



L5P Fuel System Saver 101 Block

TRUCK FITMENTS:

2017 – 2019 SRW REG CAB LB
 2017 – 2019 SRW CREW/DBL CAB SB
 2017 – 2019 DRW CREW/DBL CAB SB
 2020 – 2023 SRW CREW/DBL CAB LB
 2020 – 2023 DRW CREW/DBL CAB LB

2017 – 2019 DRW REG CAB LB
 2017 – 2019 SRW CREW/DBL CAB LB
 2017 – 2019 DRW CREW/DBL CAB LB
 2020 – 2023 DRW CREW/DBL CAB SB

Kit Contents:

<i>Fuel Block w/ pressed-in plugs (Qty.1)</i>	
<i>Straight Fuel Fitting w/ O-ring (Qty.1)</i>	
<i>90° Fuel Fitting w/ O-ring (Qty.1)</i>	
<i>Fuel Filter Adapter w/ O-ring (Qty.1)</i>	
<i>Water Separator Adapter w/ O-ring (Qty.1)</i>	
<i>6mm Bolts (Qty.3)</i>	
<i>Stainless Alignment Pin (Qty.1)</i>	
<i>Conductivity Probe O-rings (Qty.2)</i>	
<i>Fuel Filter (Qty.1)</i>	
<i>Water Separator (Qty.1)</i>	

Completed by: _____

Instruction Guide

Step 1: Disconnect batteries

Step 2: Locate the OEM fuel filter assembly near the middle/driver's side of the truck

Step 3: Using an 18mm socket and a bucket, slowly loosen the nut at the bottom of the fuel filter housing to drain any fuel/water. Using a 36mm socket, the filter head can also be removed to release any remaining fuel but is not required.

Step 4: Carefully disconnect both quick-connect fittings from each side of the factory housing

- The female connector with the blue locking tab should be pushed inwards, pull up on the lock, and push down on the tab, in order to pull away from the male fitting.
- The female connector with the white locking tab should be carefully slid upwards about halfway in order to be pulled from the male fitting and released.

Step 5: Carefully squeeze together the base of the electrical connector on top of the filter housing to release.

Step 6: Loosen the three nuts on the backside of the factory housing but do not remove, then slide the housing over, and remove from truck.

Step 7: Remove the three screws holding the conductivity probe to the housing and use a small flathead screwdriver to slowly unseat the probe.

Step 8: Remove and discard the large and medium O-rings from the probe and replace with included O-rings. The small O-ring at the tip can be left in place.

Step 9: Install probe into the new Dual Fuel Filter Block using the three 6mm bolts (be sure to lubricate each O-ring first). Hand thread each bolt into the holes after lining up the probe's slot with the stainless pin. Carefully tighten each bolt a few turns each until the large O-ring becomes seated and the bolts are tight.

Step 10: Using the two factory 8mm bolts, which connected the factory housing to the factory bracket, attach the new Fuel Block to the factory bracket (some may find it easier to attach the block to the bracket **after** the bracket has been reinstalled into the slots under the truck).

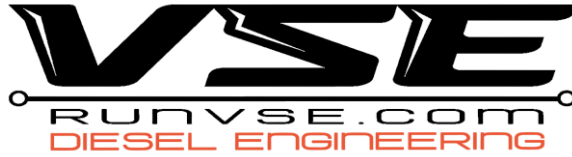
Step 11: Reconnect electrical connector to conductivity probe.

Step 12: Reconnect and lock both quick-connect fuel fittings.

Step 13: Using clean oil or diesel fuel, lubricate both O-rings on your new filters before hand-tightening them to the Fuel Block (the threaded adapters are different sizes which does not allow for incorrect installation of filters). **Make sure to tighten the water separator drain cap (Failure to do so may result in fuel drainage in lower temperatures as the sealing rubber will shrink)!**

Step 14: Reconnect battery

Step 15: Prime your truck as follows 2020+ Trucks with key fob - press and hold the start button, without your foot on the brake for 10 second until you hear the lift pump start to prime the fuel lines. Leave it for 10 minutes. The system will cycle the lift pump to push all the air from the system on its own. 2017-19 Trucks - If your truck has a key, turn it to the ON position but do not start the truck. Leave it for 10 minutes. The system will cycle the lift pump to push all the air from the system on its own. After this is done a minimum run time of 30 minutes is required to ensure all air has been removed!! Check for leaks and enjoy your new **Fuel System Saver** by VSE!



