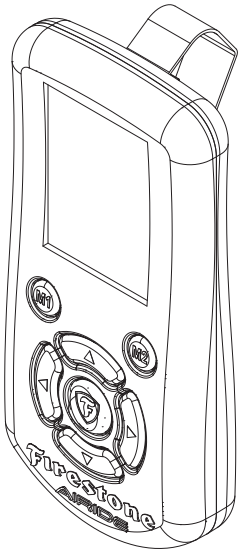
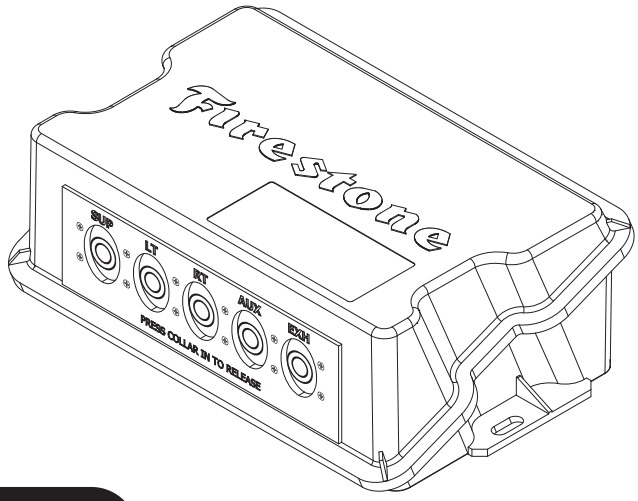
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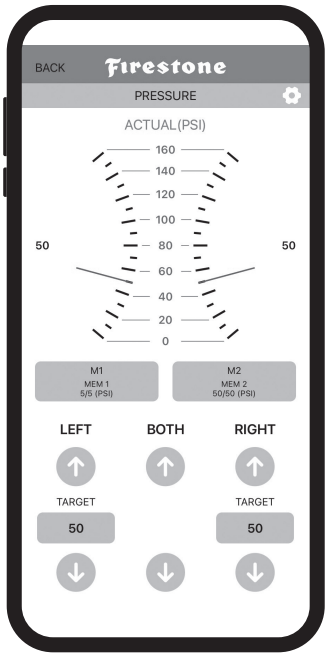
AIRIDE

firestoneairide.com

INSTALLATION INSTRUCTIONS







Download on the App Store

GET IT ON Google Play

09-24

⚠IMPORTANT

PLEASE DON'T HURT YOURSELF, THE KIT, OR YOUR VEHICLE. TAKE A MINUTE TO READ THIS IMPORTANT INFORMATION.

SAFE INSTALLATION

Please take all safety precautions during installation. A hydraulic jack can fail, and if that happens, you can be seriously hurt, or worse, if you are relying on it to hold up the vehicle. If you use a hydraulic jack, secure jack stands in the appropriate locations and chock any tires still touching the ground.

Wear safety glasses or goggles. Your eyes may be lower than some parts and pieces, and you don't want to lose an eye.

Remove the possibility of any electrical issues by disconnecting the negative battery cable.

VEHICLE GVWR

NEVER exceed the maximum load recommended by the vehicle manufacturer (GVWR). The GVWR can be found in your vehicle's owner's manual or on the data plate on the driver's side door. Consult your local dealership for additional GVWR specifications.

PRESSURE TO LOAD

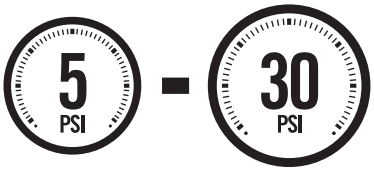
Be sure to review the load limits noted in the Air Spring Kit Installation Instructions (sold separately).

APPROPRIATE AIR PRESSURE

For best ride, use only enough air pressure in the Air Springs to level the vehicle when viewed from the side (front to rear). This will vary, depending on the load, location of the load, condition of the existing suspension, and personal preference.

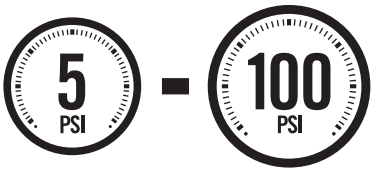
ONCE INSTALLED SUCCESSFULLY, FOLLOW THE PRESSURE REQUIREMENTS FOR THE AIR SPRINGS. FOR FIRESTONE, GENERALLY:

COIL-RITE



MINIMUM PRESSURE *MAXIMUM PRESSURE (LOADED)*

RIDE-RITE



MINIMUM PRESSURE *MAXIMUM PRESSURE (LOADED)*

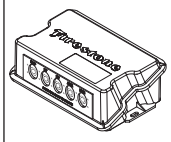
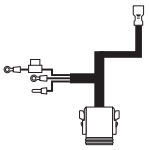
PARTS

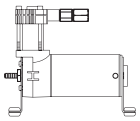
Compare the parts below to your kit. Assure you have all pieces, and organize them for an easier installation.

MAIN KIT CONTENTS

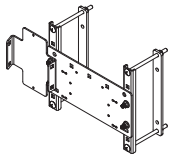
PT # 9965

The 9961 ECU and 9962 Wire Harness are packaged inside one box under the 9965 part number.

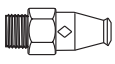
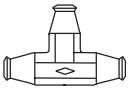
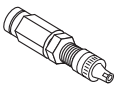
PT # 9961		x 1	ECU
PT # 9962		x 1	WIRE HARNESS

PT # 9523		x 1	AIR COMPRESSOR KIT
PT # 9415		x 1	AIR TUBING (22 FEET)
PT # 9964		x 1	AIR COMMAND DUAL REMOTE

A24-760-2644 COMPRESSOR AND ECU MOUNTING KIT

KIT # 2644		x 1	DUAL PATH MOUNTING KIT *The parts list for this kit is in the Mounting Kit Manual included at the end of this Manual.*

A21-760-2933 HARDWARE PACK

PT # 3087		x 4	10-32 x 1" MACHINE SCREW	PT # 3093		x 2	10-32 x 3/4" MACHINE SCREW	PT # 3086		x 10	#10 FLAT WASHER
PT # 3088		x 6	10-32 NYLOCK NUT	PT # 3421		x 1	10-16 x 3/4" SELF-TAPPING SCREW	PT # 9483		x 1	INFLATION VALVE MOUNTING BRACKET
PT # 3055		x 1	1/8 NPT PUSH-TO-CONNECT STRAIGHT FITTING	PT # 3025			1/4 PUSH-TO-CONNECT TEE	PT # 3032		x 2	INFLATION VALVE AND VALVE CAP ASSEMBLY
PT # 9488		x 4	LARGE NYLON TIE	PT # 0899		x 2	THERMAL SLEEVE	PT # 9036		x 15	RED NYLON TIE

CONTENTS AND OVERVIEW

PAGE 4 **PLANNING THE INSTALL**

PAGE 5 **PREPARE THE AIR COMPRESSOR**

PAGE 6 **DRILL HOLES FOR AIR COMPRESSOR AND ECU**

PAGE 7 **INSTALL THE AIR COMPRESSOR AND ECU**

PAGE 8 **INSTALL THE AIR TUBING**

PAGE 9 **INSTALL THE WIRE HARNESS**

PAGE 10 **INSTALL THE AIR FILTER AND CLEAN UP**

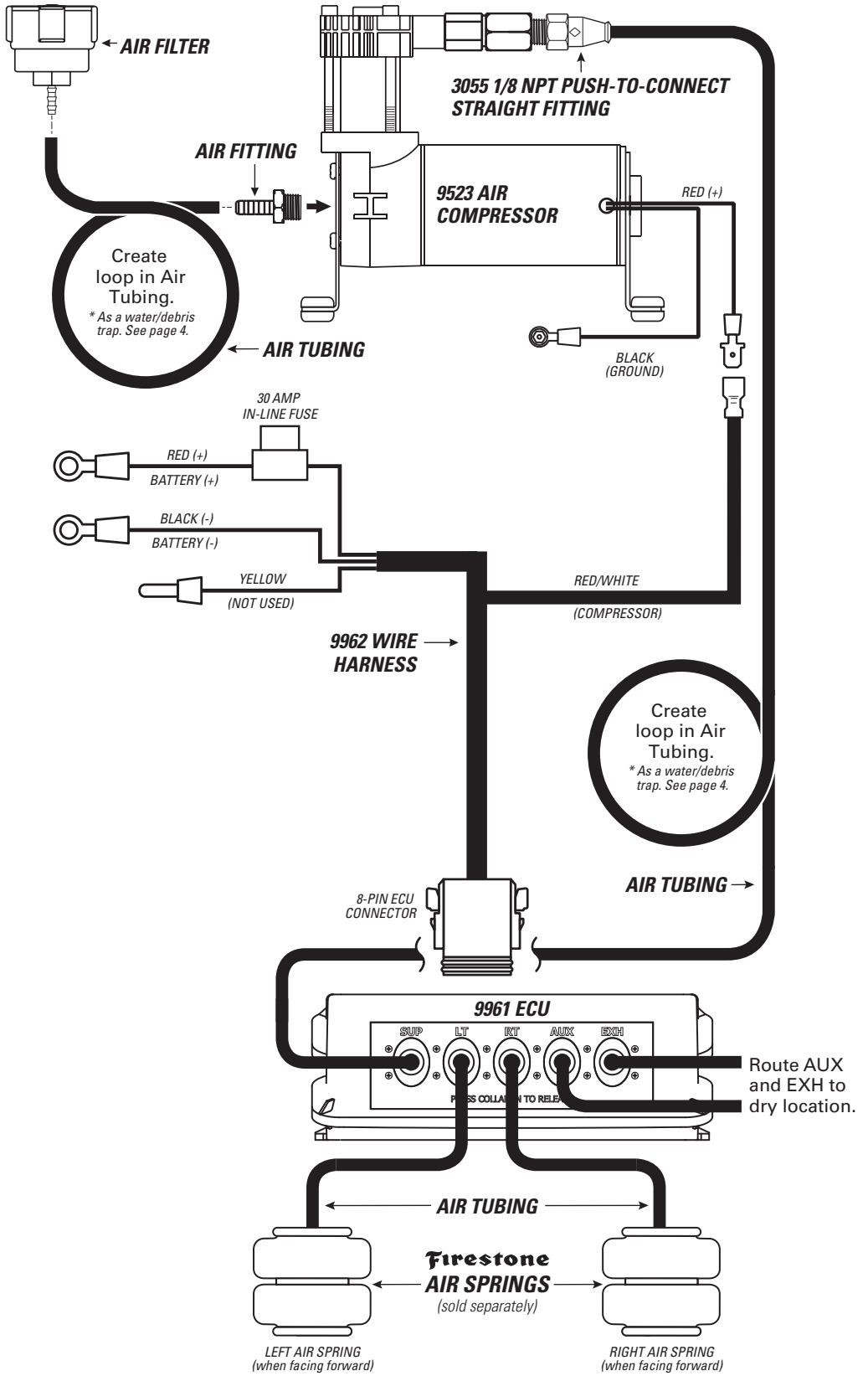
PAGE 11 **ECU POWER UP/ APP PERFORMANCE**

PAGE 13 **USING THE AIR COMMAND™ DUAL APP**

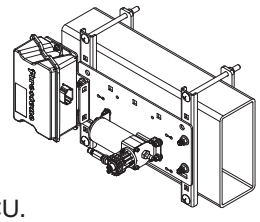
PAGE 15 **AIR COMMAND™ DUAL REMOTE QUICKSTART GUIDE**

PAGE 19 **TEST THE SYSTEM**

PAGE 20 **FIX AN AIR LEAK**



PLANNING THE INSTALL



THESE PLANNING STEPS WILL HELP YOU SAVE TIME AND WILL MAKE THE INSTALLATION EASIER.

DETERMINE THE MOUNTING LOCATION FOR THE AIR COMMAND KIT

- This Kit comes with a Mounting designed specifically for the provided Air Compressor and ECU.
- Refer to the Mounting Kit Manual attached at the end of the this Kit's Manual for addtional instructions.
- Consult the **OPTIONAL** instructions below and in Section 2 only if the Mounting Kit does **NOT** fit your vehicle.

PLAN INSTALLATION ROUTES FOR WIRING AND AIR LINES

- Make sure the Wire Harness and Air Tubing are not exposed to sharp metal edges that can damage them.
- Use supplied Thermal Sleeves on Air Tubing when routing near heat sources.
- Use supplied Nylon Ties to secure Air Tubing and Wire Harness to the vehicle.
- Make a loop in the Air Tubing where shown. This creates a water/debris trap that protects the Air Compressor.
- Measure twice, cut once!

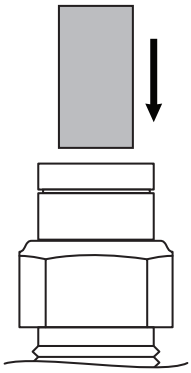
TAPE ALL ELECTRICAL CONNECTIONS

- Use electrical tape to appropriately secure and protect all electrical connections.

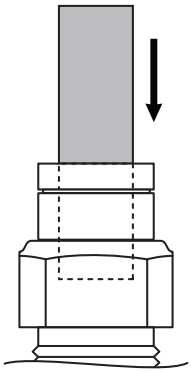
USING PUSH-TO-CONNECT FITTINGS FOR AIR LINES

Your kit includes Push-to-Connect fittings to connect the Air Tubing to hardware.
Use the instructions below when using the Air Tubing.

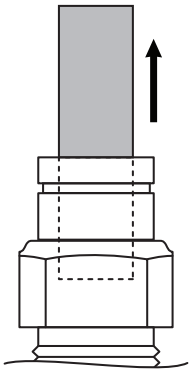
1 Insert end of Air Tubing into Air Fitting.



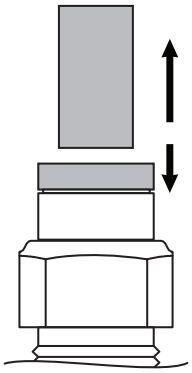
2 Push Air Tubing into Air Fitting as far as possible.



