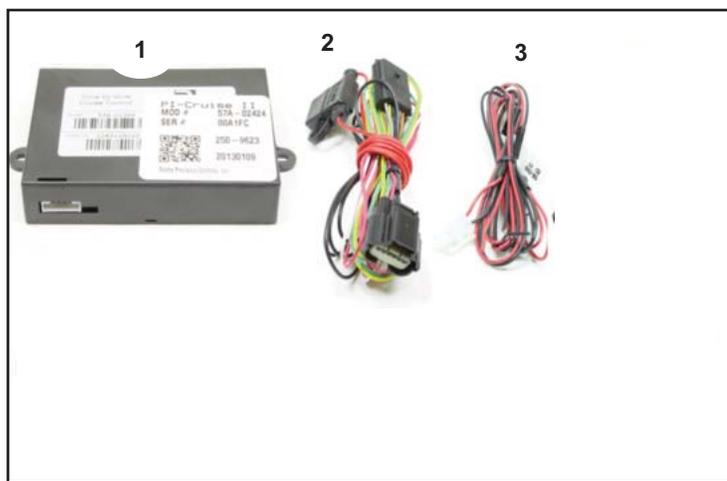


GENERAL APPLICABILITY

THIS LIMITER WAS TESTED AND VERIFIED ON: **CHEVROLET PICKUPS A/T 2022-**

KIT CONTENTS/SERVICE PARTS

| ITEM | QTY | DESCRIPTION | PART# |
|------|-----|-------------------------|----------|
| 1 | 1 | LIMITER CONTROL MODULE | 250-TECH |
| 2 | 1 | PEDAL INTERFACE HARNESS | 250-2804 |
| 3 | 1 | UNIVERSAL HARNESS | 250-2759 |
| | | | |
| | | | |
| | | | |



HARDWARE BAG CONTENTS

| ITEM | QTY | DESCRIPTION |
|------|-----|---------------|
| 1 | 8 | WIRE ZIP TIES |
| 2 | | |
| 3 | | |

RECOMMENDED TOOLS

| PERSONAL & VEHICLE PROTECTION | |
|--|----------------------|
| SAFETY GLASSES | |
| | |
| SPECIAL TOOLS | |
| VOLT-OHM METER | |
| INSTALLATION TOOLS | |
| TRIM REMOVAL TOOL | PHILLIPS SCREWDRIVER |
| 10-MM WRENCH | |
| SOLDERING TOOL | |
| SPECIAL CHEMICALS | |
| | |
| | |
| | |
| | |

CONFLICTS

NOTE:

LEGEND

-  **STOP:** DAMAGE TO VEHICLE MAY OCCUR. DO NOT PROCEED UNTIL PROCESS COMPLIANCE HAS BEEN MET.
-  **OPERATOR SAFETY:** USE CAUTION TO AVOID RISK OF INJURY.
-  **CRITICAL PROCESS:** PROCEED WITH CAUTION TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED ON A COMPLETED VEHICLE INSTALLATION.
-  **GENERAL PROCESS:** THIS HIGHLIGHTS SPECIFIC PROCESSES TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED DURING THE ACCESSORY INSTALLATION.
-  **TOOLS & EQUIPMENT:** THIS CALLS OUT THE SPECIFIC TOOLS AND EQUIPMENT REQUIRED FOR THE PROCESS.
-  **REVISION MARK:** THIS MARK HIGHLIGHTS A CHANGE IN INSTALLATION WITH RESPECT TO PREVIOUS ISSUE.



WARNING: DO NOT USE HAND-HELD 2-WAY TRANSCEIVERS INSIDE YOUR VEHICLE WHILE DRIVING.

WHEN TRANSMITTING FROM INSIDE THE CAR, 2-WAY RADIOS THAT OPERATE IN THE 25MHZ-700MHZ FREQUENCY RANGE WITH MORE THAN 2.0 WATTS OF POWER CAN PRODUCE ELECTROMAGNETIC INTERFERENCE THAT COULD INTERFERE WITH THE OPERATION OF Limiter AND THROTTLE CONTROLS RESULTING IN VEHICLE "LIMP MODE".

