QUICK START INSTALLATION GUIDE

If you are not proficient in the installation of this product or would like a full version of the installation manual, Please visit our web site @ www.encoreautomotivesystems.com
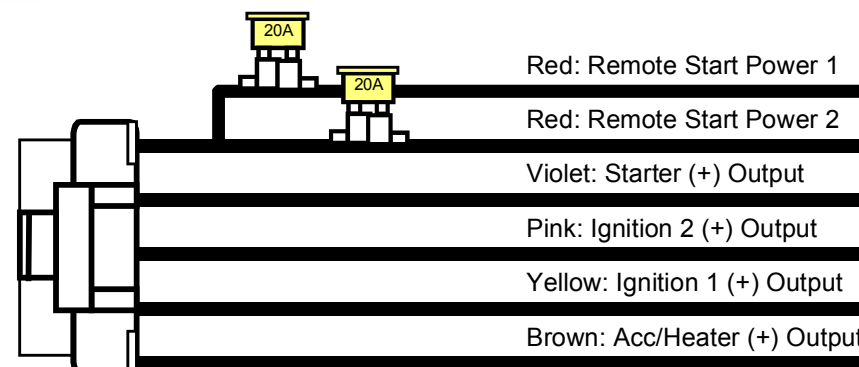
Encore E-2

This Remote Starter with Keyless Entry System has been designed to be installed BY PROFESSIONAL INSTALLERS on fuel-injected vehicles with an automatic transmission ONLY.

D Never install this remote starter on a manual transmission vehicle.
D This system must be installed and wired through a safety switch so it will not start in any forward or reverse gear.
D Once you install this system, you must verify that the vehicle will not start in any forward or reverse gear, regardless of the type of vehicle.
D Read the operation manual for operating.
D Do not install any component near the brake, gas pedal or steering linkage.
D Some vehicles have a factory installed transponder immobilizer system that can severely complicate the installation. There is a possibility that this system cannot be installed on some immobilizer-equipped vehicles.
D Most vehicles have an SRS air bag system. Use extreme care and do not probe any wires of the SRS system.
D Disconnect the car battery before beginning work on the vehicle.
D Check behind panels before drilling any holes. Ensure that no wiring harness or other components are located behind the panels that would otherwise be damaged.
D Do not use conventional crimp lock, bullet on any wiring. Poor wiring, i.e. taped joints will possibly introduce unreliability into the alarm system and may result in false alarms or incorrect operation. We suggest soldering all connection points.
D Install the wiring neatly under carpets or behind trim to prevent possible damage to wires.

1.Violet:Starter Output
20A Fuse
2,Red;+12 Input
20A Fuse
3,Red;+12V Input
4,Yellow:Ignition 1 Output
5.Pink:Ignition 2 Output
6.Brown:ACC Output

Red / White:Parking light Input
White:Parking light Output
Black:System Ground
Brown:Programmable Output(-) Horn(-) or Factory Rearm(-
Red:System Power +12Volt

Valet Switch

Green:(-)Lock (+)Unlock
Door Lock
Blue:(-)Unlock (+)Lock

White/Red:Tachometer Signal Input
White/Blue:Instant Start(-) Input
White/Black:Safety,Hood Pin Input(-)
Black/White:Neutral Safety Switch(-) Input
White/Violet:Safety Shutdown Brake Input (+)

DBI PORT
LED Indicator

Yellow:Ignition 3 Output(200mA-)
Blue / Black:ACC 2 (200mA -)
Pink:200mA Programmable Output(-)
White:Ground When Running By-Pass Control Output
Gray:Ch3 Trunk Release (-)

5 - Pin Primary Wire Harness

Pin #	Wire Color	Specification
1	Red / White	Parking light Input, Default (+)
2	White	Parking Light Output
3	Black	System Ground
4	Brown	Programmable Output, (-) Horn (-) Factory Rearm
5	Red	System Power 12 VDC

10 Pin Secondary Wire Harness

Pin #	Wire Color	Specification
1	White / Red	Tachometer Signal Input
2	White / Blue	Instant Start Input (-) Default Programmable (+).
3	White / Black	(-) Hood Pin switch Safety Shutdown
4	Black / White	Neutral Safety Switch Input (-)
5	White / Violet	(+) Brake Shutdown Input
6	Gray	Channel 3 Trunk Output (-)
7	White	Ground when Running By-pass output (-)
8	Pink	Programmable output(-)
9	Blue / Black	ACC 2 (-) 200mA
10	Yellow	Ignition 3 output (-) 200mA

4P: DBI- PORT: Two-way SERIAL DATA PORT CONNECTION: This connector is to be used for Serial Data communications with i-datalink modules FOR Encore only! DO NOT CONNECT THIS TO ANY OTHER WIRING!

