



SAFEDRIVE™

MAINTENANCE KIT INSTRUCTIONS

SafeDrive Pro and SafeDrive Pro Plus

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READ ALL INSTRUCTIONS - OBSERVE ALL WARNINGS



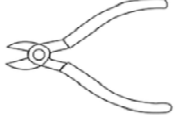
If you are not familiar with installation of mechanical components and/or use of the Tools Needed for this installation, refer this installation to someone qualified.

These instructions are for the installation of the SafeDrive Maintenance Kit for both the SafeDrive Pro and the SafeDrive Pro Plus. Most of the installation steps are the same for both systems. Where there are differences, they are highlight. Installing a SafeDrive Maintenance Kit once every two years will keep your SafeDrive pedals in like-new condition and maintain your Lifetime Warranty.








<p>Instructions: Read these instructions completely before beginning installation. Failure to follow these instructions can result in a system malfunction which could cause the vehicle not to stop and/or extra work.</p> <p>System Maintenance: Prior to use, always test the brake. Perform complete annual inspections for any signs of wear and tear, especially with the cable. Replace components if needed.</p>	<p>Check Installation Location: Some components require the installation of mounting screws into the firewall and floorboard of your vehicle. Check for possible obstructions such as brake lines, electrical lines, or fuel lines.</p> <p>Inspect Parts: Check the Materials Supplied for possible damage in shipping. If any parts are damaged, contact us for replacement parts and include your order number if applicable. <i>Contact: support@givethemabrake.com</i></p>
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* Visit our website to view installation videos or download the original installation instructions which provide valuable insight on how to re-install components of your kit.

Tools Needed:


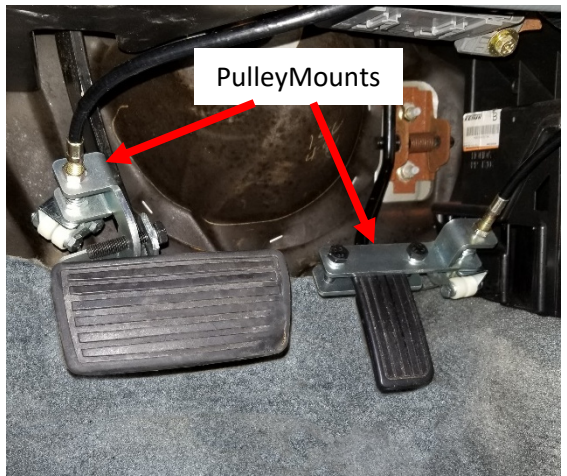

	Socket Wrench Set and Phillip’s Head Screwdriver
	Two Adjustable Wrench’s
	Heavy-Duty Wire Cutters or Tin Snips * Only needed in Step 2 if you have to cut the cable to pull it through.