USE OF CELLULAR PHONES WILL NOT INTERFERE WITH THESE CONTROLS.



DUE TO SENSITIVE NATURE OF SIGNALS USED FOR THIS PRODUCT, ALL NON-PLUG AND PLAY CONNECTIONS MUST BE SOLDERED. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL VOID WARRANTY.



BEFORE INSTALLATION

TO MAKE THE INSTALLATION EASIER, THE COMPLETE INSTALLATION INSTRUCTIONS SHOULD BE READ THROUGH BEFORE INSTALLATION IS STARTED.

THIS INSTALLATION INSTRUCTIONS CONTAINS INFORMATION HOW TO INSTALL THE ELECTRONIC LIMITER CONTROL WHICH IS NOT A Do-It-Yourself JOB.

MODERN CARS ARE EQUIPPED WITH ELECTRONICS, WHICH CAN BE COSTLY DAMAGED BY INAPPROPRIATE TREATMENT.

ROSTRA CAN NOT BE HELD RESPONSIBLE FOR ANY ERROR CAUSED BY WRONG INSTALLATION



STOP - READ BEFORE INSTALLATION IMPORTANT ADVISORY NOTES THAT YOU MUST FOLLOW

ALWAYS DISCONNECT THE NEGATIVE CABLE FROM BATTERY BEFORE INSTALLATION.

ALWAYS USE THE ENCLOSED INSTALLATION INSTRUCTION FOR INSTALLING THE ELECTRONIC LIMITER CONTROL.

CHECK THE PART NUMBER OF THE LIMITER MODULE LABEL IS THE SAME COMPARED TO THE PART NUMBER OF THE INSTALLATION INSTRUCTIONS.

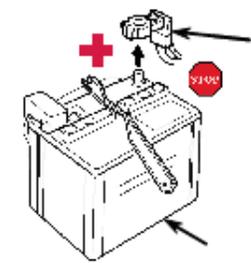
BE AWARE OF RADIO CODES THAT MIGHT HAVE TO BE TYPED IN.

IF ANY WIRES ARE LEFT, THEN CUT OFF AND INSULATE.

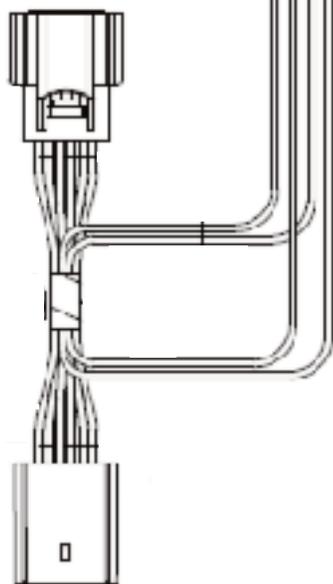
ONLY USE A MULTIMETER TO MEASURE VOLTAGE.

ALWAYS DRIVE THE CAR FOR A COMPLETE TEST BEFORE ASSEMBLING THE CAR.

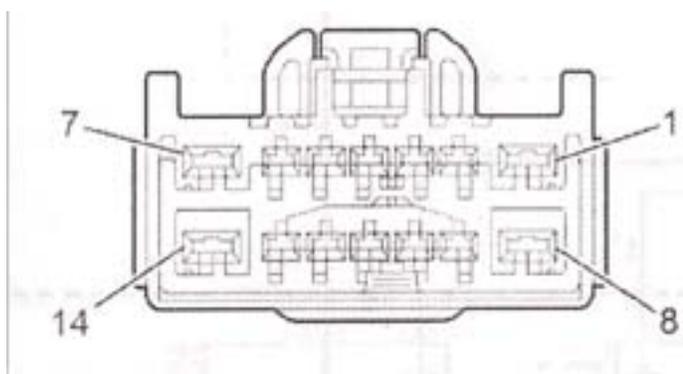
ALL WIRE LEADS MUST BE SOLDERED.