This port will only operate correctly with i-datalink Modules. SEE WWW.IDATALINK.COM
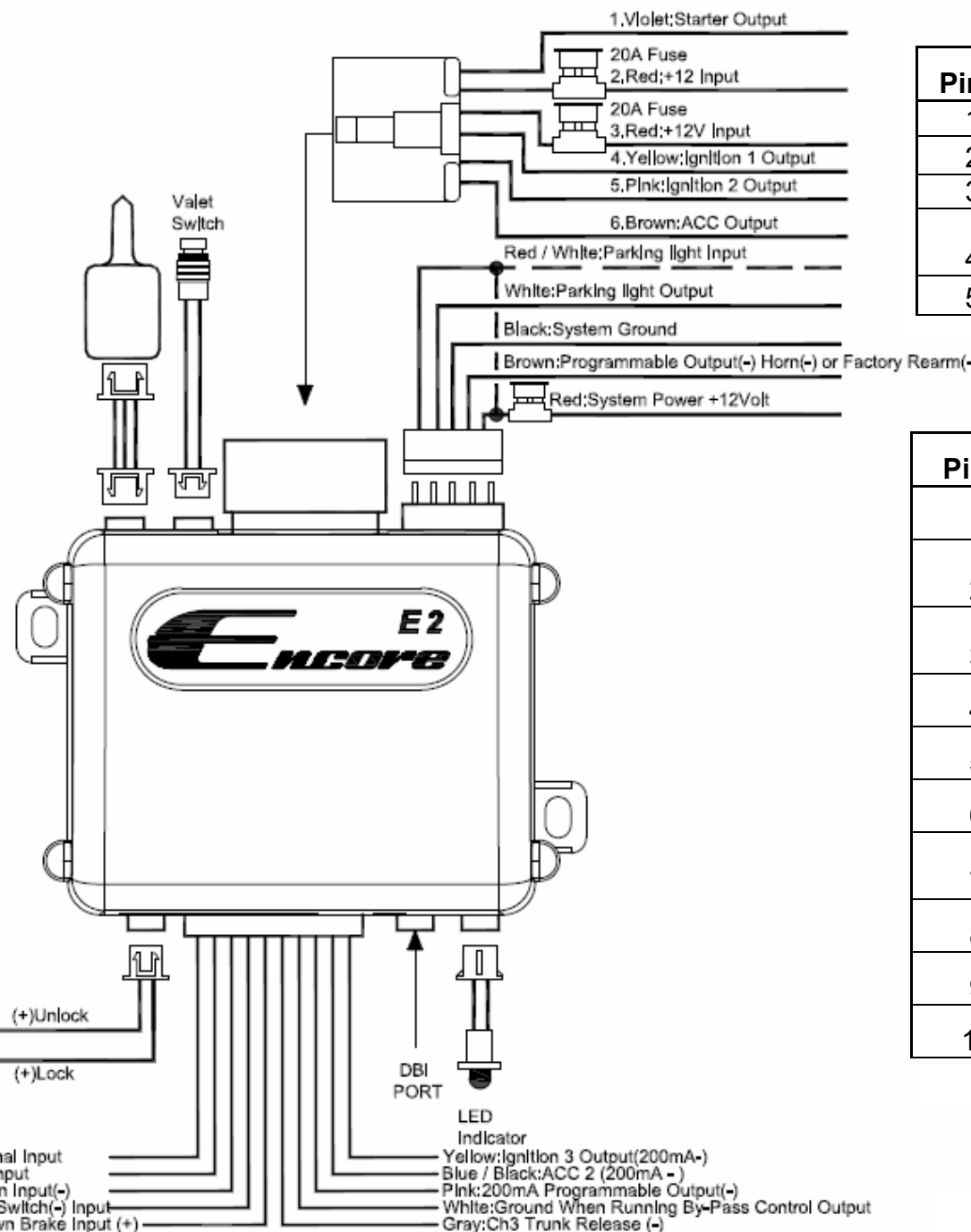
Transmitter Programming