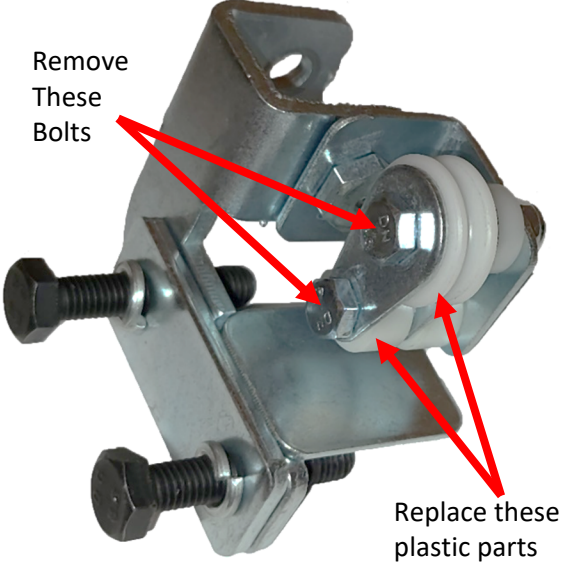
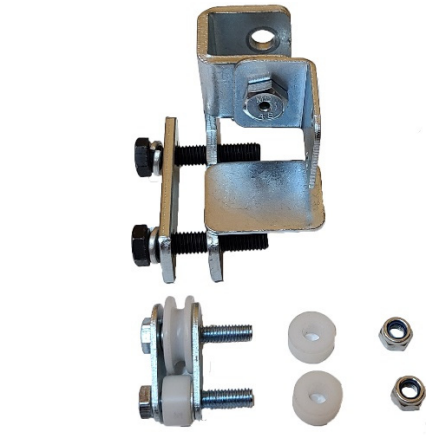
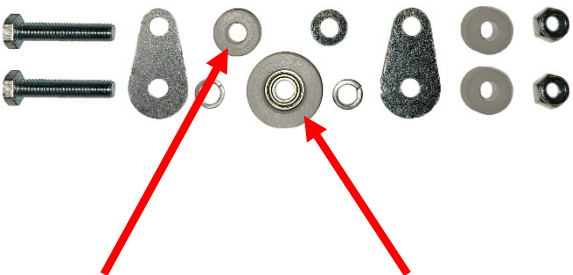
Materials Supplied:

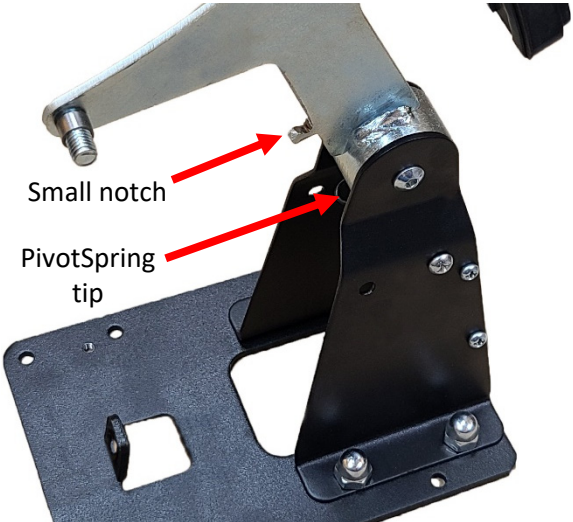
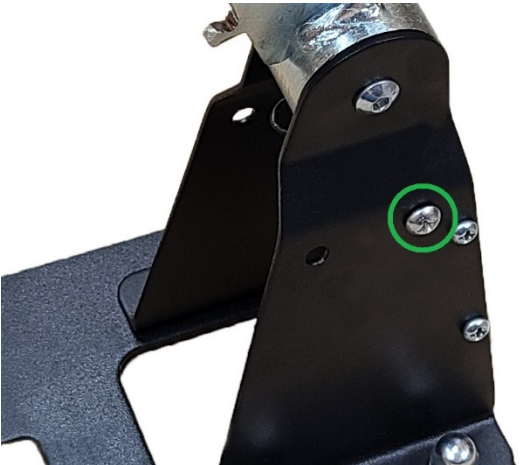
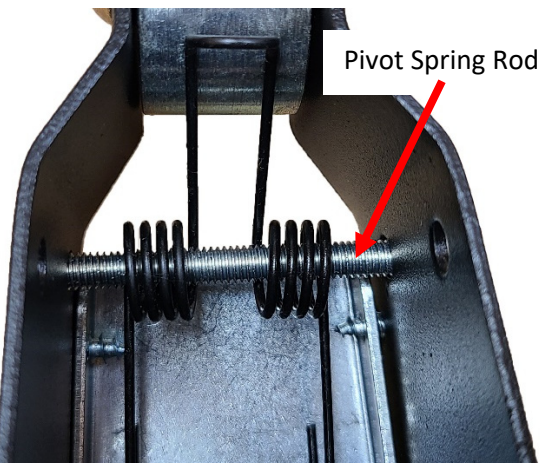
	SafeDrive Pro Kit	SafeDrive Pro Plus Kit
	2 Heavy Brake Cables	2 Light Gas Cables 2 Heavy Brake Cables
	1 Black Conduit Cable	2 Black Conduit Cables
	2 Pivot Springs: 1 – Version One Pivot Spring 1 – Version Two Pivot Spring	2 Pivot Springs
	1 Cable Spring	2 Cable Springs
	1 Sleeve Ring	2 Sleeve Rings
	1 Quick Connect	2 Quick Connects
	1 Guide Pulley Assembly	2 Guide Pulley Assemblies