Locate accelerator pedal connector and unplug and connect Rostra pedal T-harness in series.



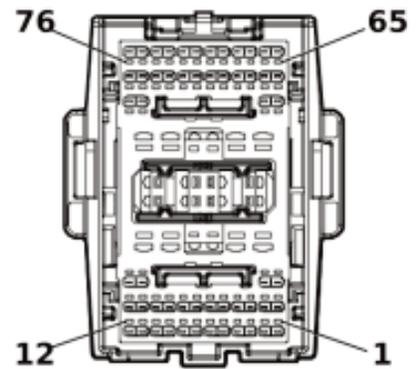
Ignition

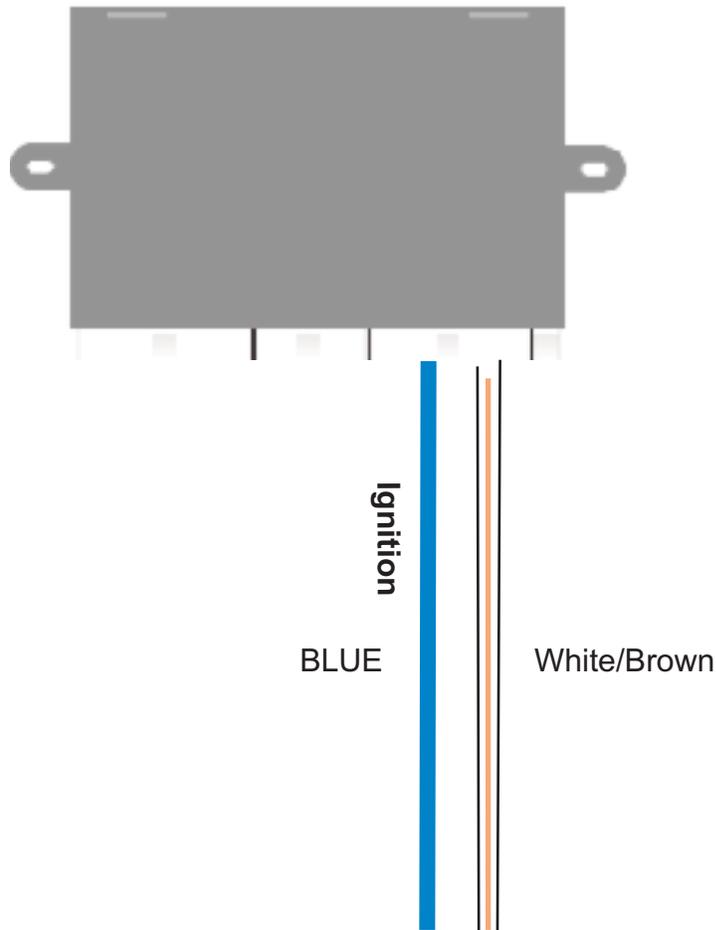


Locate customer upfitter connect under drivers side dash.
Connect Rostra Red ignition wire to position 13
Violet/Green wire from ignition power.



Locate 76 pin Black connector in drivers side kick panel.
Connect Rostra Purple VSS wire to position 65 Green/Gray wire for VSS signal



