9020 ProEFI IBoost Switch Cable Installation Instructions

IBoost Pin	Function	Color	Pro48 Name	Pro48 Pin	Pro128 Name	Pro128 Pin	Pro112 Name	Pro112 Pin	Pro70 Name	Pro70 Pin
1	5V Reference	Red	XDRP	B24	XDRP B	J1 A11	XDRP	C-D4	XDRP	48
2	Output Signal	White	ANxx	/	AN10(51K Pull Down)	J1 A16	AN1M(51.1K to GND)	C-E3	AN07(51.1k Pull Down)	44
3	Sensor Return	Black	XDRG	B01	XDRG B	J1 A24	XDRG	B-D3	XDRG	32

***ANY SPARE INPUT MAY BE USED! These are just recommended Inputs**

Installation of ProEFI IBoost Switch Cable for Pro48 ECU.
1. Unlock ECU connector 'B'
2. Insert terminated white wire at available Analog Input at connector 'B'.
3. Remove terminated wire at B24, place heat shrink & reinsert terminated wire. Splice red wire into wire at B24.
4. Remove terminated wire at B01, place heat shrink & reinsert terminated wire. Splice black wire into wire at B01.

Installation of ProEFI IBoost Switch Cable for Pro128 ECU.
1. Unlock ECU connector 'J1A'
2. Insert terminated white wire into J1 A16.
3. Remove terminated wire at J1 A11, place heat shrink & reinsert terminated wire. Splice red wire into wire at J1 A11.
4. Remove terminated wire at J1 A24, place heat shrink & reinsert terminated wire. Splice black wire into wire at J1 A24.

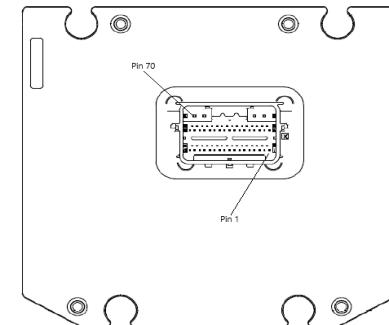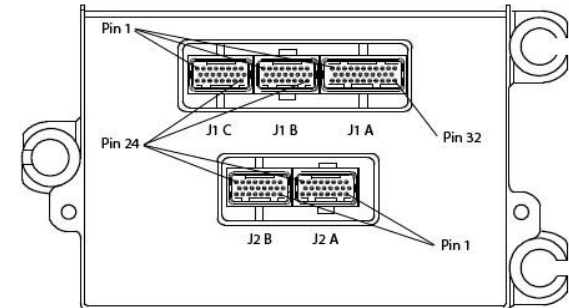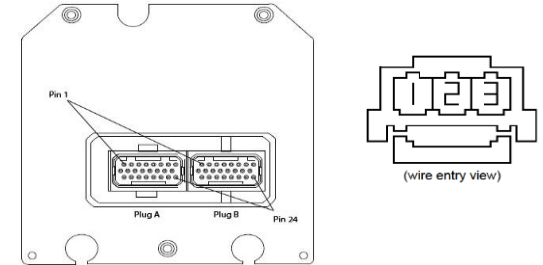## Installation of ProEFI Iboost Switch Cable for Pro112 ECU
1. Unlock ECU Connectors 'B' & 'C' by removing the strain relief and sliding the tray open.
2. Insert terminated white wire into C-E3
3. Remove terminated wire at C-D4, place heat shrink & reinsert terminated wire. Splice red wire into wire at C-D4.
4. Remove terminated wire at B-D3, place heat shrink & reinsert terminated wire. Splice black wire into wire at B-D3.

Installation of ProEFI Iboost Switch Cable for Pro70 ECU
1. Unlock ECU Connectors by lifting gently on white pin cover, release four clips to remove strain relief cover.
2. Insert terminated white wire into 44
3. Remove terminated wire at 48, place heat shrink & reinsert terminated wire. Splice red wire into wire at 48.
4. Remove terminated wire at 32, place heat shrink & reinsert terminated wire. Splice black wire into wire at 32.

Notes
To unlock ECU connector, press recessed white tab on side of housing.
To remove terminated wire after unlocking, pull on wire (may require some effort).
It is recommended to solder wire connections at each joint (splices, crimped terminals…).
Verify that all terminals are completely inserted into connector before locking.
To lock ECU connector, press the protruding white tab until flush with housing.