 Pro Tip: Take Pictures of your system before installing the Maintenance Kit Parts


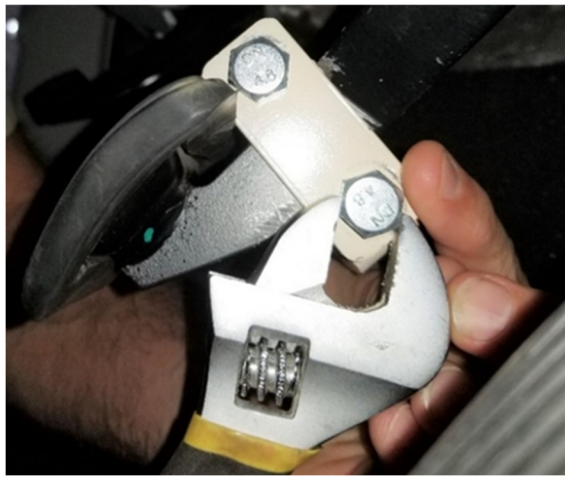

Step by Step Installation Instructions:


Step 1: Free Cables from Behind Pedal(s)	Parts Needed: None
	<p>Release the steel cables from the QuickConnect behind the pedal(s) on the vehicles left side.</p> <p>Remove the QuickConnect from behind the vehicles brake pedal. If you have the SafeDrive Pro Plus, also remove the QuickConnect from behind the gas pedal.</p> <p>For the SafeDrive Pro Plus, if you used the Optional Gas Pedal Mount kit, remove the cable from the PulleyMount attached to the gas pedal by loosening the bolt and pulling the cable out.</p>
Step 2: Remove PulleyMount(s)	Parts Needed: None
	<p>Remove the brake pedal PulleyMount and the gas pedal PulleyMount (if you have the SafeDrive Pro Plus) from the pedals.</p> <p>Remember how these were installed prior to removal. Take pictures because they need to be reinstalled the same way.</p> <p>If the optional gas pedal installation hardware was used, only remove the pulley from behind the gas pedal. The bracket on the gas pedal can remain in place (not shown).</p>
Step 3: Remove Black Conduit Cable(s)	Parts Needed: None
	<p>The goal of this step is to remove the black conduit cables from the hardware so it can be replaced.</p> <p>Disconnect the black conduit cables from the PulleyMount(s) as shown AND from your pedals. Discard the old black conduit and steel cable.</p> <p>If the optional gas pedal installation hardware was used (not shown), remove the black conduit cable from it.</p>