3 Gently pull on the Air Tubing to check for a secure fit.



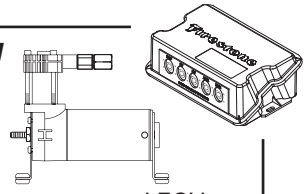
4 To remove, push down collar and gently pull Air Tubing away.



Removal Tip: Use a 1/4", 5/16", or 6mm open-ended wrench to push the collar down.

OPTIONAL

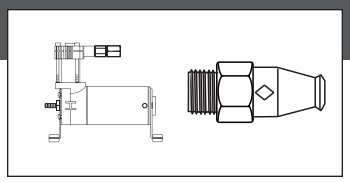
DETERMINE THE MOUNTING LOCATION FOR THE AIR COMPRESSOR AND ECU



- Mount in a location protected from airborne debris and moisture.
- Allow room for the Air Tubing to run without sharp curves or bends.
- Allow room for the Tubing to connect to the Air Fitting on the ECU.
- Allow room for the 4-pin ECU connector to connect to the ECU.
- Mount close enough together to allow Wire Harness connections to reach the Air Compressor and ECU.
- Using supplied fasteners shown in Step 3 is recommended. If no other mounting option is available, see the sidebar on Step 2 for using the Large Nylon Ties.
- Select a location that is solid and secure on the body or frame of the vehicle, away from any moving parts, electrical or any other lines.

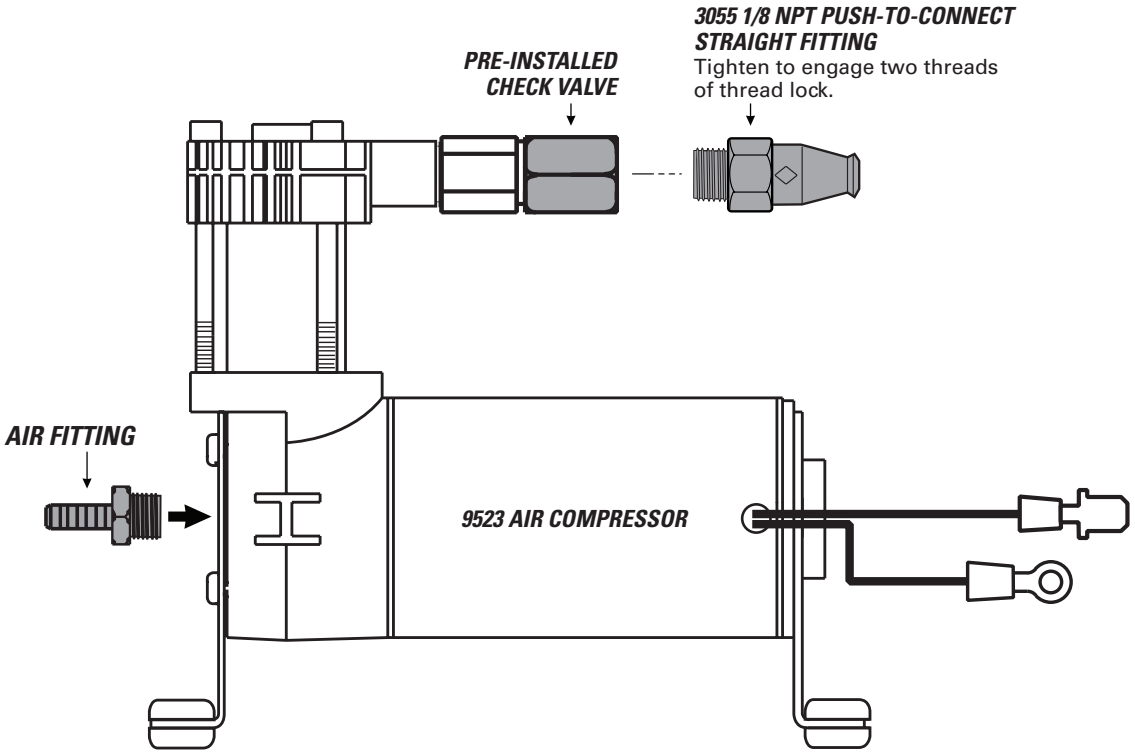
1 PREPARE THE AIR COMPRESSOR

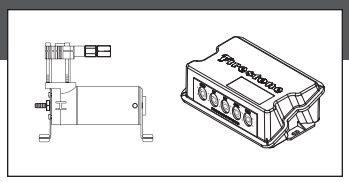
NOTE: Air compressor can be mounted facing any direction.



1 Install 1/8 NPT Push-to-Connect Straight Fitting on the Check Valve.

2 Install Barbed Air Fitting in Inlet Port of the Compressor from Air Compressor Kit.





OPTIONAL - DRILL HOLES FOR AIR COMPRESSOR AND ECU

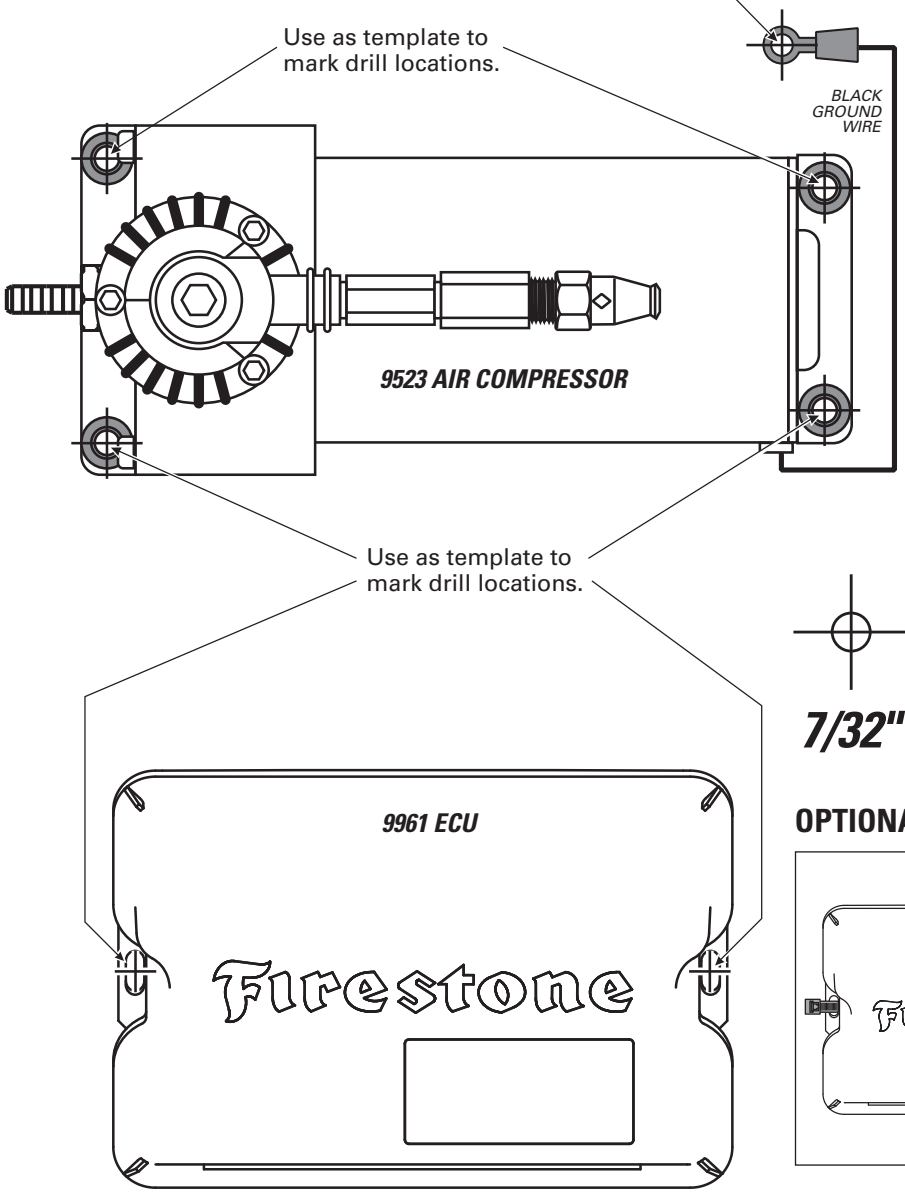
2

IF YOU ARE USING THE SUPPLIED FIRESTONE AIR ACCESSORY MOUNTING KIT, SKIP THIS STEP AND REFER TO THE MOUNTING KIT'S INSTRUCTIONS AT THE END OF THIS MANUAL.

STOP HERE AND SKIP THIS STEP IF USING THE PROVIDED MOUNTING KIT

CHECK SURROUNDING AREA AND BACK SIDE OF MOUNTING LOCATION TO AVOID DRILLING INTO EXISTING LINES OR WIRING.

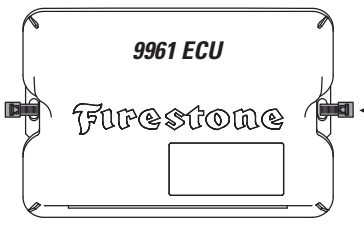
Drill within reach of the ground wire ring terminal on body or frame of vehicle or create a wire to link to the negative battery terminal. Minimum gauge of wire should be 12.
AIR ACCESSORY MOUNTING KIT CANNOT BE USED AS A GROUNDING LOCATION FOR THE AIR COMPRESSOR.



1. Using the Air Compressor and ECU as templates, mark drill locations as shown with a punch or marking tool.
2. Mark Air Compressor ground wire fastening location within reach of the ground wire ring terminal.
3. Drill 7/32" diameter holes. Remove any burrs and debris from drill holes.

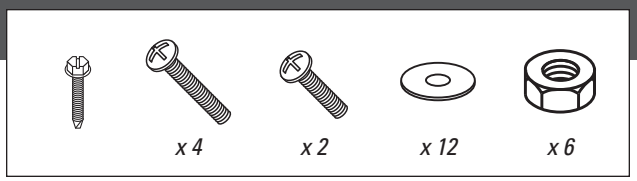
ASSURE THAT YOU INSTALL THE AIR COMPRESSOR AND ECU CLOSE ENOUGH SO THE CONNECTORS ON THE WIRE HARNESS WILL REACH THEM BOTH.

OPTIONAL ECU MOUNTING



If there is no other mounting option, use at least two Large Nylon Ties to secure ECU to the location determined in planning the install section.

3 INSTALL THE AIR COMPRESSOR AND ECU



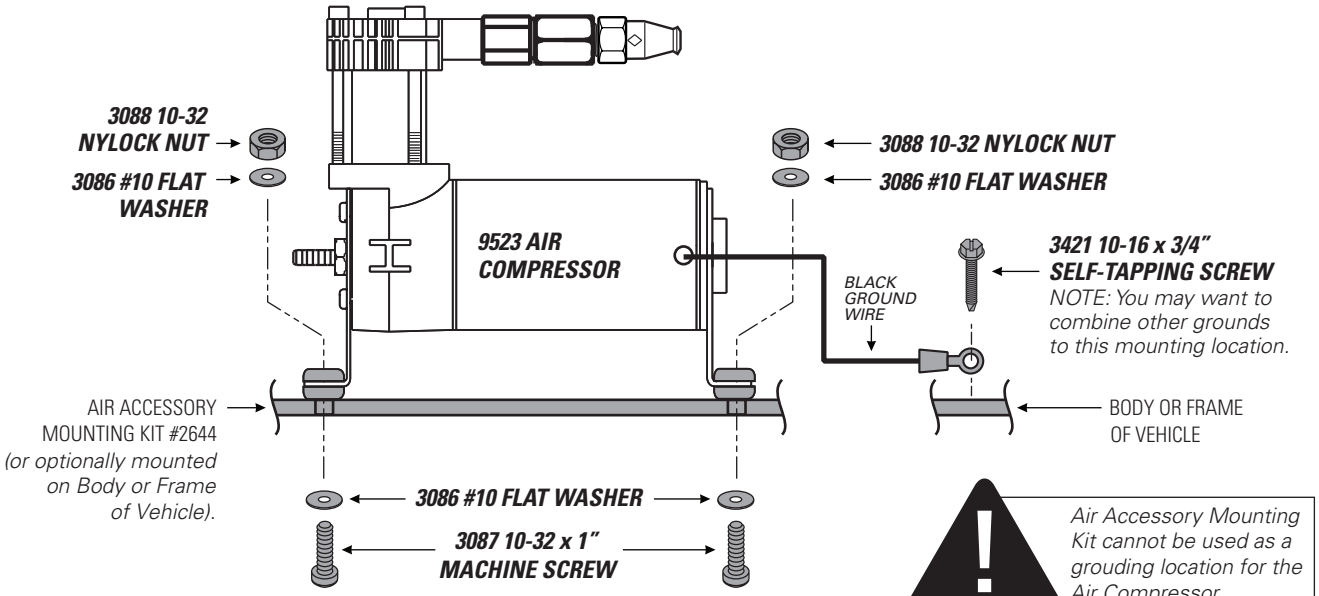
DO NOT OVER TIGHTEN MOUNTING BOLTS AND NUTS ON THE AIR COMPRESSOR. TOO MUCH TORQUE CAN CRUSH THE BRASS INSERTS AND RUBBER ISOLATORS.

1. Mount the Air Compressor to the hole locations on the provided Mounting Kit using the supplied fasteners. DO NOT OVERTIGHTEN.

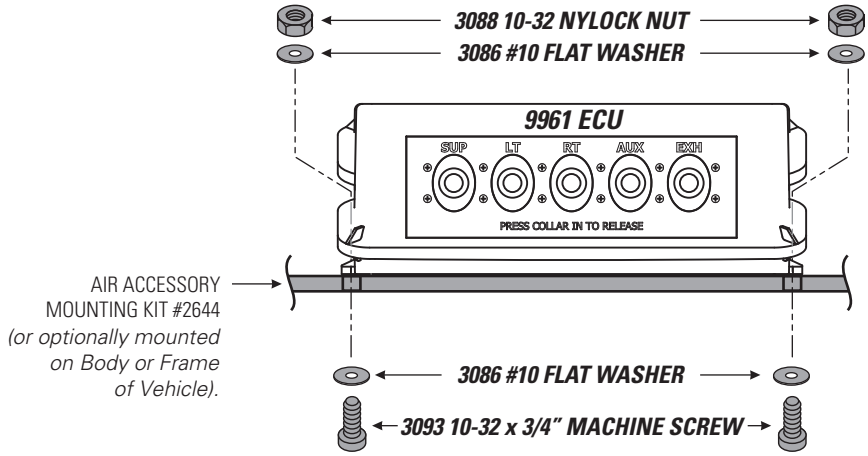
2. Mount the ECU to the hole locations on the provided Mounting Kit using the supplied fasteners.

