Installer guide and firmware description

FIRMWARE NAME: SSvFRD00; SShFRD00; SScFRD00

CAN TYPE: High speed

PLATFORM: 3903V; 3903T; 330X3

DESCRIPTION:

Data alarm firmware for:

FORD: Focus (2007–2011); Mondeo (2007–2010); Mondeo (2011–up); Fiesta (2007–2008);
Fiesta (2009–up); Fusion (2007–up); C-Max (2007–2010); Kuga (2008–up); S-Max (2007–2010);
S-Max (2011–up); Galaxy (2007–2010); Galaxy (2011–up)

CAN FUNCTIONS:

Function	Available	OBSERVATION
Remote Arm	Yes	Can't arm with any open door. Can't arm with Hazard light activated (Fiesta '07-'08, Fusion)
Remote Disarm	Yes	
Panic/Aux Chanel Output	No	Except Fusion & Fiesta
Parking Lights	No	
Turn Signals	No	Use analogical output (N1/6) - White
Hood Input	No	Use instant trigger input (N1/4) – Blue
Trunk Release Sensor Bypass	Yes	
Remote Start Sensor Bypass	No	

WIRE COLOR AND LOCATION

Car	Alarm connection		Car connection		
	Function	Wire color	Wire color	Pin	Location
Fiesta/ Fusion	Can H	Brown/Red	Blue/Red	3	Diagnostic Connector **(see fig.1)**
	Can L	Brown/Black	Grey/Red	11	
	Lights	White	Orange/Black	-	Under dash **(see fig.2)**
Mondeo/ S-Max/ Galaxy	Can H	Brown/Red	Grey/Orange	-	Passenger side, behind glove box **(see fig.3)**
	Can L	Brown/Black	Violet/Orange	-	
	Lights	White	Brown/Yellow	-	Passenger side, under dash **(see fig.4)**
Mondeo '11/ **S-Max '11**	Can H	Brown/Red	Grey/Orange	-	Passenger side, behind glove box **(see fig.5)**
	Can L	Brown/Black	Violet/Orange	-	
	Lights	White	Brown	-	
Galaxy '11	Can H	Brown/Red	Grey/Orange	-	Passenger side, behind glove box **(see fig.5)**
	Can L	Brown/Black	Violet/Orange	-	
	Lights	White	Brown/Yellow	-	
Focus/ C-Max/ Kuga	Can H	Brown/Red	Grey	-	Passenger side, under dashboard **(see fig.6 & 7)**
	Can L	Brown/Black	Blue	-	
	Lights	White	Orange/Black	-	

	Can H	Brown/Red	Grey/Orange	24	Passenger side, behind glove box
Fiesta '09	Can L	Brown/Black	Violet/Orange	23	**(see fig.8)**
	Lights	White	Brown/Yellow	4	

IMPORTANT:

- **Factory default settings for <u>Feature 2-3 (Light Output)</u> - Turn Signal**
- **For feature programming CanOem on Focus/Kuga/C-Max/Mondeo/S-max/Galaxy is used unlock command from OEM Remote.**
- **For feature programming CanOem on Fiesta/Fusion is used lock command from OEM Remote.**

<u>New feature is now available for CAN OEM Viper&Clifford– Comfort Closure</u>*.

How this feature works:
1.   It starts when the LOCK button on the OEM remote is pressed and the unit is disarmed.
2.   After the comfort closure feature was performed the user can activate the auxiliary function (sensor bypass, aux channel, silent arming) within 4 seconds by pressing the LOCK button.
3.   After this the auxiliary function can be activated using the previous procedure – 2nd lock in 3 to 7 seconds.

