
9 Unused	N/A	Not Used	-	-
10 (+) Siren Output	Brown	OEM Alarm Hrn. Relay Output (Diode protected)	Green/Yellow	Horn Relay Harness
11 (+) Constant B+ Input	Red	B+ Constant Wire	White/Red Stripe	Ignition Switch Harness
12 (-) 200 mA Channel 2 Validity Output	Red/White	Trunk Solenoid Via Relay	Purple	Bypass Switch (Glove Box)
SECONDARY HARNESS (H2) 3-PIN CONNECTOR				
1 (-) Wait-to-start Input	Gray/Black	Not Used	-	-
2 (-) Factory Disarm/Special Accessory Output	Light Green/Black	Not Used	-	-
3 (-) Selectable Channel 4 Output	Violet/Black	Not Used	-	-
REMOTE START PRIMARY HARNESS, 5-PIN CONNECTOR				
1 (+) Constant B+	Red	Plugs in to 550 ESP	Output to Satellite Relay Cluster	
2 (+) Ignition Input to Alarm	Yellow	Plugs in to 550 ESP	Output to Satellite Relay Cluster	
3 (-) 200 mA Ignition Relay Coil	Pink	Plugs in to 550 ESP	Output to Satellite Relay Cluster	
4 (-) 200 mA Accessory Relay Coil	Orange	Plugs in to 550 ESP	Output to Satellite Relay Cluster	
5 (-) 200 mA Starter Relay Coil	Purple	Plugs in to 550 ESP	Output to Satellite Relay Cluster	

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HEAVY GAUGE RELAY SATELLITE KEY SWITCH INTERFACE				
1 (+) High Current B+ Input	Red	B+ Constant Wire	White/Red Stripe	Ignition Switch Harness
2 (+) High Current B+ Input	Red	B+ Constant Wire	White/Red Stripe	Ignition Switch Harness
3 (+) Output to Primary Ignition Circuit	Pink	B+ "ON" Wire	Black/White Stripe	Ignition Switch Harness
4 (+) Output to Accessory Circuit	Orange	B+ Accessory Wire	Blue	Ignition Switch Harness
5 (+) Output to Starter Circuit	Purple	Starter Wire, Below Kill Relay	Black/Green Stripe	Ignition Switch Harness
6 (+) Output to Second Ignition Circuit	Pink/White	Not Used	-	-

REMOTE START SECONDARY HARNESS (H3) 6-PIN CONNECTOR

1 (-) 200 mA Status/Factory Re-Arm Output	Blue	Not Used	-	-
2 (-) 200 mA Optional Third Ignition Output	Blue/Black	Connect to Orange Wire of Harness H1 for anti-grind protection		
3 (-) Hood Pinswitch Input, Zone 1	Gray	Hood Switch Wire	Black/Pink Stripe	Pin 15 OEM Alarm Harness
4 (+) Brake Shutdown Wire	Brown	Brake Pedal Switch Output	Red/Green Stripe	Brake Pedal Sw. Harness
5 A/C Tachometer Sense Input	Violet/White	Tachometer Wire	Blue/Green Stripe	Instrument Cluster Harness
6 (-) Neutral Safety Switch Input	Black/White	Chassis Ground	-	Chassis

DOOR LOCK HARNESS (H4) WIRE CONNECTION GUIDE

1 (-) Lock, (+) Unlock Output	Green	Lock Wire	Pink/Black Stripe	Lock Timer Harness
	Red (Diode protected)	Arm Wire	Yellow	OEM Antitheft Module
2 Not Used Unless Using 451M	N/A	Not Used	-	-
3 (-) Unlock, (+) Lock Output	Blue	Unlock Wire	Orange/Blue Stripe	Lock Timer Harness
	Black (Diode protected)	Disarm Wire	Blue	OEM Antitheft Module