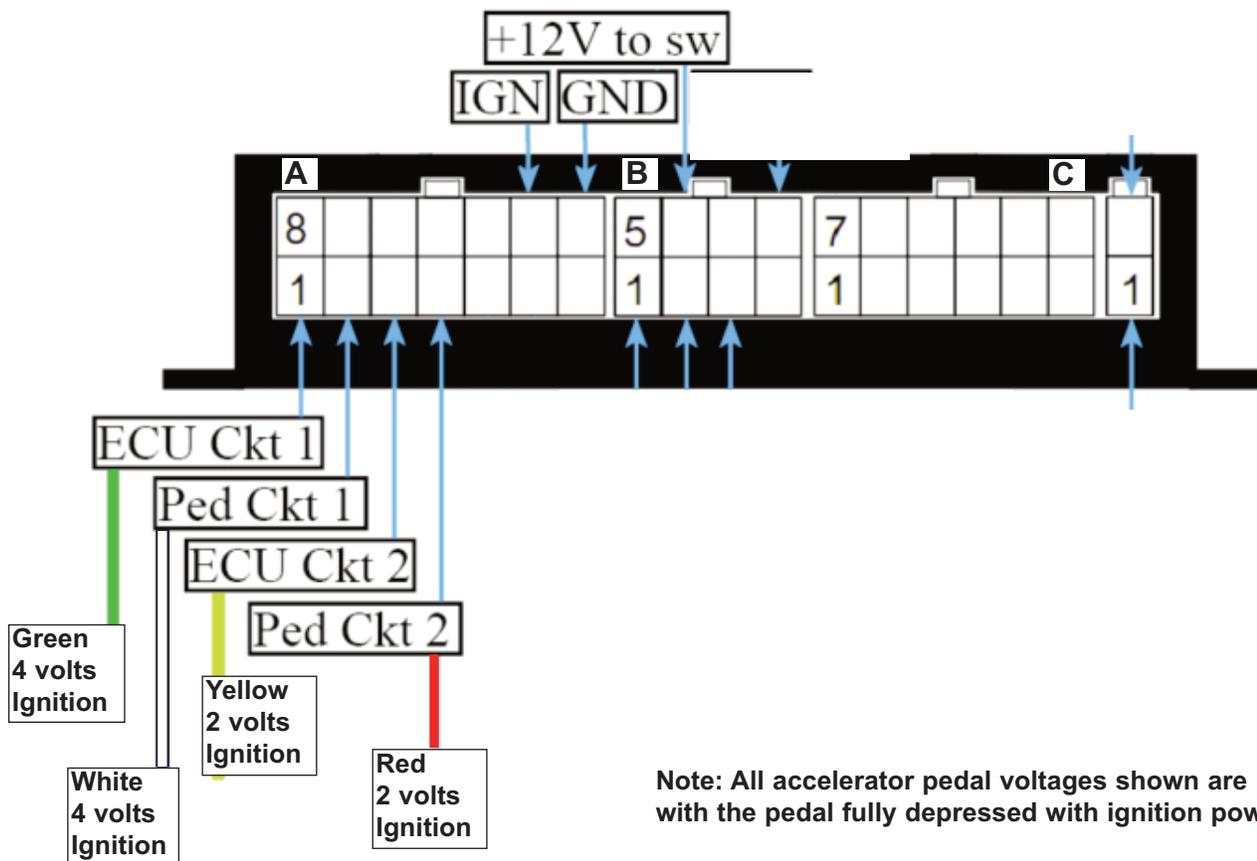


Blue wire from Limiter harness connect to ignition in position 13 of upfitter connector Violet/Green.

White/Brown from Limiter harness connect to Ground



ALL OTHER WIRES IN LIMITER ANALOG HARNESS NOT CALLED OUT WILL NOT BE USED.



| PIN | COLOR | DESIRED RESULTS | FAULT CONDITION |
|-----|-------|---|--|
| 13A | RED | +12V WHEN SWITCHED ON AND +0V WHEN SWITCHED OFF. IGNITION MUST BE GREATER THAN +10V WHILE CRANKING VEHICLE. | NO POWER, VOLTAGE DROP, OR INTERMITTENT CONNECTION WILL CAUSE LOSS OF PEDAL OR "LIMP MODE" CONDITION. |
| 14A | BLACK | LOWEST RESISTANCE TO GROUND AND CLOSEST TO ZERO (0) OHMS AS POSSIBLE. USE A VEHICLE GROUND POINT WHERE OTHER GROUND WIRES ARE CONNECTED TO. | A BAD GROUND CONNECTION WILL CAUSE THE FOLLOWING CONDITIONS: LIMITER WILL NOT FUNCTION, LOSS OF PEDAL OR "LIMP MODE" CONDITION |
| | | | |
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