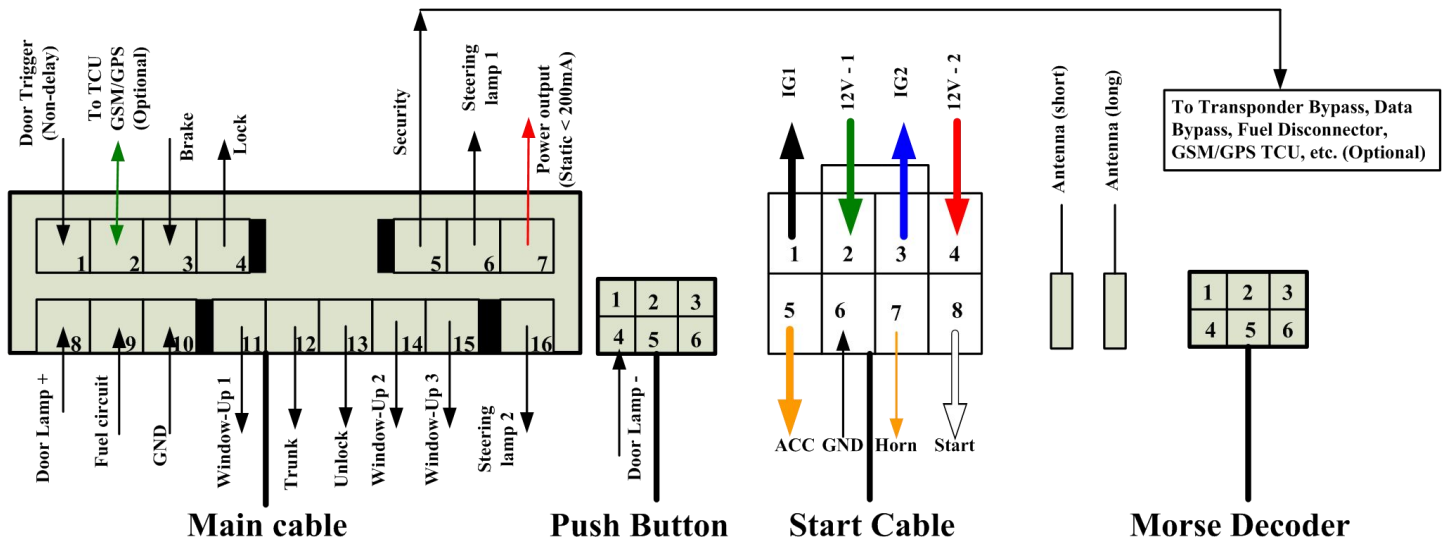


PKE-100PF Diagram Definition



PIN	Description		
Main Cable			
Door Trigger (non-delay)	Door trigger wire is different with door lamp wire. Door trigger wire has no time delay, instant output signal after opening the door and instant stop output signal after closing the door. Door lamp wire always has time delay, instant output signal after opening the door but not instant stop output signal after closing the door.		
Com+ (To TCU)	Extension wire, for communicating with TCU (GPS Tracker) or other device.		
Brake	Positive input, directly connect with car original brake signal wire; for anti-hijacking purpose. If the car already has anti-hijacking function, do not connect it, otherwise you will meet series of irregular Lock/Unlock actions.		
Lock	Negative output.		
Security	Negative output, link to IMMO transponder bypass, IMMO data bypass, fuel circuit disconnecter, original IMMO wire or other security requested wire.		
Steering lamp 1	Positive output, directly supply power to original steering lamp. Maximum output current 7.5A.		
Power output	Positive output, maximum output current 200mA.		
Door Lamp+	Positive input, normally do not connect it (see Door Trigger).		
Fuel circuit	Positive input, for fuel detective and start output policy purpose.		
GND	Directly connect with metal ground.		
Window-up 1	Negative output. The output timer, sequence and other parameters are according to specific cars.		
Trunk	Negative output.		
Unlock	Negative output.		
Window-up 2	Negative output. The output timer, sequence and other parameters are according to specific cars.		
Window-up 3	Negative output. The output timer, sequence and other parameters are according to specific cars.		
Steering lamp 2	Positive output, directly supply power to original steering lamp. Maximum output current 7.5A.		
Push Button Cable			
Power	For button power.		
Green led	For indicator LED.		
Orange led	For characters background LED.		
Door lamp -	Door lamp negative input, the extended wire (out of Push Button Cable) looks like GND connecting wire, is reserved for other older Push Start products (for example, ST control unit), do not connect it to GND on PKE-100P/PF. Leave it empty, wrap and fix it firmly.		
Blue led	For circle background LED.		
Press input	For press action signal input.		
Start Cable			
● IG1	To car original IG1 (ON1), black. Normally does not break off when starting.	● 12V-1	To car original 12V-1 (B1), green.
● IG2	To car original IG2 (ON2), blue. Normally breaks off when starting.	● 12V-2	To car original 12V-2 (B2), red.
● ACC	To car original ACC, yellow.	● GND	To car metal ground. This wire is extended out of Start Cable, black (thin).
● Horn	Negative output, to original horn or external horn. This wire is extended out of Start Cable, yellow (thin).	○ Start	To car original Start (ST), white.

The specialized cables are supplied for different cars to reduce technician's labor. But to note!!! The specialized cables are not sure to match car original ignition wire due to manufacturing version, year, place and many other aspects. Please check above definition carefully before "direct plug-in". If not match, you need to change the pin head manually or cut off plug head and connect them one by one.