Note: This mode will only retain the last 4 remote transmitters programmed. If the transmitter memory is exceeded, the security system will start deleting transmitters from memory in chronological order.
1. Turn the Ignition 'switch 'OFF/ON' 4 TIMES and stay in ON position. "Within 15 seconds".
2. Push the Valet switch 4 times and hold it on the 4th push until a long chirp is heard then release the valet switch. You are now in the Transmitter programming mode.
3. Press and hold any button of the transmitter until the siren responds with a confirming chirp, indicating the signal has been stored into memory.
4. If you have additional transmitters (up to 4) that need to be programmed, repeat step 3 for each transmitter.
Exit: Turn Ignition to 'OFF' position, or leave it for 15 seconds. 3 long chirps & 3 parking light flashes will confirm exit.

6 - Pin Starter Distribution Connector

20A Red: Remote Start Power 1
20A Red: Remote Start Power 2
Violet: Starter (+) Output
Pink: Ignition 2 (+) Output
Yellow: Ignition 1 (+) Output
Brown: Acc/Heater (+) Output

3-PIN BLACK CONNECTOR. – RECEIVER / ANTENNA MODULE

The antenna mounting location should be the upper left or upper center of driver's windshield. For optimum range we suggest that the antenna be mounted Antenna tip facing up.

Warning! Do not mount in such a manner that it obstructs the driver's view.

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FEATURE "A" PRORAMMING:

1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **3** times and hold in on the **3rd** push, when a long chirp is heard then release the valet switch. You are now in the feature **'A'** programming mode.
3. Press the transmitter button corresponding to the feature you want to program. The factory default settings is always [1] LED flash, [1] chirp.
4. Depress the transmitter button again to change the feature. Simply keep pressing the transmitter button again until the module advances to your desired setting.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulse	Three Chirps/ LED three pulse
1. ✻	**H3/2 White/Blue = 1 Pulse Remote Start**	H3/2 White/Blue = 3 Pulse Remote Start	H3/2 White/Blue =2 Pulse Remote Start
2. 🔓	**H3/8 Pink Wire = Factory Security Disarm Signal Output**	H3/8 Pink Wire = Start Status (Shock Sensor Bypass Control) Output	H3/8 Pink Wire = 20 Second Ground out Key Sensor By-pass
3. ✻ + 🔓	**H2/4 Brown Wire = Horn Output**	H2/4 Brown Wire = **Factory** Rearm Signal Output	2-step door unlock enable

Exit: Press the 🔒 button on the transmitter. 3 long chirps & 3 parking light flashes will confirm exit. __ALL TABLES PROGRAM IN THIS MANNER__

FEATURE "B" PRORAMMING:

1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **4** times and hold in on the **4th** push, when a long chirp is heard then release the valet switch. You are now in the feature **'B'** programming mode.
3. Press the transmitter button corresponding to the feature you want to program. The factory default settings is always [1] LED flash, [1] chirp.
4. Depress the transmitter button again to change the feature. Simply keep pressing the transmitter button again until the module advances to your desired setting.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulse	Three Chirps/ LED three pulse	Four Chirps / LED four pulse
1. ✻	**Without ignition controlled door locks & unlocks**	Ignition controlled door locks & unlocks		
2. 🔓	**Panic with Ignition off**	Panic with Ignition on & off	Panic with Ignition on & off. Panic with No time limit.	Without Panic feature
3. ✻ + 🔓	**0.8-second Door lock & Unlock.**	3.5-second Door Lock & Unlock.	0.8 second lock, 0.35 second unlock	0.8 second dbl lock,0.8 second dbl unlock
	Five chirps= 0.8 second lock, dbl 0.8 second unlock Six chirps= dbl 0.8 second lock, 0.8 second unlock			

FEATURE "C" PRORAMMING:

