

Release and Disclaimer

As material consideration for the sale and/or installation by 101220913 Saskatchewan Ltd. ("magdelete.com") of our aftermarket automotive suspension products and services related thereto, the purchaser agrees as follows:

DISCLAIMER OF WARRANTIES

To the maximum extent permitted by law, the magdelete.com services and products are provided on an "as is" and "as available" basis and the entire risk of installation, use and performance remains with you.

Magdelete.com hereby disclaims any implied conditions of merchantability, merchantable quality, safety, durability, or fitness for a particular purpose. If you are dissatisfied with the magdelete.com products or services, your sole remedy is to discontinue using the magdelete.com services or products.

DISCLAIMER OF CERTAIN DAMAGE

To the maximum extent permitted by law, in no event will magdelete.com be liable for any incidental, consequential, exemplary, punitive or special damages. This includes revenue, profits, property, injury, death, failure to meet a duty of good faith or reasonable care, negligence, and any other loss whatsoever arising from or relating to the magdelete.com services and products.

LIMITATION OF LIABILITY AND EXCLUSIVE REMEDIES.

To the maximum extent permitted by applicable law, magdelete.com's maximum, aggregate liability to you, and your exclusive remedy under this Release and Disclaimer for any and all damages, injuries, and losses arising from any and all claims and causes of action arising out of, based on, resulting from or in any way related to the magdelete.com services or products will not exceed the amount paid by you to magdelete.com in connection with the magdelete.com services or products.

Magdelete.com recommends a certified technician installs our products. Professional knowledge of disassembly and re-assembly as well as post installation checks must be followed. Attempts to install our products without expertise and knowledge may lead to unsafe operation of the vehicle. The purchaser expressly agrees to indemnify and hold harmless magdelete.com for all claims resulting from the purchase, ownership, or use of our products.

By installing our product, you agree to the above terms.

Tahoe/Suburban/Yukon/Escalade Magneride Delete Installation Instructions

Note: Please use factory torque specifications for the installation of all components listed below. It is your responsibility to ensure that the fasteners are torqued correctly. Please read the instructions completely before beginning and ensure that you follow the directions below. It is important to fully understand the process before beginning. This instruction sheet contains all the information you will need for a successful install.

Safely suspend the vehicle on the frame at all four corners, allowing the suspension to hang freely. Remove the wheels. Unplug the magneride shocks on all four corners by gently pulling on the grey tab and depressing the locking tab. Soaking these connectors in WD40 will help to prevent damage to the connector. To clarify, you are unplugging the wires that lead into the shock itself. **Please leave the ride height sensors in place as these are required for the bypass module to operate.**

Begin on the front by cleaning up the threads on the upper strut mount bolts, the lower strut mount bolts, and the upper ball joint threads. Remove the nuts that fasten each of these. You'll need to remove the small bolt on the bracket holding the ABS sensor wire to the upper control arm. Remove the nut retaining the sway bar end link and set the end link assembly aside. You can try to slip the bottom of the strut inwards and pull the top of the strut through the upper control arm. If you cannot get enough clearance, you may need to separate the balljoint from the knuckle. This can be done with a small puller or by striking the knuckle with a hammer (do this at your own risk).

You will now have enough clearance to slip the bottom of the strut inwards and you can remove the strut through the upper control arm. Place the new loaded magdelete strut in place of the old strut. The new strut will be longer than the old assembly – this is normal.



Reassemble in reverse order and ensure that all fasteners are torqued to specification. The front should now be complete.

Move to the rear of the vehicle and clean the threads for the upper and lower shocks bolts on both sides. You may remove these bolts. The air line is unplugged by removing the retaining clip.

Replace the magneride shocks with the shocks that came in your magdelete kit. If you are unsure of which direction the shock mounts in, please keep in mind that the sticker should always be readable once installed. If the sticker is upside down, so is the shock.

Remove the rear shock assemblies by removing the upper and lower mounting bolts. If you purchased the 3" kit, your kit will come with rear spacers. These install below the coil spring, between the spring and the axle. Reinstall your new shocks and torque per manufacturer specifications.

Hint: If you're worried about the magneride connectors on the vehicle side, you can make your own "dummy plugs" by cutting the connector off of the old shocks right where the wire enters the connector. Pack the wire ends with some gasket maker or silicone, then plug them back into the vehicles harness for a water tight connection.