3. Mount the black ground wire ring terminal using the supplied fasteners. Assure that the ring terminal makes a solid contact with bare metal for a proper ground.

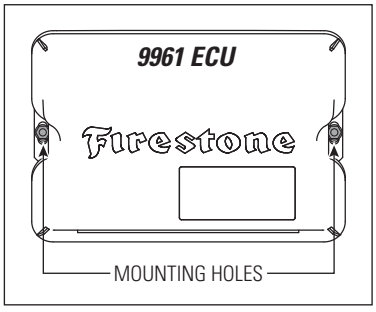
OPTIONAL Mount to the drill holes made in the frame. Do this only if the mounting kit will not mount to the frame of the vehicle.



Air Accessory Mounting Kit cannot be used as a grouding location for the Air Compressor.



TOP VIEW

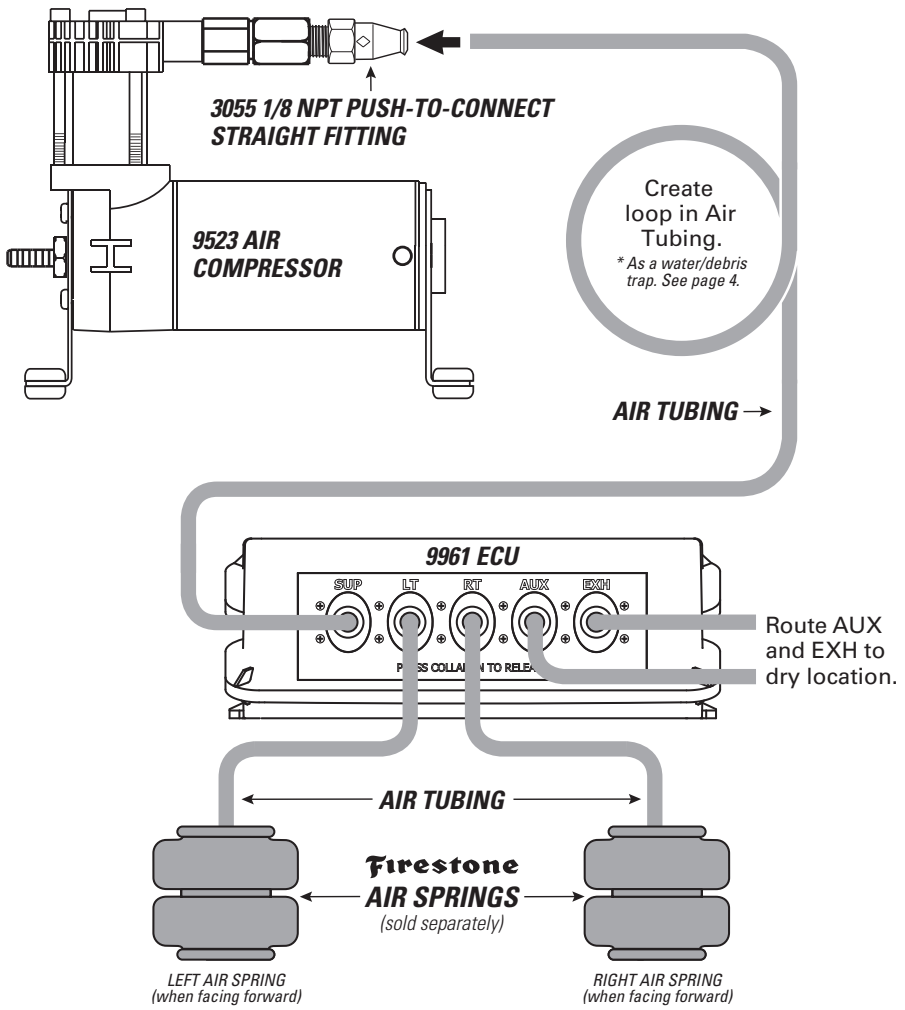


EXHAUST ALL AIR FROM THE SYSTEM PRIOR TO RELEASING AIR TUBING FROM AIR FITTINGS. 5 PSI

1 Route the Air Tubing from 1/8 NPT Push-to-Connect Straight Fitting on the top of the Air Compressor to the Supply (SUP) Air Fitting on the ECU, leaving room to secure it safely. Use the guidelines on page 4 for proper Push-to-Connect Straight Fitting install.

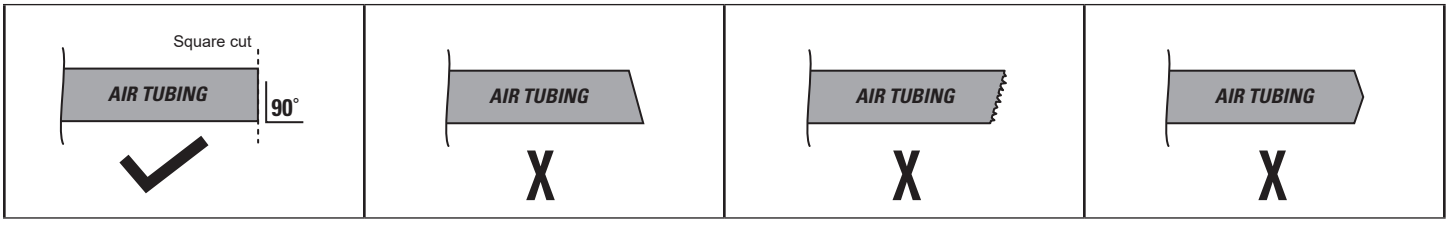
2 Repeat Step 1 to route Air Tubing from the ECU to the Air Springs. Use the RT and LT Air Fittings on the ECU.

3 Install Air Tubing to the Exhaust (EXH) Air Fitting to reduce exhaust noise and prevent dirt from clogging the port (recommended for off-road or dirty environments). Do not exceed 16" of Air Tubing, and secure it so the end turns to the ground.

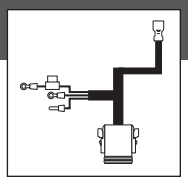


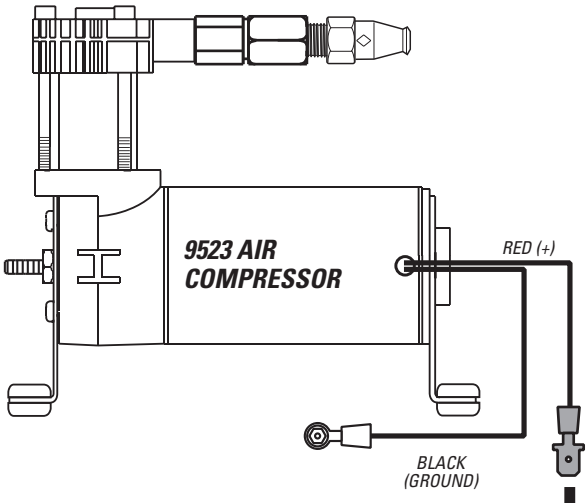
DO	DON'T
Make sure the cut is as square as possible. Use a tube cutter or very sharp utility knife.	Fold or kink the Air Tubing. Cut the Air Tubing at an angle. Use pliers, scissors, snips, saws, or side cutters.

PROPER AND IMPROPER CUTS IN THE AIR TUBING



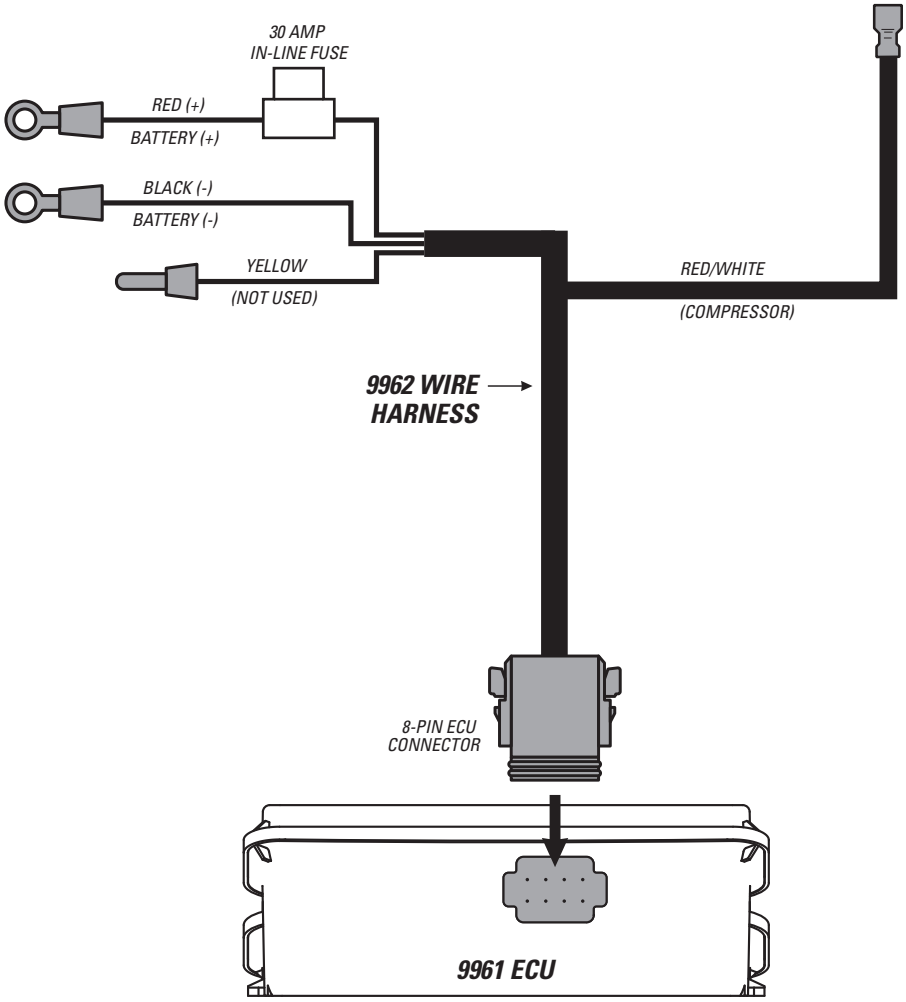
5 INSTALL THE WIRE HARNESS



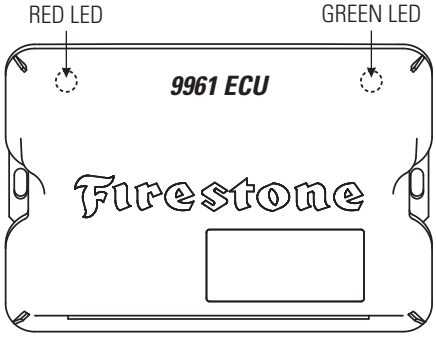


Why ground the Wire Harness to the battery? The ECU needs a good, clean ground for optimal accuracy. The Air Compressor can ground to the frame, but the ECU cannot.

1 Route the Wire Harness in the most protected manner possible, and securely make all connections as shown.



ECU INDICATOR LIGHTS (Inside Case)



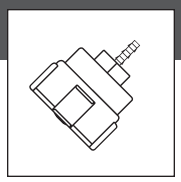
LEDs off – ECU off

Red LED flashing – Errors are present

Green LED flashing – Bluetooth not connected, normal operation

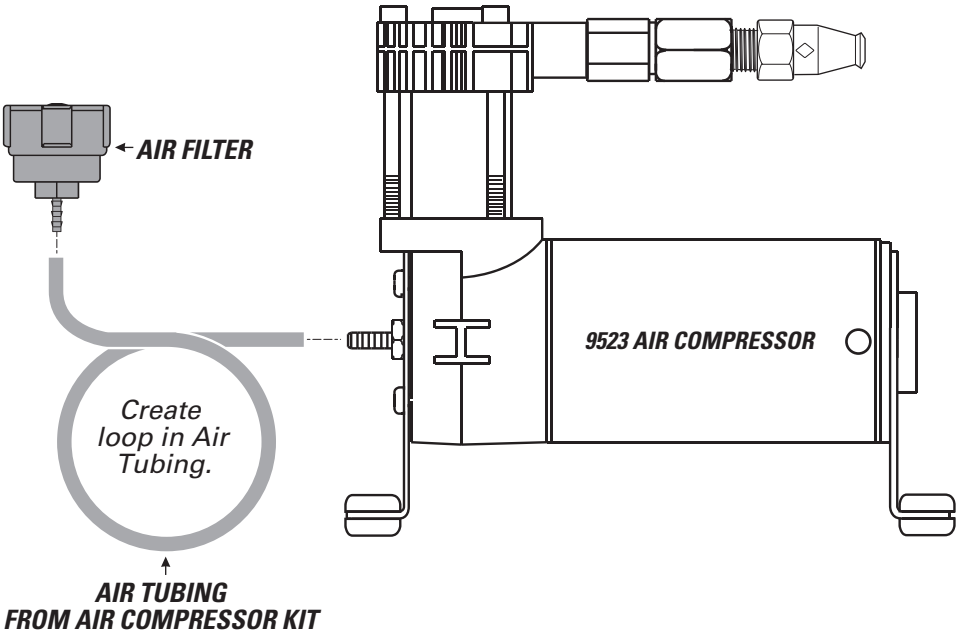
Green LED solid – Bluetooth connected, Normal operation

INSTALL THE AIR FILTER 6

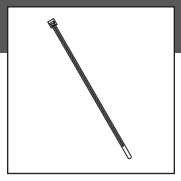


FILTER LIFE WILL VARY BASED ON ENVIRONMENTAL CONDITIONS. PROTECT THE AIR COMPRESSOR BY CHANGING THE AIR FILTER MORE FREQUENTLY IN DUSTY CONDITIONS.