1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **5** times and hold in on the **5th** push, when a long chirp is heard then release the valet switch. You are now in the feature **'C'** programming mode.
3. Press the transmitter button corresponding to the feature you want to program. *The factory default settings is always [1] LED flash, [1] chirp.*
4. Depress the transmitter button again to change the feature. Simply keep pressing the transmitter button again until the module advances to your desired setting.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulse	Three Chirps/ LED three pulse	Four Chirps / LED four pulse
1. ✻	White wire = Constant Parking Light Output	White wire = Flash Parking Light Output		
2. 🔓	**Door lock After start(RUN)**	Door un-lock before start (crank) and lock after start	Door lock before start and Door lock after shut-down	Without this feature
3. ✻ + 🔓	**Horn chirp Duration** **Standard**	Horn chirp Duration 50 mS	Horn chirp Duration 30 mS	Horn chirp duration 10 mS

Exit: Press the 🔒 button on the transmitter. 3 long chirps & 3 parking light flashes will confirm exit.

FEATURE "D" PRORAMMING:

1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **6** times and hold in on the **6th** push, when a long chirp is heard then release the valet switch. You are now in the feature **'D'** programming mode.
3. Press the transmitter button corresponding to the feature you want to program. The factory default settings is always [1] LED flash, [1] chirp.
5. Depress the transmitter button again to change the feature. Simply keep pressing the transmitter button again until the module advances to your desired setting.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulse	Three Chirps/ LED three pulse	Four Chirps / LED four pulse
1. ✻	**Gasoline Engine**	Diesel Engine and 10 seconds warn-up timer	Diesel Engine and 15 seconds warn-up timer	Diesel Engine and 20 seconds warn-up timer
2. 🔓	**20 minutes run time**	10 minutes run time	30 minutes run time	5 minutes run time
3. ✻ + 🔓	**(white/blue wire) (+) start input**	(white/blue wire) (-) start input		

Exit: Press the 🔒 button on the transmitter. 3 long chirps & 3 parking light flashes will confirm exit.

Top middle

Exit: Press the 🔒 button on the transmitter. 3 long chirps & 3 parking light flashes will confirm exit.

FEATURE "E" PRORAMMING:

1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **7** times and hold in on the **7th** push, when a long chirp is heard then release the valet switch. You are now in the feature **'E'** programming mode.
3. Press the transmitter button corresponding to the feature you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulse	Three Chirps / LED three pulse	Four Chirps / LED four pulse
1. ✻	__Voltage checking type__	Tachometer checking type.	Timer checking type	**DBI TACH ** DATA ONLY!**
2. 🔓	RPM learning	See full version manual		
	Start Timer: 0.6-second	0.8-second (2 chirps), 1.0-second (3 chirps), 1.2-second (4 chirps), 1.4-second (5 chirps), 1.6-second (6 chirps), 1.8-second (7 chirps), 2.0-second (8 chirps), 3.0-second (9 chirps), 4.0-second (10 chirps),		
3. ✻ + 🔓	Low check level	Hi check level		

FEATURE "F" PRORAMMING:

1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **8** times and hold in on the **8th** push, when a long chirp is heard then release the valet switch. You are now in the feature **'F'** programming mode.
3. Press the transmitter button corresponding to the feature you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulse
1. ✻	**Blue/Black= Second Accessory**	Blue/Black = Second Start
2. 🔒	**+ 50 RPM DBI ONLY**	No RPM learning
3. ✻ + 🔓	**- 50 RPM DBI ONLY**	No RPM Learning or < 50 RPM

FEATURE "G" PRORAMMING:

1. Turn the Ignition switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **9** times and hold in on the **9th** push, when a long chirp is heard then release the valet switch. You are now in the feature **'G'** programming mode.
3. Press the transmitter button corresponding to the feature you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulse	Three Chirps/ LED three pulse
1. ✻	✻ Button, **Two Push** Remote	✻ Button, **One push** Remote Start	
2. 🔓	H1 pink = Ignition 2	H1 Pink = Start 2	H1 Pink= ACC 2
✻ + 🔓	No function	**Pulse Ignition 1 before unlock. * Wake BCM ***	

Exit: Press the 🔒 button on the transmitter. 3 long chirps & 3 parking light flashes will confirm exit.

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