If you've purchased a kit that keeps the rear air shocks, simply plug in the air lines to the new shocks which use the same OEM style air fitting.

If your vehicle is equipped with automatic level control (rear air shocks) and you've purchased a kit that deletes the rear air shocks, you'll need to plug the air circuit so that the compressor does not continually run. Locate the tee fitting fastened to the outside of the compressor mounting bracket (on the drivers side behind the rear quarter panel, below the gas cap). You may also follow the air lines from the shocks until you reach the tee. Push the tab from the outside to free the tee from the bracket. Unplug the line labelled below as "To passenger shock". The end marked X is located on the driver's shock, unplug this and plug it into the "To passenger shock" male port that you just unhooked. This will simply create a loop so that the compressor can pressure up even though there are no air shocks present.



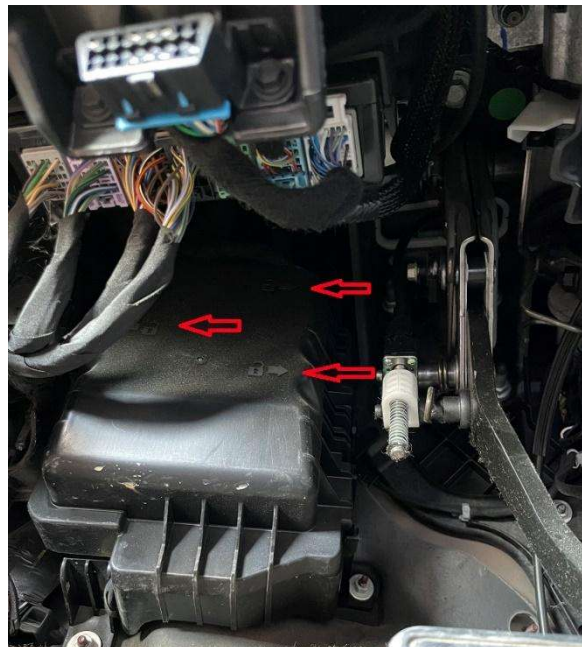
Ensure that all fasteners have been tightened. You may now reinstall the wheels and place the vehicle back on its own weight. Torque the wheels to manufacturer specifications. Best practice is to retorque the wheels and all suspension components after driving 100km.

Magdelete.com Bypass Module Instructions

Remove the two screws holding the OBD port to the dash. Plug the OBD port you just removed from the dash into the corresponding connector on the bypass module. You may attach the new OBD port (on the module) to the dash, using the same screws that you previously removed.



Remove the IECM cover, this is located under the dash on the drivers side, near the left hand foot well. Remove locking clips on the IECM cover (red arrows below).



Plug the white connector from the bypass module into the port in the lower left hand corner of the IECM (ensure that the blue lever is in the upwards position as you plug in the connector). Close the blue locking lever as you seat the connector.

Check the IECM cover and identify the location in the top left corner where the wire can be routed as the cover is installed. Route the red wire up to the top left corner and install the IECM cover.



Note that all ride height sensors must remain connected. Turn the ignition on and start the vehicle. Verify that there are no suspension warning messages on the dash.

I still have a warning message on the dash!?? – The most common reason for this is a blown fuse on the 12V+ feed to the module (the red wire that you plugged into the RAP connector). To verify - once the battery is connected and the key is turned to the run position, there should be lights illuminated on the circuit board inside of the bypass box (you can remove the cover to verify). If no lights are illuminated, this means that the module is missing either 12V+ or negative which would require you to diagnose the reason for this (usually a blown fuse). Check the RAP retained accessory power fuse which can be located using your owners manual. Use a test light or a multimeter to diagnose. If you see LED's illuminated on the circuit board, then you know that the module is functioning correctly.

If you have power to the module and a warning message is still present, then you have one or more unrelated issues that are causing the suspension warning message. The module suppresses all four shock actuator codes (C0575, C0580, C0585, and C0590) which normally occur when the shock electrical connectors are unplugged. The module does not suppress or alter any other DTC. The most common issue that can cause a suspension warning message is ride height sensors that are not sending a valid signal to the SCM. You can diagnose these by reading codes from the SCM using an appropriate scan tool. You can use active data on the scan tool to check the voltage for each ride height sensor. All ride height sensors should be between 2.2V and 2.8V, otherwise there's an issue with the sensor. Proceed with a wheel alignment. If you have any questions, please use the contact form on our website.