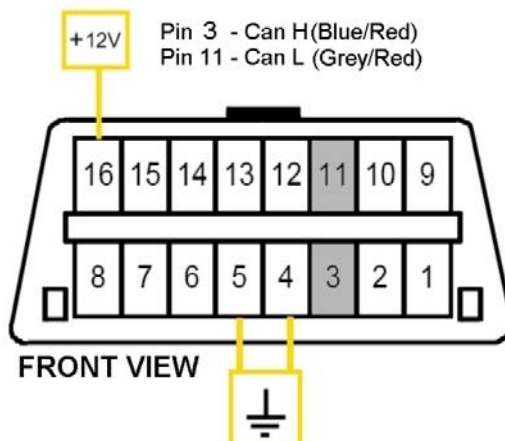* Comfort closure works only for car models with comfort function on OEM Remote.

All the firmwarea that will have this function will have <u>the C</u> at the end of the firmware name.

<u>Example</u>: SSvFRD00 without Comfort Closure and SSv FRD0C with Comfort Closure

Led Diagnostics & Troubleshooting:

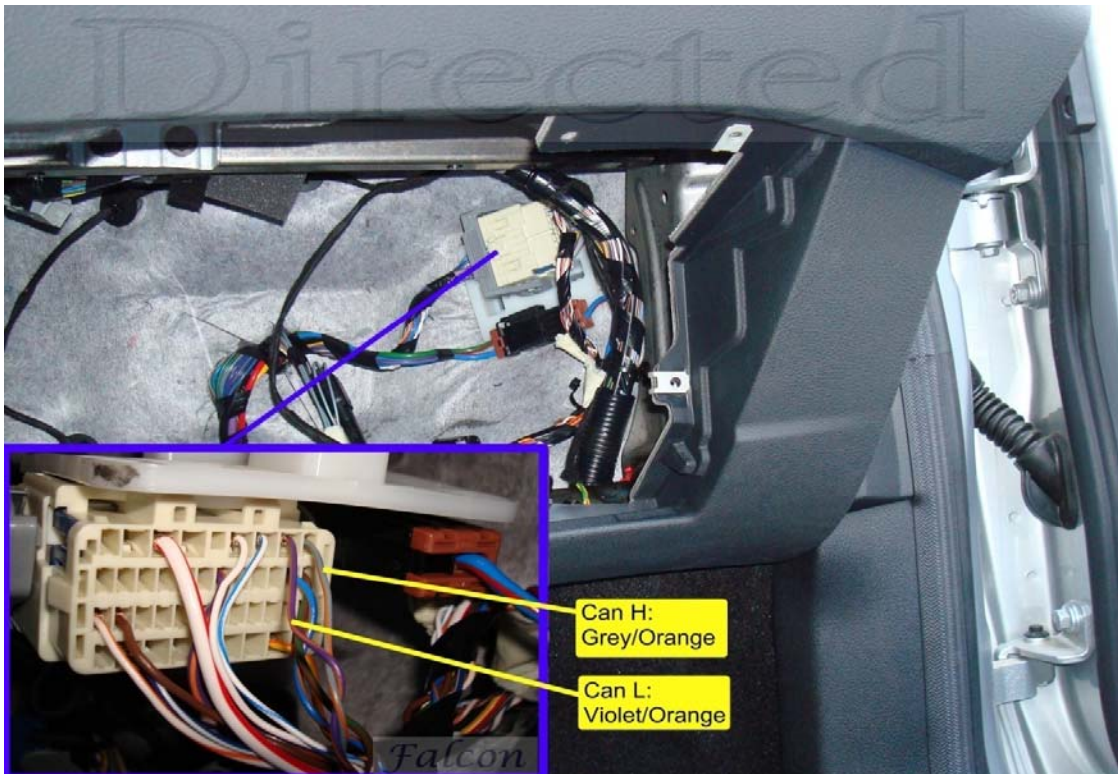| STATUS	Description	Troubleshooting
On for 3 seconds then 3 short flashes	invalid CAN network	Check the CAN bus wire connection and check if the unit is programmed with a proper firmware.
On for 3 seconds then 4 short flashes	invalid VIN number	Check if the unit is programmed with a proper firmware.