1. Fully secure the Air Filter barb into the Air Tubing from the Air Compressor Kit.
2. Press Air Tubing onto the barb on the Air Compressor Air Fitting until fully seated. Assure you create a loop in the Air Tubing, as shown, when securing it to the vehicle.
3. Periodically check the Air Filter during operation. When the Air Filter is dirty and needs to be replaced, contact an Authorized Firestone dealer to purchase a new one.



CLEAN UP INSTALLATION 7



1. Clean up the installation using supplied Nylon Ties, and return all factory parts and materials to operative state.

USING SUPPLIED NYLON TIES, SECURE ALL WIRING AND AIR TUBING IN A MANNER THAT DOES NOT OBSTRUCT MOVING PARTS OR IN ANY WAY THAT AFFECTS YOUR ABILITY TO SAFELY OPERATE THE VEHICLE.

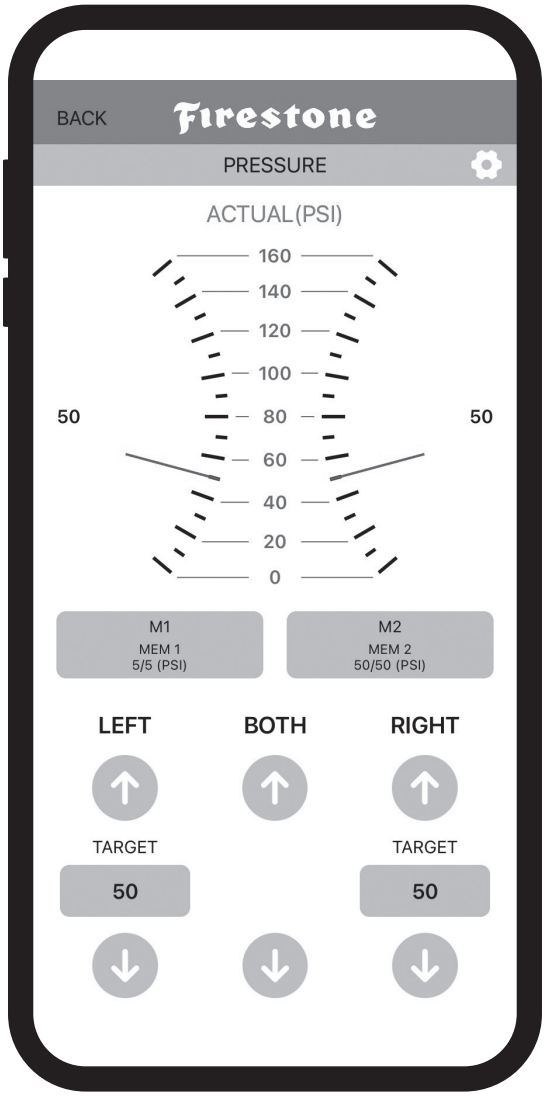
1. Download app from Google Play or Apple Store. Search for 'Air Command Dual'.

2. Start the vehicle and open app.

3. Select **SCAN** and click on the ECU from the screen.

4. Follow onscreen prompts to link to the ECU and press **NEXT.**

5. Default passkey is **123456.**

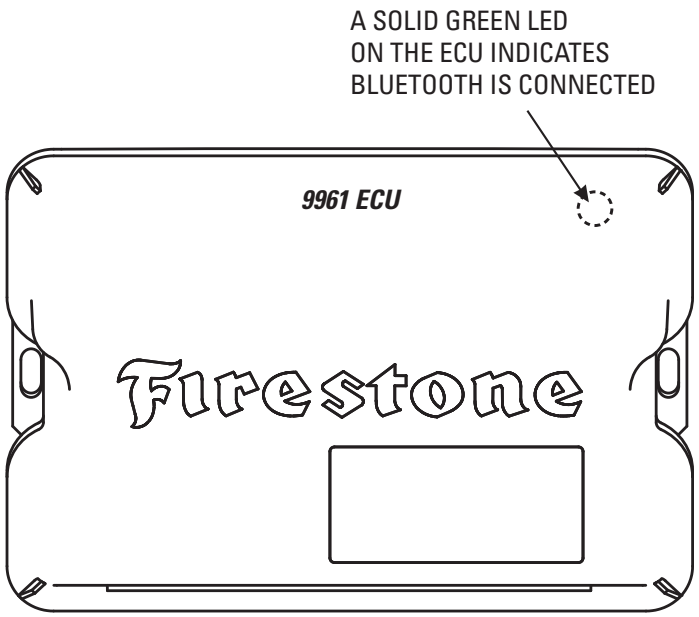


6 FACTORY RESET
(TROUBLESHOOTING ONLY)

- Remove fuse from red wire by battery or remove wire harness connector from ECU
- Remove app from phone
- Reinstall fuse or plug wire harness connector back into the ECU
- Download the app

The ECU will remain active for two hours after initial installation or factory reset.

After voltage drop due to engine stop, the ECU will remain active for up to thirty minutes.



OVER THE AIR FIRMWARE UPDATE

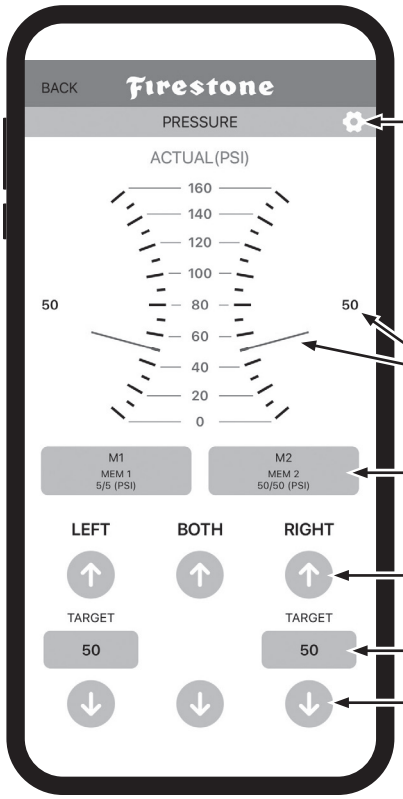
If an OTA update is available, a popup will appear on the app to activate.

After voltage drop due to engine stop, the ECU will remain active for five minutes.

- If you select **SKIP**, the firmware can be updated once connected to the app
- If you select **INSTALL**, the firmware will begin to update. This will take approximately 3-4 minutes
- Keep the app open during the update and stay within range of the ECU until complete
- Once OTA is complete, restart the app, use the default passkey, and use as normal

9 USING THE AIR COMMAND™ DUAL APP

MAIN SCREEN



SETTINGS ICON

ACTUAL PRESSURE

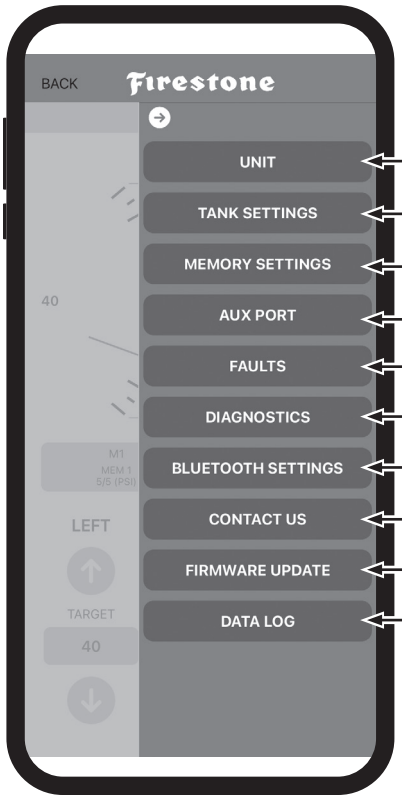
MEMORY BUTTONS
(Tap to activate)

INCREASE PRESSURE
(Tap to activate)

TARGET PRESSURE
(Tap to activate)

DECREASE PRESSURE
(Tap to activate)

SETTINGS



CHANGE UNITS

TURN TANK MODE ON/OFF,
SET PRESSURES FOR TANK

MODIFY MEMORY PRESSURES AND NAMES

CONTROL AUX PRESSURES

VERIFIES SYSTEM ISSUE WITH
TROUBLESHOOTING STEPS

SHOWS SYSTEM INFORMATION

BLUETOOTH SETTINGS

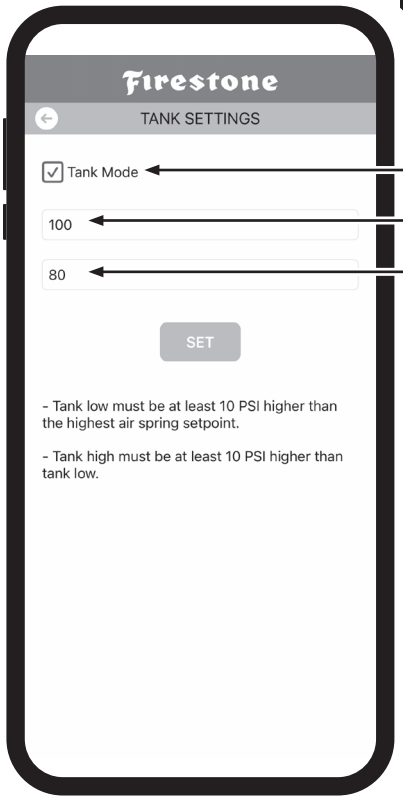
CONTACT

OVER-THE-AIR UPDATE FOR THE ECU

USED FOR TROUBLESHOOTING THE SYSTEM

TANK SETTINGS

TANK MODE SHOULD NOT BE USED IN THIS KIT.

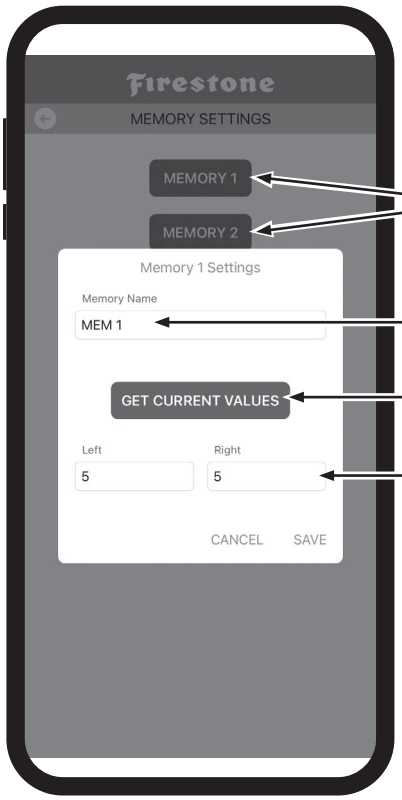


TOGGLE TANK MODE ON/OFF

COMPRESSOR OFF

COMPRESSOR ON

MEMORY SETTINGS



SELECT MEMORY 1 OR 2

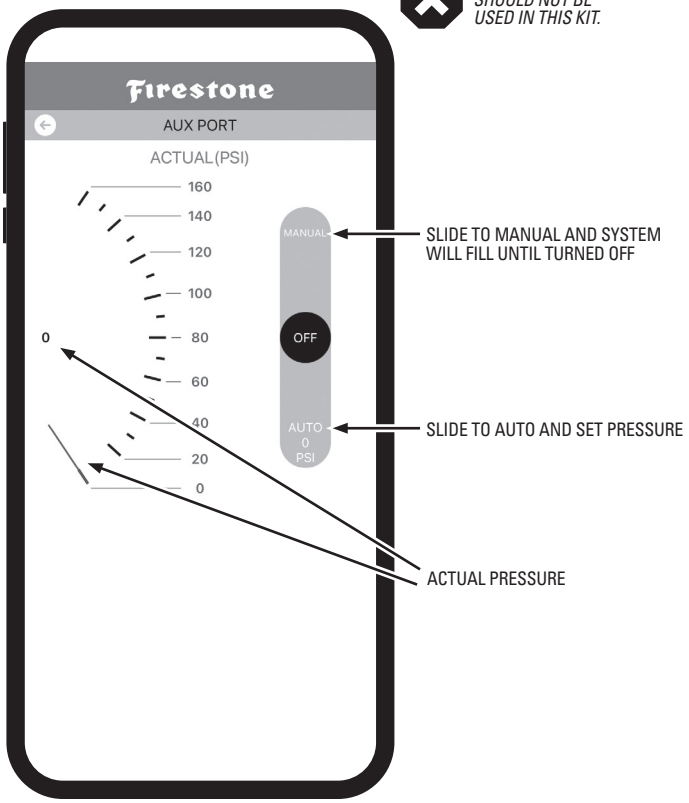
CHANGE MEMORY NAME

SELECT FOR CURRENT SYSTEM SETTINGS
(AUTOFILL)

