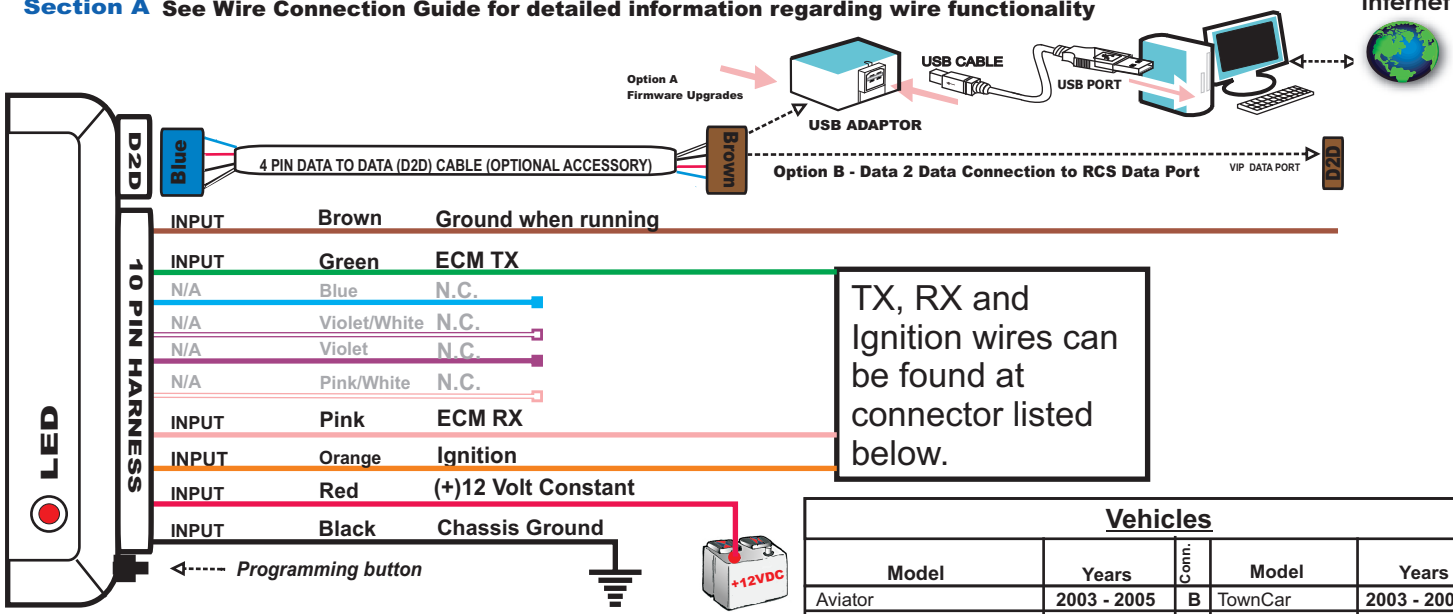# Platform #04   Firmware: PKF3

Description: Ford and Mazda transponder bypass
Functions: Compact design, easy to mount, compatible with manufacturer's anti-theft system and maintains it's integrity, easy 3-step programming, no extra key required for operation

⚠️ Downloadable Firmware for platform #04: PKFORD, PKF3
WARNING: Before beginning your install go to www.INTELLIKITS.com and be sure to print the LATEST corresponding installation manual for the firmware that is flashed to the platform you are using.

Section A See Wire Connection Guide for detailed information regarding wire functionality

INPUT	Brown	Ground when running
INPUT	Green	ECM TX
N/A	Blue	N.C.
N/A	Violet/White	N.C.
N/A	Violet	N.C.
N/A	Pink/White	N.C.
INPUT	Pink	ECM RX
INPUT	Orange	Ignition
INPUT	Red	(+)12 Volt Constant
INPUT	Black	Chassis Ground

TX, RX and Ignition wires can be found at connector listed below.

◁----- *Programming button*

Connector List

Determine vehicle TYPE (A, B, C, D) then refer to the following page to program the unit:

A
PIN	Fonction
1	Ground
2	Ignition
3	RX
4	TX

B
PIN	Fonction
1	Ignition
2	Ground
3	TX
4	RX

C
PIN	Fonction
1	Ground
2	Ignition
3	RX
4	TX

D
PIN	Fonction
1	RX
2	TX
3	Ground
4	Ignition

Please take note: The connector never has more than 4 wires. The connector can be found on right of steering column or at PATS module.