Fig.1 Ford Fiesta (2007-2009)

Fig.2 Ford Fiesta (2007-2009)

Hazard wire :
Black/Orange

Fig.3 Ford: Mondeo (2007-2010)/S-Max (2007-2010)/Galaxy (2007-2010)

Can H:
Grey/Orange

Can L:
Violet/Orange

Fig.4 Ford: Mondeo (2007-2010)/S-Max (2007-2010)/Galaxy (2007-2010)

Hazzard wire:
Pin 8
Brown/Yellow

Fig.5 Ford: Mondeo (2011-up)/S-Max (2011-up)

Can H - Grey/Orange
Can L - Violet/Orange

Hazard Switch - Brown

Hazard button
pressed: Ground
Hazard button is not
pressed: +12V

Fig.6 Ford: Focus (2007-2011)/C-Max (2007-2010)/Kuga (2008-2011)
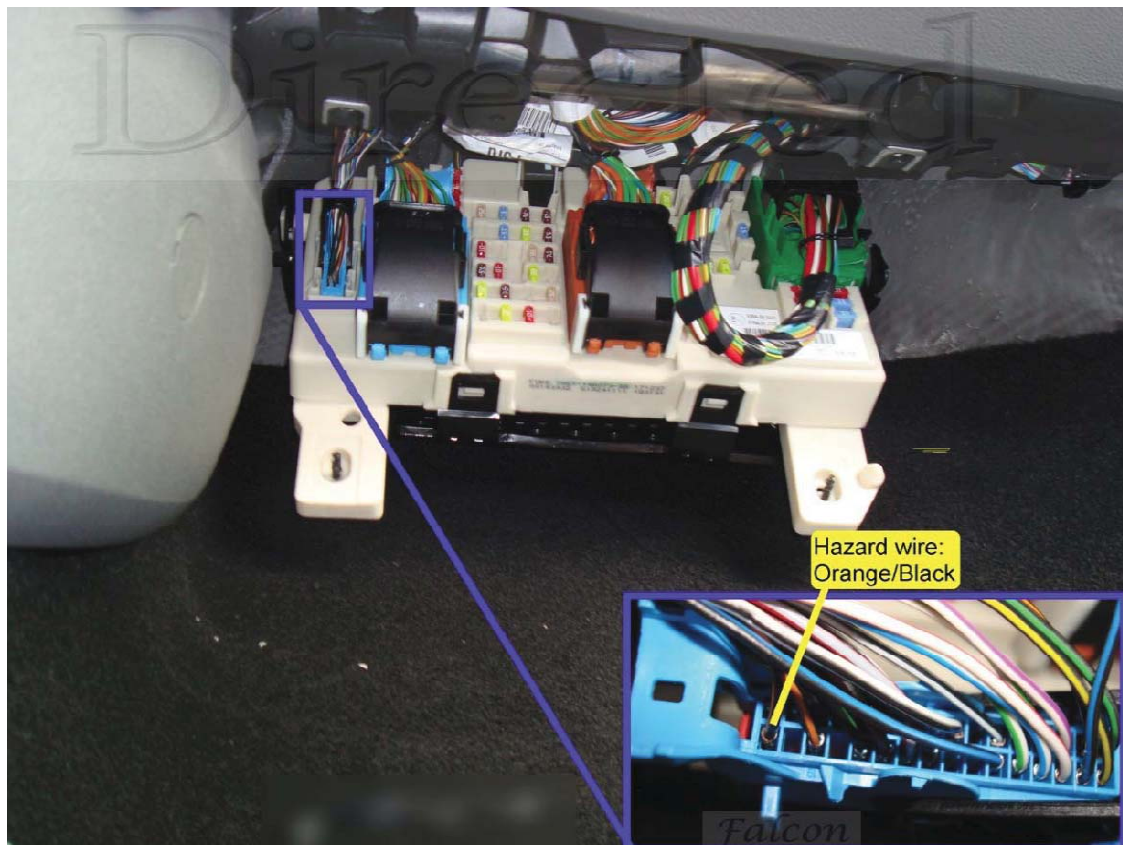

Fig.7 Ford: Focus (2007-2011)/C-Max (2007-2010)/Kuga (2008-2011)

Fig.8 Ford Fiesta (2009-2011)

C6
plug