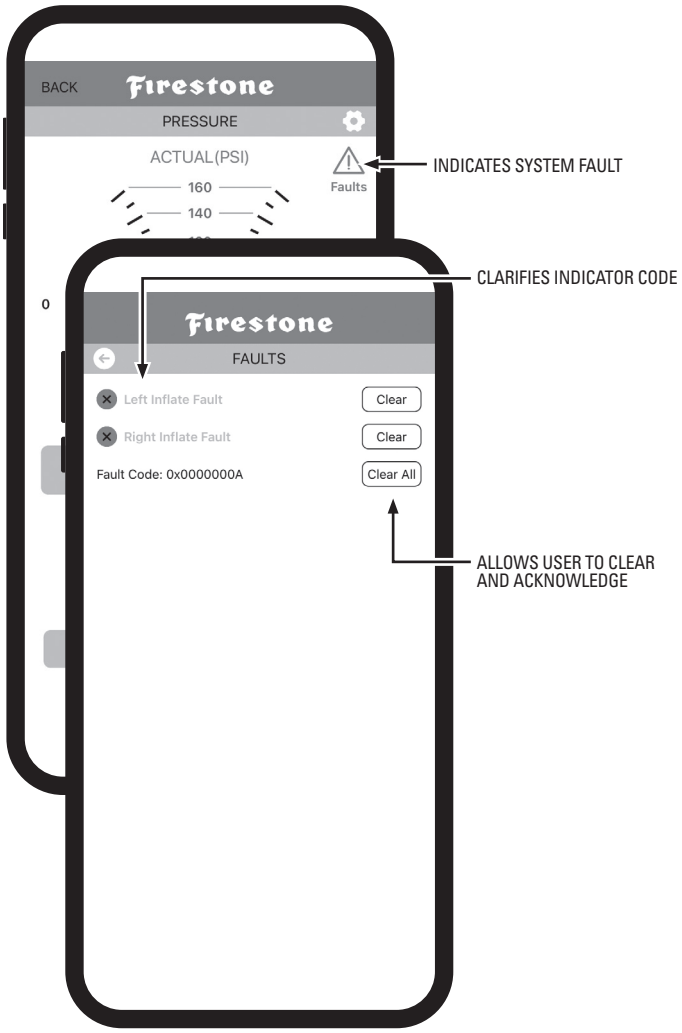
MODIFY MEMORY PRESSURES

AUXILIARY

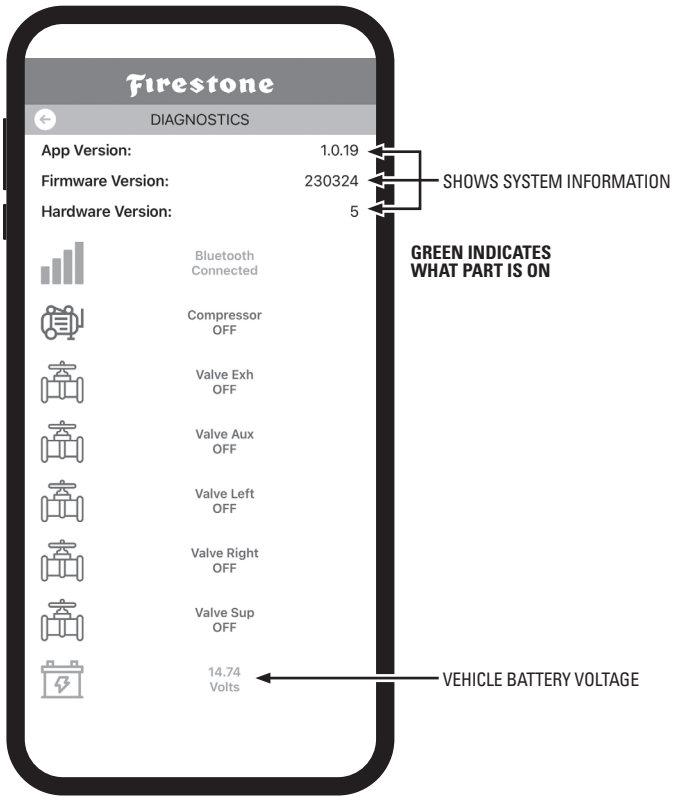
AUXILIARY MODE SHOULD NOT BE USED IN THIS KIT.



SYSTEM FAULT

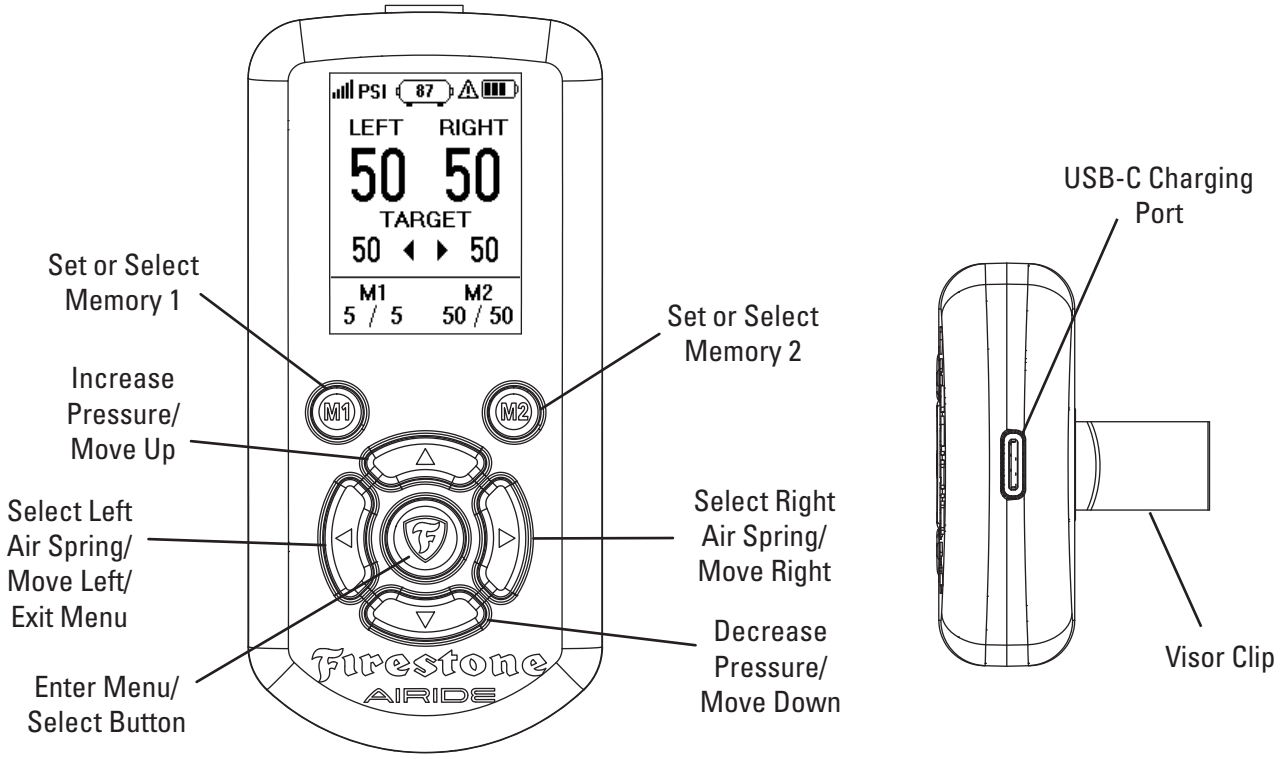


DIAGNOSTICS

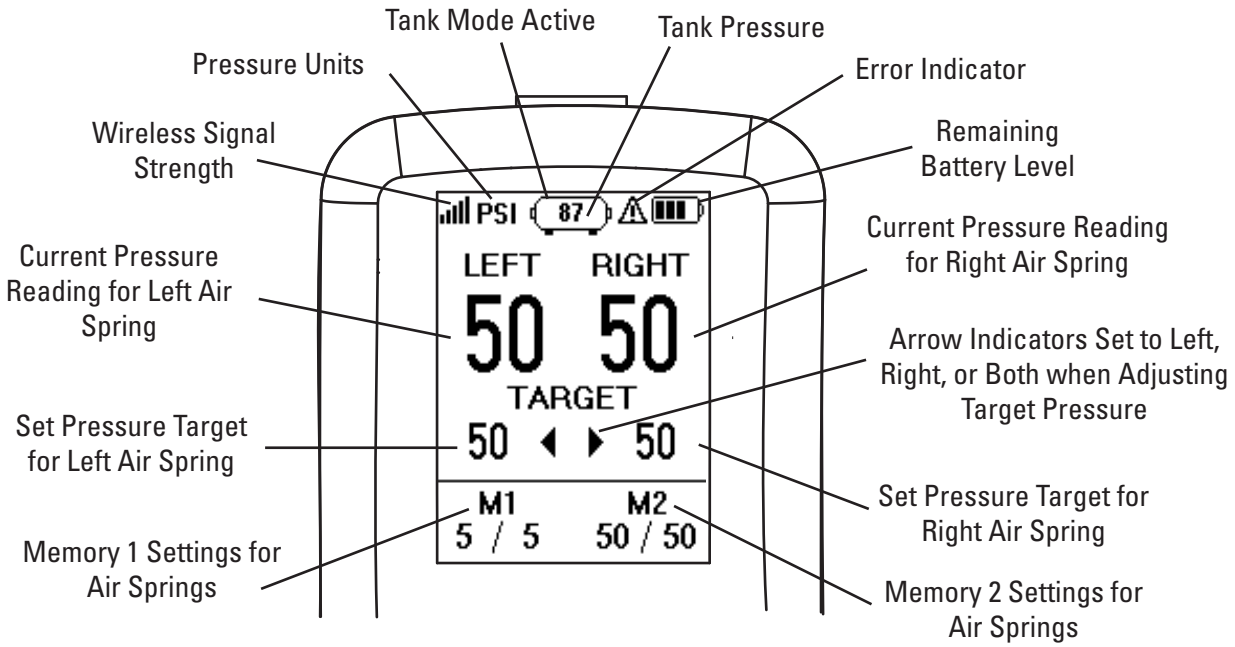


GREEN INDICATES WHAT PART IS ON

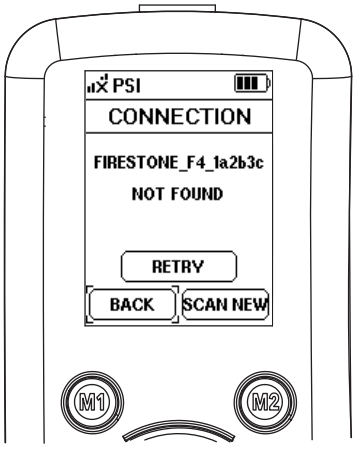
1 FUNCTIONS OF REMOTE BUTTONS



2 HOME SCREEN LAYOUT



3 CONNECTING TO AN ECU



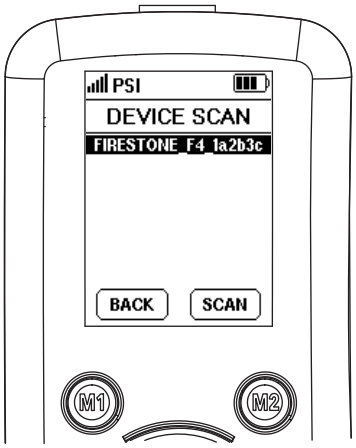
1 Initial Connection

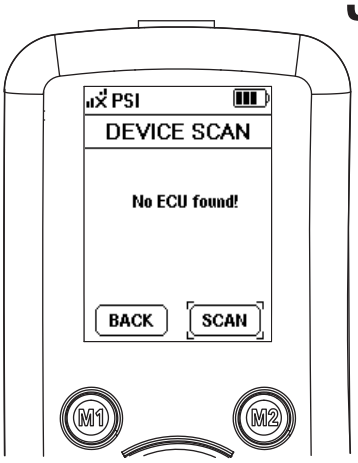
Each remote is tested and paired with an ECU prior to shipping to make sure it functions correctly. Expect to see that an ECU is not found when first turning on the remote.

Move to and enter the 'Scan New' function to find your ECU.

2 Device Scan

This page shows all ECUs found when a new scan is complete. To make initial startup easier, only have one ECU powered on at a time. The first ECU found will automatically be selected and highlighted at the top of the screen. Press the F-sheild Button to connect to that ECU.





3 Device Scan Continued

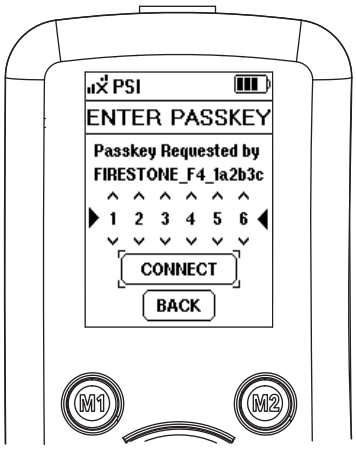
If no ECU is found, none will be selectable to connect to. If that is the case, please make sure power is getting to the ECU.

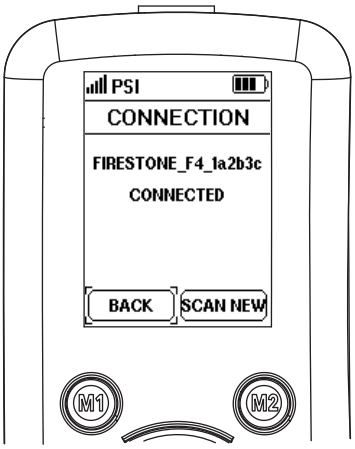
If the ECU has a green LED flashing the power is on, but no connection has been made. Once connected the LED should be stop flashing but stay green.

4 Enter Passkey

The connection process requires a Passkey to pair with the ECU. The default Passkey is 123456.

If the ECU has been connected to a phone app double check that the Passkey is the same as on the app. The remote will ask for a different Passkey if incorrect. Once successful, the remote will return to the home screen.





5 Connection

Shows if the remote is connected to the system.

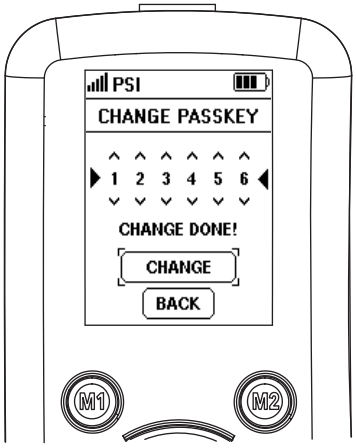
**Not Found* is usually caused by the system not having power.

**Not Connected* is usually caused by an incorrect Passkey. It has found the unit, but cannot connect.

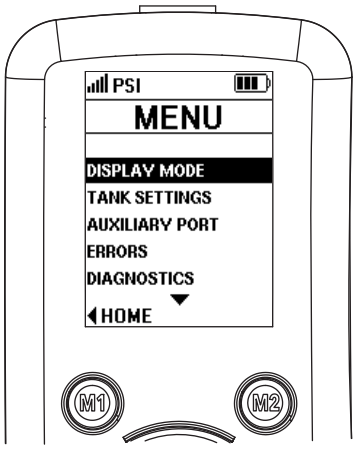
6 Change Passkey

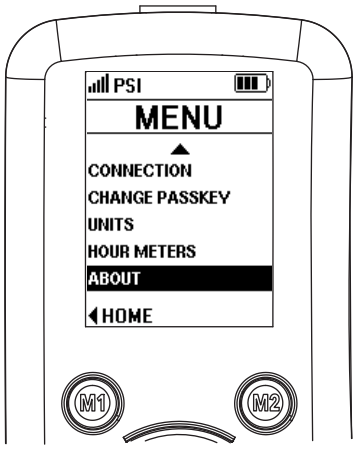
It is possible to change the remote passkey in the menu settings shown on the next page.