Vehicles

Model	Years	Conn.	Model	Years	Conn.
Aviator	2003 - 2005	B	TownCar	2003 - 2005	C
CrownVictoria/Gr Marquis	2003 - 2004	C	Windstar	2001* - 2002	A
CrownVictoria/Gr Marquis	2005 - 2007	B	Windstar	2003	C
Expedition / Navigator	2003 - 2007	B	Mazda 3	2004 - 2008	
Explorer / Mountainer	2001*	A	Mazda 5	2006 - 2007	D
Explorer / Mountainer	2002 - 2007	B	Mazda 6	2004 - 2007	D
FiveHundred / FreeStyle	2005 - 2007	C	Mazda CX7	2007	
FreeStar / Monterey	2004 - 2007	C	Mazda Miata	2006 - 2007	D
LS 6/8	2003 - 2005	B	Mazda Rx-8	2004 - 2008	D
Mustang	2005 - 2007	B	B3000	2001 - 2004	C
Ranger	2001* - 2004	C	B4000	2005	C
Taurus/Sable	2000 - 2005	A	Escape/Tribute	2005 - 2007	B
T-Bird	2003 - 2005	C	F150	2004	C
Focus	2006-2007		F150	2005-2008	B

Built After July 24th 2000

WIRE GUIDE: CONNECTIONS

10 PIN HARNESS ⌐➤D2D = Optional use of 4 Pin Data to Data (D2D) cable will replace the analogue wire (w2w) connection

PIN #	WIRE COLOR	D2D w2w	I/O STATUS	(-)/(+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	FUNCTIONS
1	Brown	w2w	Input	(-)	RCS	In Analogue (w2w) mode connect to Ground When Running, output of remote starter.	Activate Module Remote Starter Interface
2	Green	w2w	Input	5volt	Vehicule	Connect to corresponding PIN as shown on connector list.	ECM TX
3	Blue	N/C	N/A	N/A	N/A	N.C.	N/A
4	Violet/White	N/C	N/A	N/A	N/A	N.C.	N/A
5	Violet	N/C	N/A	N/A	N/A	N.C.	N/A
6	Pink/White	N/C	N/A	N/A	N/A	N.C.	N/A
7	Pink	w2w	Sortie	(+)	Vehicle	Connect to corresponding PIN as shown on connector list.	ECM RX
8	Orange	w2w	Entrée	(+)	Vehicle	Connect to corresponding PIN as shown on connector list.	Ignition
9	Red	D2D w2w	Input	(+)	Vehicle	Constant (+) 12 Volt Source	Power Source
10	Black	D2D w2w	Input	(-)	Vehicle	Chassis Ground	Ground Source

Legend: **RCS** = Remote Control System   **N/C** = No Connection   **N/A** = Not Applicable   **W2W** = Analogue Wire to Wire   **D2D** = Data 2 Data

DATA to DATA PORT (D2D): Blue connector of D2D Cable plugs into the upgradeable vehicle interface module.
OPTION A: - D2D Port used to connect to USB Bootloader adaptor & computer to download & flash vehicle interface firmware.
OPTION B: - D2D Port used to connect to the data port of a remote control system equipped with ClearCode Vehicle Interface Protocol.
Remote control systems designed with ClearCode VIP can securely communicate via the D2D cable to transmit & receive data commands which initiate specific vehicle function such as doorlocks & immobilizer override and /or request information from the vehicle such as status of entry points (doors) or ambiant température, diesel glow plug etc…
ClearCode VIP represents the doorway to vehicle integration...As an enhanced security feature, this upgradeable vehicle interface module automatically detects when the Vehicle Interface Protocol is present and deactivates the analogue override input wire (brown wire) ensuring that this module can only be activated by an authorized user.

Description: Ford and Mazda transponder bypass
Functions: Compact design, easy to mount, compatible with manufacturer's anti-theft system and maintains it's integrity, easy 3-step programming, no extra key required for operation

Section C

MODULE PROGRAMMING

Module programming is similar to Ford additional key programming.
NB: You must have two (2) valid keys for programming module. <u>MAX 5 SECONDS INTERVALS BETWEEN EACH STEP</u>

After all connection is done, if the LED stay OFF, the module is already programmed. If the module has never been programmed, the LED will comes ON and will stay ON until the programming is finished.

1- Turn the first valid key to "ON" position, until the security light goes OFF. Put the key OFF and remove from ignition.

2- Within 5 seconds, turn the second valid key to "ON" position until security light goes OFF. Put the key OFF and remove from ignition.

<u>*On manual transmission vehicle, you have to do wire programming before connect D2D.*</u>

3 -
 ! For automatic transmission vehicle, start the vehicle with remote starter, the module is programmed.
 ! For manual transmission vehicle, connect temporarily the brown wire of module to vehicle Ground. Use a jumper wire to power up the vehicle ignition.
 ! When the LED goes OFF and start to flash once per second, the module is programmed.
 ! If the LED stay ON, repeat from Step 1.

4- For D2D connection, disconnect the module and connect D2D connector and 10 PIN connector.

<u>*Each time the GWR is power up or detected in D2D, the LED flash once per second.</u>

Reset the module

Press and hold programming button while plugging the module. When the LED comes ON, release programming button. When the LED shuts, the reset is complete.