Step 4: Locate Pulley(s)	Parts Needed: None
 <p>Remove These Bolts</p> <p>Replace these plastic parts</p>	<p>The goal of these steps are to replace the spacer, pulley and bearing in the PulleyMount(s).</p> <p>Place these parts onto a clean working area. When these parts are disassembled, parts will fall out.</p> <p>Note the locations of the two arrows pointing to the two bolts that need to be removed. These bolts hold the assembly together. They are the same on the SafeDrive Pro and the SafeDrive Pro Plus.</p> <p>Note: A pulley is also on the optional Gas Pedal install kit (not shown) if used for the gas pedal control.</p>
Step 5: Disassemble Pulley Assembly	Parts Needed: None
	<p>Once the lock-nuts on the bolts are removed, slowly pull the assembly free from the PulleyMount.</p> <p>The assembly will come apart easily. It is shown to the left partially disassembled.</p> <p>Note the position of the parts and lay them out as you remove the bolts so it is easy to remember the order in which they need to be replaced.</p> <p>If you have a SafeDrive Pro Plus, you will perform this step on both the brake and gas pulleys.</p>
Step 5a: Disassemble Pulley Assembly	Parts Needed: Spacer, Pulley, Bearing
 <p>Replace this spacer</p> <p>Replace this pulley and the bearing inside</p>	<p>Here is another picture of how all the parts are ordered together for the PulleyMount.</p> <p>There are three parts to replace.</p> <ul style="list-style-type: none"> • A small, white plastic spacer • The white pulley (has a groove in it) • The metal bearing inside the pulley <p>Note: If you have an early model, your pulley may be made of metal. Replace it with the new plastic pulley.</p>

Step 6: Prepare to Remove Pivot Spring(s)	Parts Needed: None
 <p>Small notch</p> <p>PivotSpring tip</p>	<p>The PivotSpring is located under the pedal arm. Flipping the pedal(s) up and out of the way as shown.</p> <p>To lift the pedal up, first push the pedal down a little, then push the PivotSpring tip down with a screwdriver. Then, lift the pedal up while holding the PivotSpring down so the small notch clears the spring.</p> <p>If you have the SafeDrive Pro Plus brake and gas, lift both the brake and gas pedal arms up and out of the way.</p> <p>⚠ Remember the orientation of the spring before removal.</p>
Step 7: Remove Old Pivot Spring(s)	Parts Needed: None
	<p>Remove the screw to the Pivot Spring Rod (circled in green). The other side has a lock-nut on it. Hold the lock-nut in place while removing this screw.</p> <p>Once the lock-nut comes off, you can pull the Pivot Spring Rod straight out. The spring will have a little tension on the rod so you will need to wiggle it out. This will release the Pivot Spring from the rod and it will fall free. Discard the old spring(s).</p>
Step 8: Replace Pivot Spring(s)	Parts Needed: Pivot Spring(s)
 <p>Pivot Spring Rod</p>	<p>⚠ IMPORTANT: The SafeDrive Pro Maintenance Kit comes with two versions of the Pivot Spring. <u>If the SafeDrive Pro brake pedal does not have a chrome plate with serial number, you must use the Version 1 Pivot Spring bagged separately.</u></p> <p>Note: The SafeDrive Pro Plus gas and brake pedal only has one type of Pivot Spring.</p> <p>To replace the Pivot Spring, simply hold it in place and thread the Pivot Spring Rod through the spring winding. Replace the lock-nut and tighten it down.</p>

<p>Step 9: Lower Pedal Arm(s)</p> 	<p>Parts Needed: None</p> <p>This is a close-up of the correct fit for the Pivot Spring onto the pedal arm. Note the small notch is and the Pivot Spring is resting on the left side.</p> <p>To lower the pedal arm, you need to push the tip of the Pivot Spring down while lowering the pedal arm so it clears the notch.</p> <p>Once in place, you can test it by pressing the pedal down and releasing it again. The Pivot Spring tip should slide along the bottom of the pedal arm as you press the pedal down. The pedal should move down and spring up with little pressure.</p>
<p>Step 10: Replace Cable and Spring</p> 	<p>Parts Needed: Conduit, Cable Spring</p> <p>Replace the old black Conduit and install back into the mounting hole on the SafeDrive base.</p> <p>Place the nut into the gap in the Cable Spring and tighten the nut into place firmly. The Cable Spring needs to be aligned as pictured to re-attach to the mount on the brake pedal arm.</p> <p>⚠ IMPORTANT: The SafeDrive Pro Plus kit has two of these springs in different bags that look the same, but are designed differently. <u>The spring with the white line on it goes to the brake pedal side.</u></p>
<p>Step 11: Install New Steel Cable</p> 	<p>Parts Needed: Steel Cable, Ring Sleeve</p> <p>Route the Black Cable Conduit back to the driver's side.</p> <p>From the passenger's side, thread the new Steel Cable, through the center of the Cable Spring and into the Cable Conduit until it comes out the driver's side.</p> <p>Replace the old Ring Sleeve with the new one.</p> <p>⚠ IMPORTANT: If you have the brake and gas pedal, the thinner steel cable is for the gas pedal. The thicker steel cable is for the brake pedal.</p>