*Remember, the default passkey is 123456.



4 MENU SCREEN



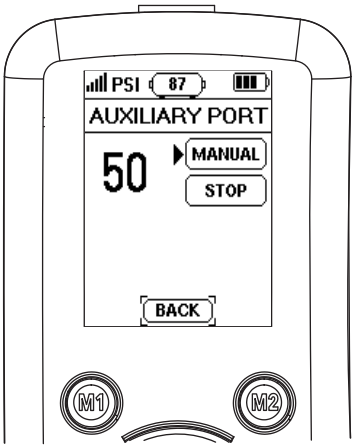


Menu

Pressing the center F-Shield Button provides access to the remote menu. All additional settings are available here.

Use the Up ▲ and Down ▼ Arrow Buttons to navigate the menu. Press the Left ◀ Arrow to exit to the Home Screen.

5 ADDITIONAL FEATURES

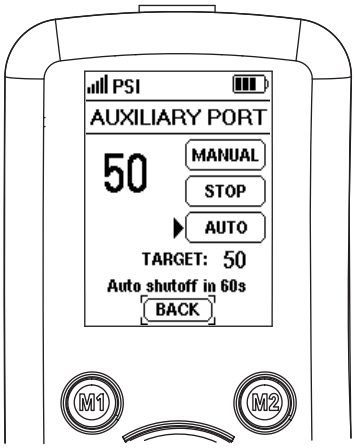


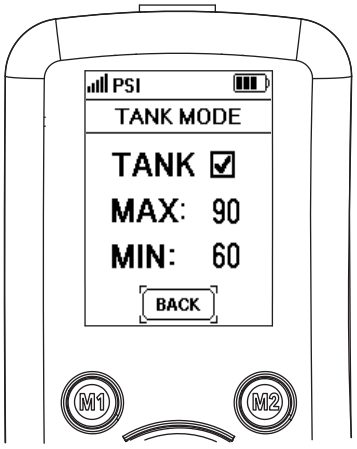
Auxiliary Port

AUXILIARY MODE SHOULD NOT BE USED IN THIS KIT.

Manual Mode, when selected, will run the compressor until the user presses the stop button. Measured pressure is shown on the left.

Automatic Mode is only available when Tank Mode is not active. Set desired target pressure and compressor will run until pressure is met or it has ran for 60 seconds. It can be ran multiple times if needed.





Tank Mode

TANK MODE SHOULD NOT BE USED IN THIS KIT.

Check when a tank is connected to the air spring system.

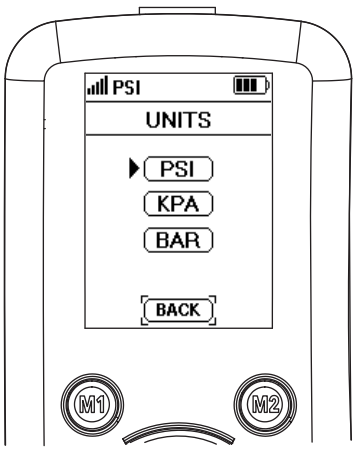
Minimum pressure must be greater than pressure in the air springs.

Maximum pressure can be set at most 40 PSI greater than minimum pressure.

Units

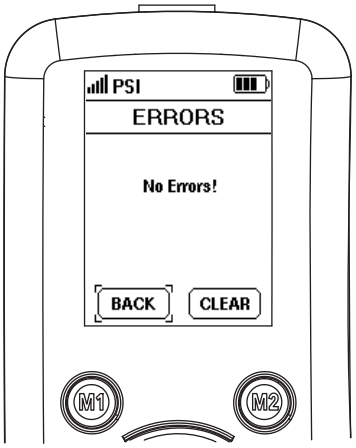
Select pressure unit of measure.

PSI - Imperial
KPA - Metric (SI)
BAR - Metric



6 DATA ANALYTICS

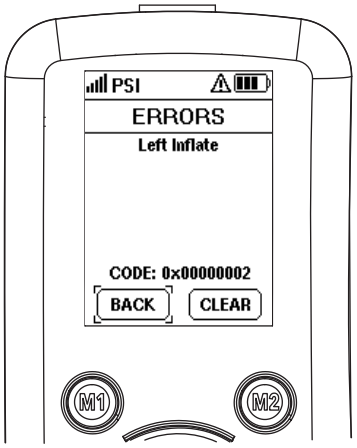
Errors



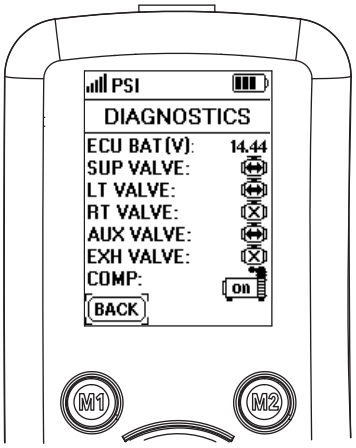
Error codes help diagnose issues with the physical system. These codes identify pressure leaks, inflation issues, wiring problems, etc. Refer to the troubleshooting guide in the manual provided in the Air Command Kit for working through initial common issues.

Once the issue is resolved make sure to clear the errors. This will also reset (remove) the error indicator from the top right of the screen and allow the system to operate normally.

If these codes or system issues persist, please reach out to **rrtech@fsip.com**.



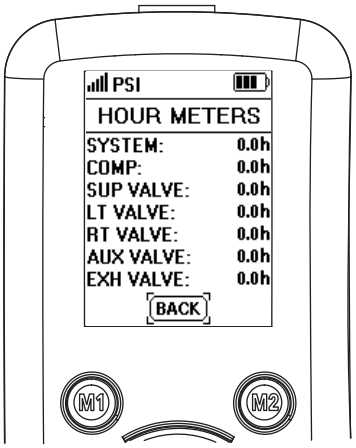
Diagnostics



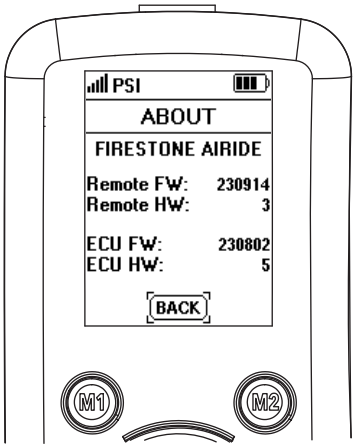
This page shows current operation of all air valves and compressor states (on or off) and the battery voltage coming into the ECU.

Hour Meters

This page shows how long the ECU, compressor, and air valves have operated since the system was installed.



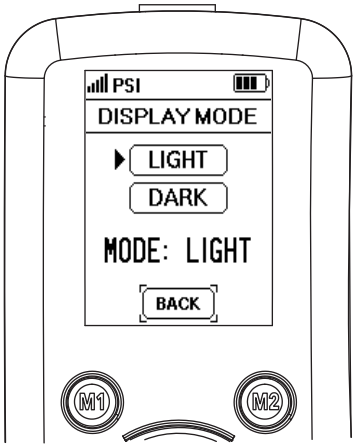
About



This page provides the current Firmware and Hardware information for both the Remote and ECU.

Display Mode

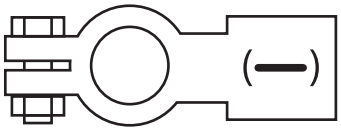
The Air Command Dual Remote comes standard with Dark Mode activated. The use has the ability to change between more or less LEDs lit depending on preference and ambient conditions.



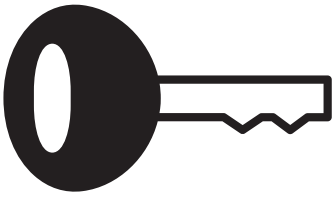
11 TEST THE SYSTEM

With the Air Command™ Dual App and your Air Springs installed, you are ready to test the system.

1 Reattach the negative battery cable.

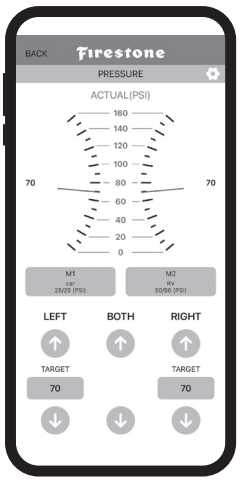


2 Turn on your vehicle's ignition.



3 Use the Air Command™ Dual App or Dual Remote to inflate the Air Springs to 70 PSI. See Step 9 or 10 for details.

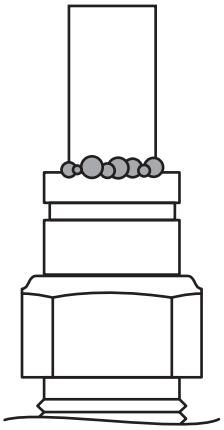




4 Spray fittings with soap and water mixture or glass cleaner.

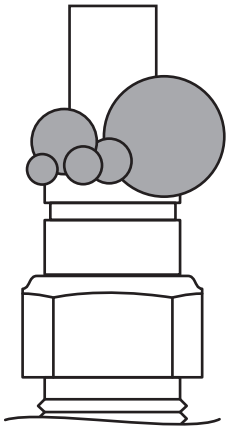


5 Observe bubbles.



SMALL SOAP BUBBLES THAT DO NOT EXPAND

✓



SOAP BUBBLES THAT EXPAND

X

NO LEAKS?

Congratulations! You're riding right with the push of a button! Remember to review the Operating Instructions.

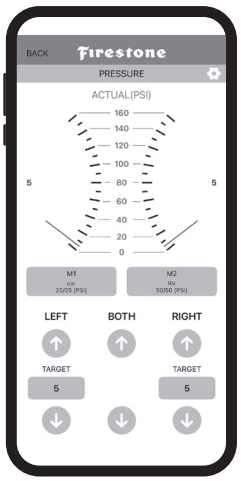
LEAK?

Bummer. Continue to Step 12 to fix the leak.

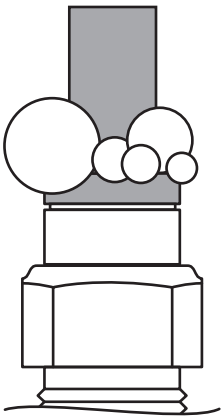
EXHAUST ALL AIR FROM THE SYSTEM PRIOR TO RELEASING AIR TUBING FROM AIR FITTINGS.

5 PSI

1 Use the Air Command™ Dual App or Dual Remote to deflate the Air Springs to 5 PSI.
See Step 9 or 10 for details.

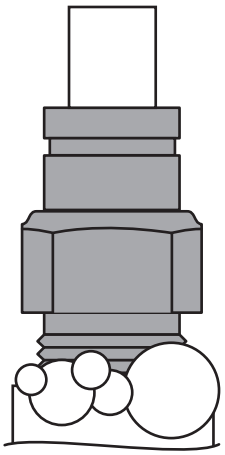


LEAK AT AIR TUBING AND AIR FITTING



Release Air Tubing (see page 4). Review proper cuts and procedures in Step 5. Repeat Step 5.

LEAK AT BASE OF AIR FITTING



Tighten Air Fitting one turn or until leak stops.

STILL HAVE A LEAK?

Refer to the Troubleshooting section of the Instruction Manual. If the leak persists, or if there is an issue with a leaking part, email us at rrtech@fsip.com. If emailing, please include photos to help us better diagnose and understand any problems you may be experiencing.

NOTES

AIRIDE

firestoneairide.com

BEFORE YOU DRIVE, CONFIRM THE FOLLOWING:

- ☐ Secure all Air Tubing and wiring.
- ☐ The system passes the leak test and holds air.
- ☐ The Air Compressor ground ring terminal is contacting bare metal, and coated with silicone if possible.
- ☐ The Wire Harness is grounded to the negative (-) battery terminal. The ECU needs a good, clean, interference-free ground.
- ☐ There is a loop in the Air Tubing as shown to prevent water or debris from getting into the Air Compressor head and damaging it.

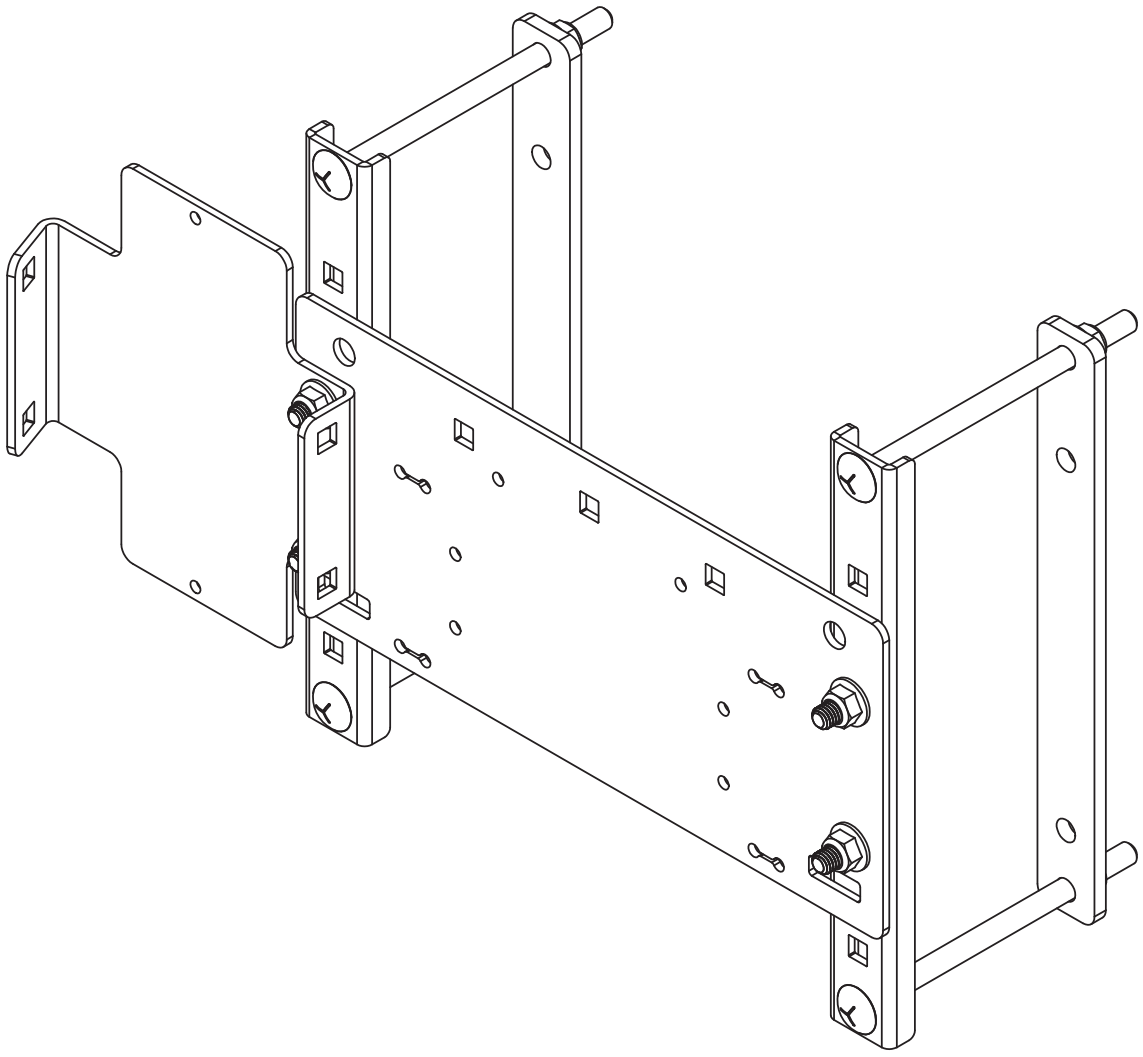
Or, email us at **rrtech@fsip.com**. If emailing, please include photos to help us better diagnose and understand any problems you may be experiencing.