L5P Fuel System Saver 201 & 202 Blocks

TRUCK FITMENTS:

201 BLOCK (SMALL BRACKET PLATE)
2020 – 2023 SRW CREW/DBL CAB SB

202 BLOCK (LARGER BRACKET PLATE)
2020 – 2023 SRW REG CAB LB

Kit Contents:

<i>Fuel Block w/ pressed-in plugs (Qty.1)</i>	
<i>VSE Bracket with (3) Carriage Bolts & (3) Flange Nuts (Qty.1)</i>	
<i>8mm Flathead Bolts (Qty.2)</i>	
<i>90° Fuel Fitting w/ O-ring (Qty.2)</i>	
<i>Fuel Filter Adapter w/ O-ring (Qty.1)</i>	
<i>Water Separator Adapter w/ O-ring (Qty.1)</i>	
<i>6mm Bolts (Qty.3)</i>	
<i>Stainless Alignment Pin (Qty.1)</i>	
<i>Conductivity Probe O-rings (Qty.2)</i>	
<i>Fuel Filter (Qty.1)</i>	
<i>Water Separator (Qty.1)</i>	

Completed by: _____

Instruction Guide

Step 1: Disconnect battery

Step 2: Locate the OEM fuel filter assembly near the middle/driver's side of the truck

Step 3: Using an 18mm socket and a bucket, slowly loosen the nut at the bottom of the fuel filter housing to drain any fuel/water. Using a 36mm socket, the filter head can also be removed to release any remaining fuel but is not required.

Step 4: Carefully disconnect both quick-connect fittings from each side of the factory housing

- The female connector with the blue locking tab should be pushed inwards, pull up on the lock, and push down on the tab, in order to pull away from the male fitting.
- The female connector with the white locking tab should be carefully slid upwards about half way in order to be pulled from the male fitting and released.

Step 5: Carefully squeeze together the base of the electrical connector on top of the filter housing to release.

Step 6: Loosen the three nuts on the backside of the factory housing but do not remove, then slide the housing over, and remove from truck.

Step 7: Remove the three screws holding the conductivity probe to the housing and use a small flathead screwdriver to slowly unseat the probe.

Step 8: Remove and discard the large and medium O-rings from the probe and replace with included O-rings. The small O-ring at the tip can be left in place.

Step 9: Install probe into the new Dual Fuel Filter Block using the three 6mm bolts (be sure to lubricate each O-ring first). Hand thread each bolt into the holes after lining up the probe's slot with the stainless pin. Carefully tighten each bolt a few turns each until the large O-ring becomes seated and the bolts are tight.

Step 10: Use the supplied 8mm flathead bolts to secure the Fuel Block to the supplied VSE bracket. You will use the factory hole locations to secure the new bracket to your truck using the three carriage bolts and flange nuts.

Step 11: Reconnect electrical connector to conductivity probe.

Step 12: Reconnect and lock both quick-connect fuel fittings.

Step 13: Using clean oil or diesel fuel, lubricate both O-rings on your new filters before hand tightening them to the Fuel Block (the threaded adapters are different sizes which does not allow for incorrect installation of filters) **Make sure to tighten the water separator drain cap (Failure to do so may result in fuel drainage in lower temperatures as the sealing rubber will shrink)!**

Step 14: Reconnect battery

Step 15: Prime your truck as follows 2020+ Trucks with key fob - press and hold the start button, without your foot on the brake for 10 second until you hear the lift pump start to prime the fuel lines. Leave it for 10 minutes. The system will cycle the lift pump to push all the air from the system on its own After this is done a minimum run time of 30 minutes is required to ensure all air has been removed !! Check for leaks and enjoy your new **Fuel System Saver** by **VSE!**