Step 12: Re-Attach Cable Assembly	Parts Needed: Ring Sleeve
	<p>Place the looped end of the Cable Spring and Steel Cable over the brake pedal arm mount.</p> <p>Next, install the washer onto the brake pedal mount. Make sure the Steel Cable is not pinched between the Washer. Lastly, place the lock washer and locknut. Snug down the locknut, not too tight, just snug.</p> <p>⚠ DO NOT OVER TIGHTEN THE LOCKNUT OR YOU MAY SHEER THE MOUNT OFF THE PEDAL ARM</p> <p>The final assembly should look as shown here.</p>
Step 13: Re-Install Pulley Mount	Parts Needed: None
	<p>Install the black Conduit Cable onto the PulleyMounts as earlier removed and reinstall the PulleyMount(s) to the vehicle's pedals.</p> <p>Install the PulleyMount by sandwiching the vehicle's pedal arm(s) between the two bracket plates of the PulleyMount. Install the PulleyMount's bracket in the same location and orientation it was removed from.</p> <p>Tighten down the bolts firmly and evenly. The PulleyMount should be very secure and not move or twist at all.</p>
Step 14: Attach Cable to Quick Connect	Parts Needed: QuickConnect
	<p>Thread the cable through the hole in the bolt of the new QuickConnect. Make sure the washer is in place and hand tighten the nut on the QuickConnect.</p> <p>Reinstall the QuickConnect over the same holes from where the old one was installed and firmly tighten the bolts back in place.</p> <p>Note: It is usually easier to first thread the Cable through the hole and then attach the QuickConnect to the firewall.</p>

Step 15: Secure Cable on Quick Connect	Parts Needed: None
	<p>Now pull the Cable through the QuickConnect removing slack from the Cable and then tighten the nut down to secure the cable.</p> <p>Note: Make sure that when you pull the cable through to remove slack, you are not pulling the cable so tightly that you pull the pedal down. A small amount of bend/slack in the cable is normal as show in this picture. Check to make sure the car's brake lights are not on before fully tightening the nut down. If they are on, you have overtightened the cable.</p>
Step 16: Test the System	Parts Needed: An Assistant
<p style="text-align: center;">ALWAYS TEST BEFORE USE</p>	<p>Start the car, leave it in park.</p> <ol style="list-style-type: none"> 1) Step on the SafeDrive brake pedal and observe that the vehicles brake pedal is being applied. Step down again, hard, to simulate an emergency stop of the vehicle. Do this several times. 2) Check that the cable(s) are gliding freely through the pulley on the PulleyMount(s), and any cables remain positioned out of the way of the driver's feet and gas pedal. 3) Press the gas pedal (if you have the SafeDrive Pro Plus). Make sure the vehicles engine responds as expected and returns to idle properly. 4) Check that the vehicle's brake lights turn off after applying the SafeDrive brake pedal. 5) Double check to make sure none of the cables or fittings have slipped out of position. 6) Road test the vehicle in a safe location with a partner and simulate another emergency stop.

Your kit contains extra steel cables. We recommend replacement of the steel cable every year. Failure to replace the Steel Cable could lead to an unexpected failure of the brake or gas at a critical time.

If you have any questions, feel free to contact us at the email address below or call. We appreciate your business and will continue to work hard to provide secure, reliable, and high-performing products for your driving needs. We give you our best because you deserve the best!

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