2644

AIRIDE

firestoneairide.com

INSTALLATION INSTRUCTIONS



09-24

! IMPORTANT

PLEASE DON'T HURT YOURSELF, YOUR KIT OR YOUR VEHICLE. TAKE A MINUTE TO READ THIS IMPORTANT INFORMATION.

DO NOT INSTALL IF THE TRUCK HAS BEEN LIFTED AND THE STOCK JOUNCE BUMPER SPACERS ARE NOT ON THE VEHICLE. *This kit is to be used on a **pickup truck only**, and **DOES NOT INCREASE YOUR VEHICLE'S MAXIMUM LOAD.***

SAFE INSTALLATION

Please take all safety precautions during installation. A hydraulic jack can fail, and if that happens, you can be seriously hurt, or worse, if you are relying on it to hold up the vehicle. If you use a hydraulic jack, secure jack stands in the appropriate locations and chock any tires still touching the ground.

Wear safety glasses or goggles. Your eyes may be lower than some parts and pieces, and you don't want to lose an eye.

Remove the possibility of any electrical issues by disconnecting the negative battery cable.

KIT USES

This kit works with Air Command Kits 2930, 2931, 2933, and 2934. Refer to the following pages for kit-specific layouts to ensure all of the components fit onto the Compressor Mount Plate.

VEHICLE GVWR

NEVER exceed the maximum load recommended by the vehicle manufacturer (GVWR). The GVWR can be found in your vehicle's owner's manual or on the data plate on the driver's side door.

INFLATING THE AIR SPRINGS

When inflating air springs, add air pressure in small quantities, checking air pressure frequently. The air springs have much less air volume than a tire, so they inflate much more quickly.

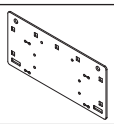
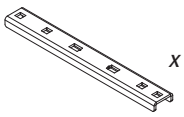
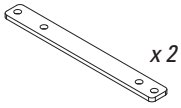
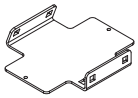
APPROPRIATE AIR PRESSURE

For best ride, use only enough air pressure in the air springs to level the vehicle when viewed from the side (front to rear). This will vary, depending on the load, location of the load, condition of the existing suspension, and personal preference.

PARTS

Compare the parts below to your kit. Ensure you have all pieces, and organize them for an easier installation.

MAIN KIT CONTENTS

PT # 5694	 x 1 NO DRILL COMPRESSOR PLATE	PT #5965	 x 2 PLATE CHANNEL MOUNT	PT # 5966	 x 2 BACKING PLATE
PT # 5698	 x 1 ECU MOUNTING BRACKET				

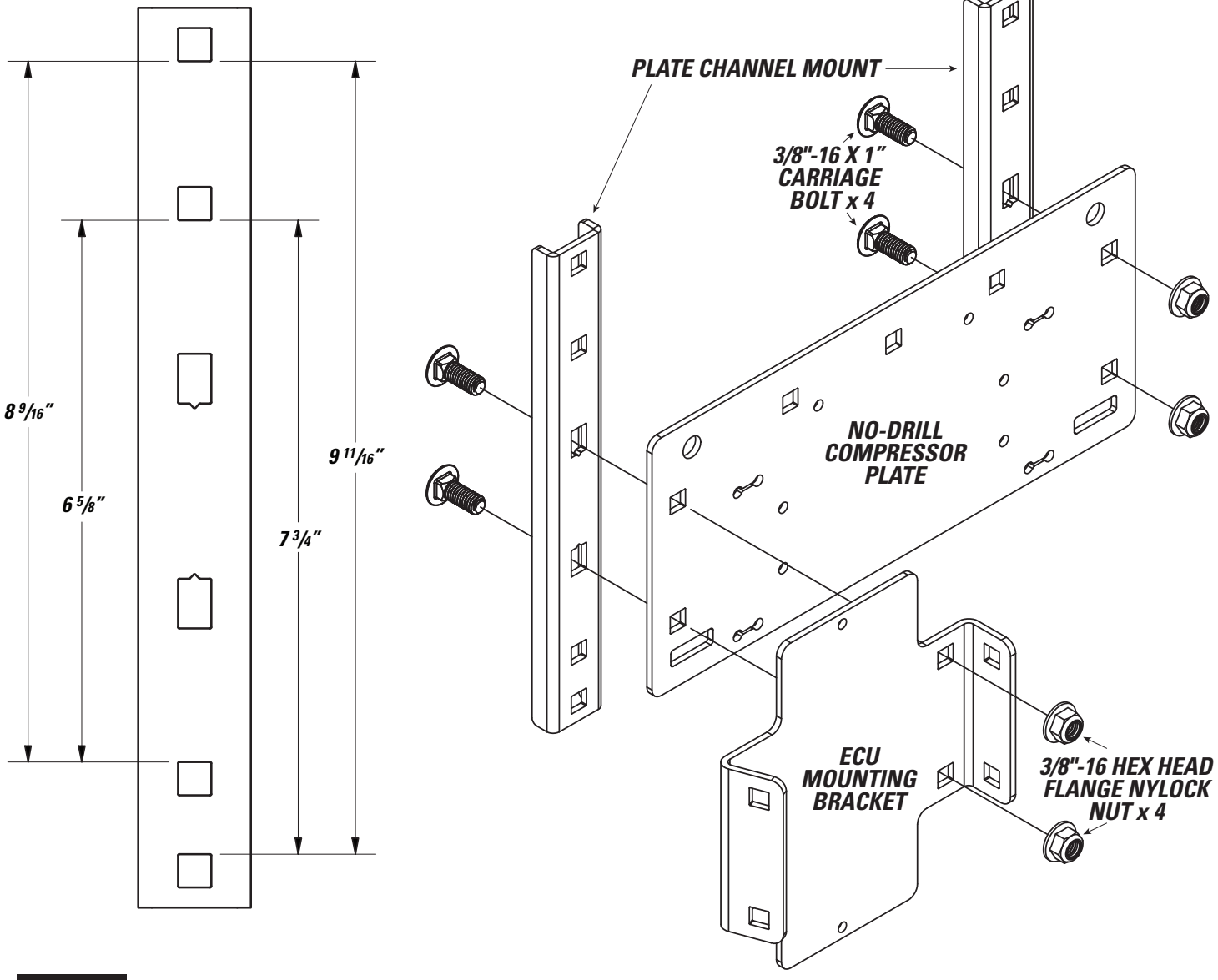
A21-760-2644 HARDWARE PACK

PT # 3067	 x 8 3/8"-16 HEX HEAD FLANGE NYLOCK NUT	PT # 3072	 x 4 3/8"-16 X 1" CARRIAGE BOLT	PT # 3502	 x 8 3/8"-16 X 6" CARRIAGE BOLT

1 Mount the No-Drill Compressor Plate to the Plate Channel Mounts shown below.

2 Align the Compressor Plate to the bottom of the slots in the Plate Channel Mount.

3 Select a suitable location for installation on the vehicle frame rail. Take a tape measure to get a rough height of the frame rail. Use that measurement to determine which holes to use in the mounting plates (distances between holes shown below). It is recommended to mount to the passenger side frame rail as the vehicle's battery is normally located in the engine compartment on the passenger side. Double check before final installation.

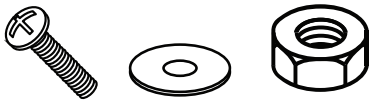


NOTE:

The recommended mounting orientation of the ECU Mounting Bracket is shown above. Other orientations are possible if there is not enough space for the width of the assembly. Please see Alternate ECU Mounting Configurations in Section 7 for other potential mounting options. Additional fasteners are included if needed.

2 INSTALL THE ECU

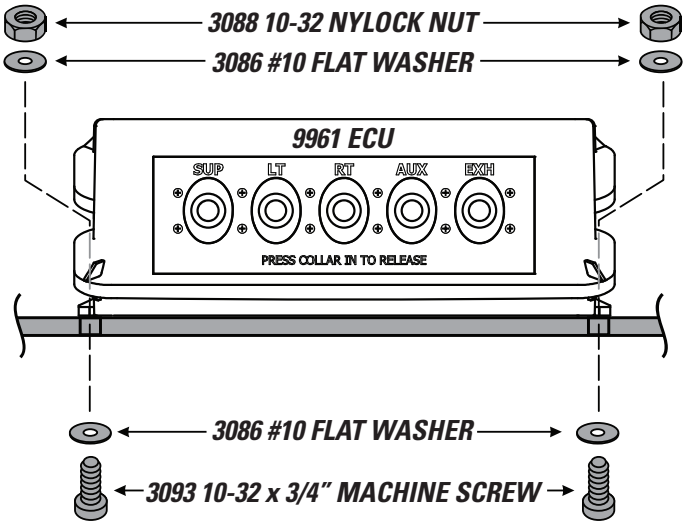
Fasteners included in Air Command Kit

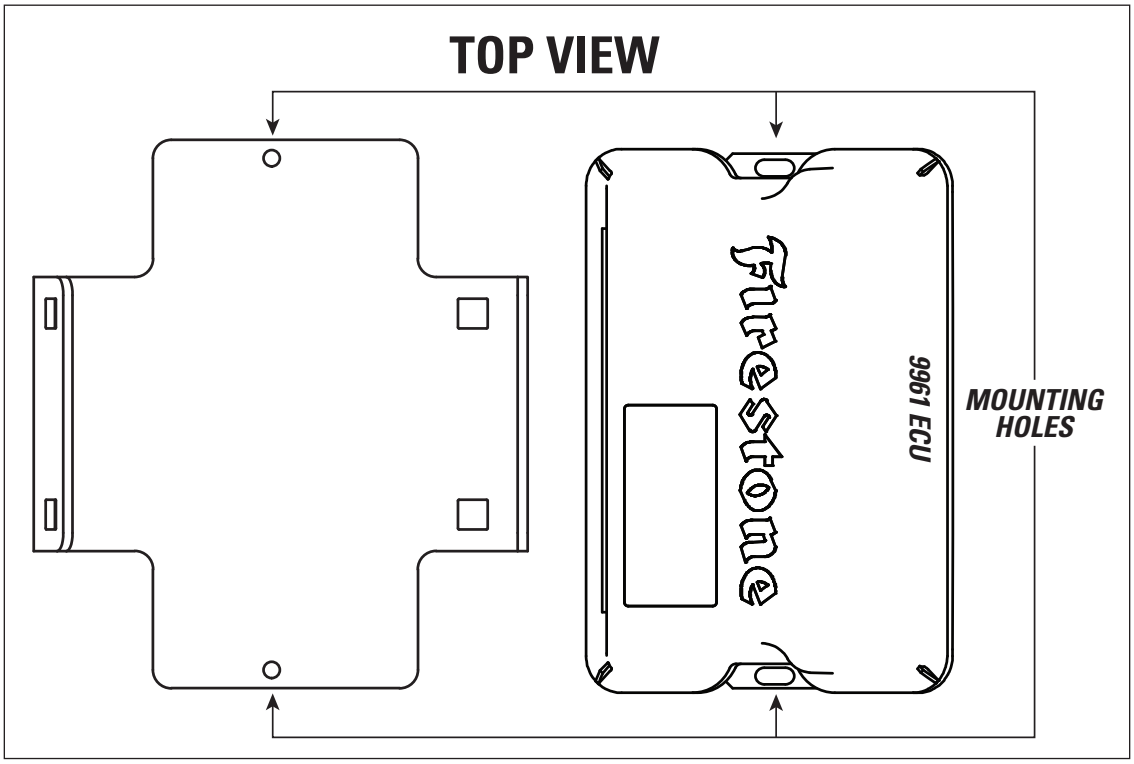


x 2 x 4 x 2

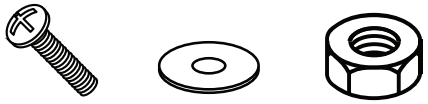
DO NOT OVER TIGHTEN MOUNTING BOLTS AND NUTS ON THE ECU. TOO MUCH TORQUE CAN CRACK THE PLASTIC FEET ON THE ECU.

1 Mount the ECU to the hole locations in the Compressor Plate using the supplied fasteners. DO NOT OVERTIGHTEN.





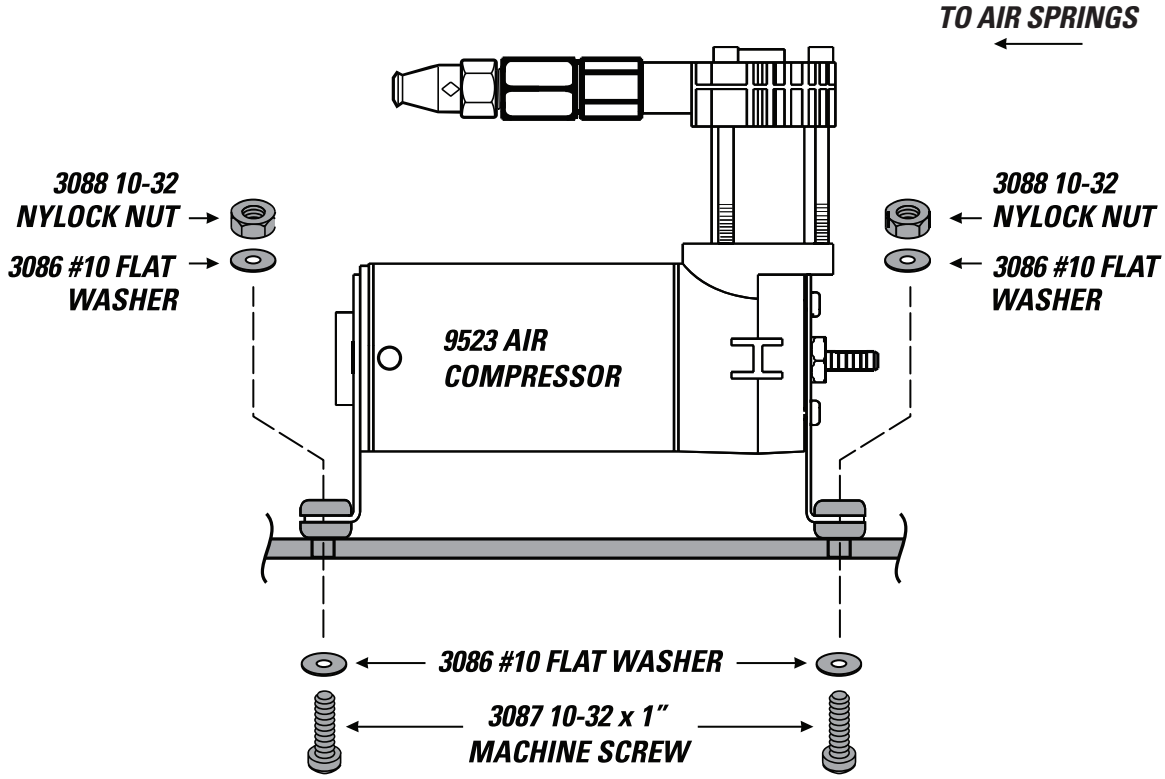
Fasteners included in Air Command Kit

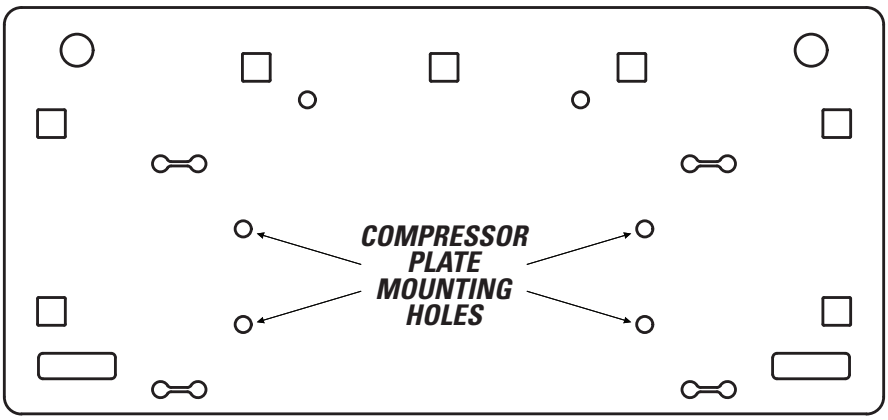


DO NOT OVER TIGHTEN MOUNTING BOLTS AND NUTS ON THE AIR COMPRESSOR. TOO MUCH TORQUE CAN CRUSH THE BRASS INSERTS AND RUBBER ISOLATORS.

1 Mount the Air Compressor to the hole locations in the Compressor Plate using the supplied fasteners. DO NOT OVERTIGHTEN.

2 It is recommended to face the outlet of the compressor towards the air springs on the rear axle of vehicle.





4 MOUNTING TO THE VEHICLE - **USE FOR STANDARD DUTY AIR COMMAND KITS 2931 & 2933**

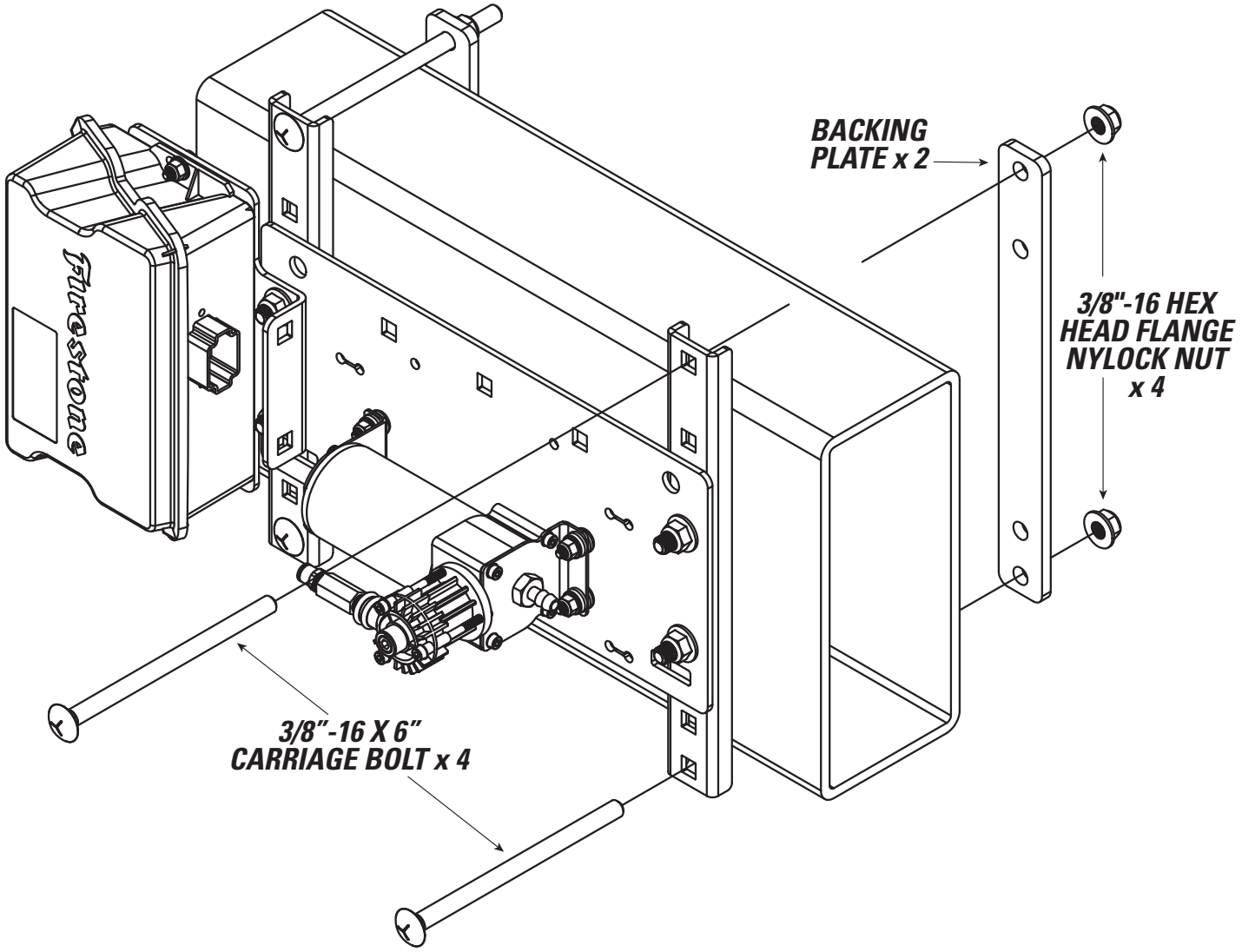
AIR ACCESSORY MOUNTING KIT CANNOT BE USED AS A GROUNDING LOCATION FOR THE AIR COMPRESSOR

1 Install the compressor bracket assembly to the vehicles frame rail, using whichever carriage bolt holes are closest to the top and bottom of the vehicle frame as was determined in Step 1.

RECOMMENDED

2 Follow Air Command Kit instructions to run air line from the Air Compressor to the ECU.

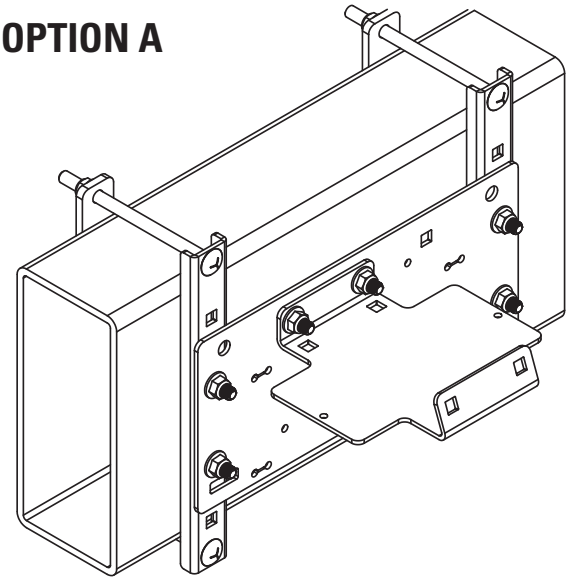
3 Continue following the Air Command Kit instructions to connect all air tubing and electrical wiring.

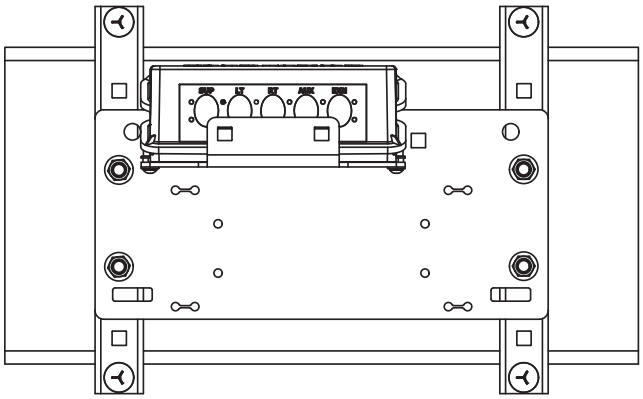


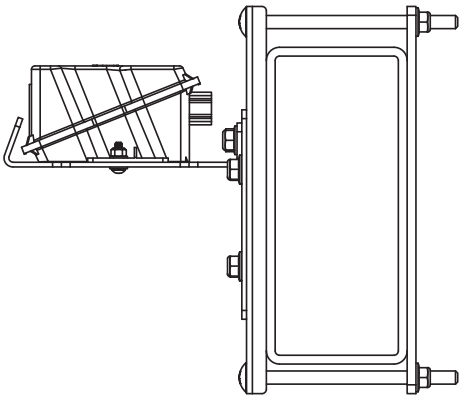
1 In case there is not enough room for the recommended mounting of the ECU Mounting Bracket, additional mounting holes are provided for alternate orientations. Two options are shown below.

2 Use the provided additional 3/8"-16 x 1" Carriage Bolts and 3/8"-16 Hex Head Flange Nylock Nuts to mount the ECU Mounting Bracket.

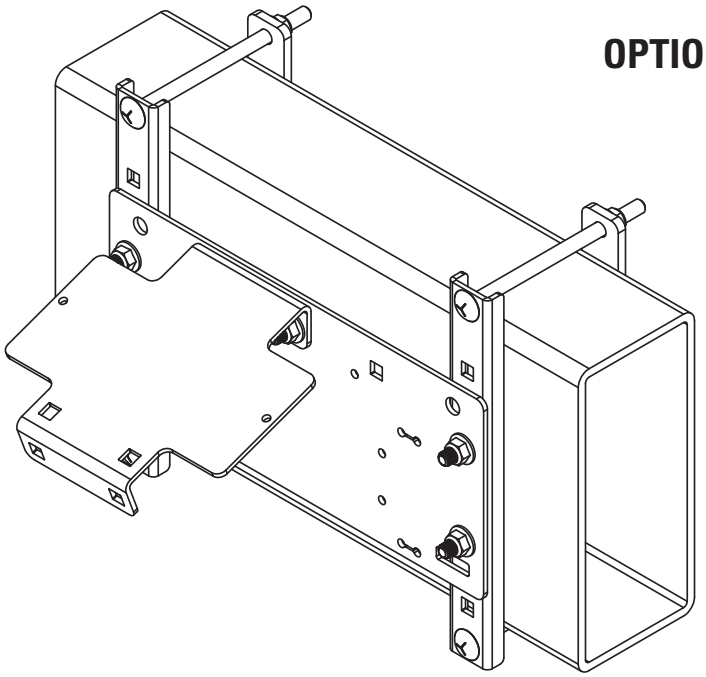
OPTION A

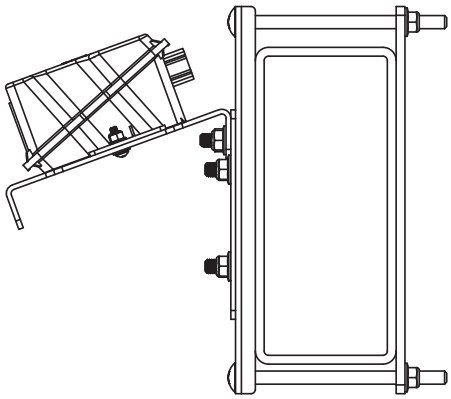






OPTION B





AIRIDE

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BEFORE YOU DRIVE, CONFIRM THE FOLLOWING:

☐ Make sure all fasteners are tight and secure.

☐ Make sure the installation does not interfere with any other components on the vehicle.

☐ Reattach negative battery cable.

NEED INSTALLATION HELP?

Email us at **rrtech@fsip.com**. Please include photos, kit number, and the year, make, and model of the vehicle to help us better diagnose and understand any problems you may be experiencing.