

## Direction-Plus Ryco Pre-Filter Installation Guide for Holden Colorado RG 2012 - 2020

This document is to be used as a guide for the installation of the **Direction-Plus™ Ryco Pre-Filter Kit (RC602DPK)** to a Holden Colorado RG 2.8. It is recommended that the installation of the product be carried out by a competent qualified mechanic.

### Important before starting

- Ensure the engine bay is clean and free from contaminates
- The filter head has direction arrows indicating the direction of flow
- You have the correct tools to complete the fitment
- Read the instructions in full and familiarize yourself with the installation, before commencing any work

### Maintenance / Servicing

- It is recommended to drain the element every 5,000 – 10,000km
- Ryco filter element is to be replaced every 40,000km or as per your vehicles service interval

### Kit contents



1x RYCO ASSY (Z980SK16L)	9x CABLE TIE (802078)	1x DP HOLO SECURITY SEAL (DPLABEL8)
1x COLORADO/7 - 2.8 BRACKET (PL602-BR)	1x WINDSCREEN LABEL (DPLABEL1)	1x M6 X 16mm BOLT (SSSS304M616)
2x FITTING 10MM (DP816-6-M1615)	1x ENGINE BAY LABEL (DPLABEL5)	1x WASHER - 6MM (FMW6)
2x PUSH ON 90 DEG - 10MM (DPP0090-06)	1x DP STICKER (DPLABEL6)	1x 6mm Spring Washer (FMSW6)
3m 9.5MM 225 PSI FUEL LINE RUBBER (DPFH9)	1x DEFENCE STICKER (DPLABEL7)	1x END 9.49 STR 8MM BARB (E9)
3m 9.5MM 225 PSI FUEL LINE RUBBER (DPFH9)	1x DP BAG (DPBAG)	1x 9.49 90 DEG 10MM BARB (C5)
2x HOSE CLAMP - 10MM (FMC10)	1x RYCO KIT BOX (RCBOX)	1x DP ZIP LOCK BAG (DPZIPBAG)

\*Kit contents are subject to change based on component availability and/or refinement

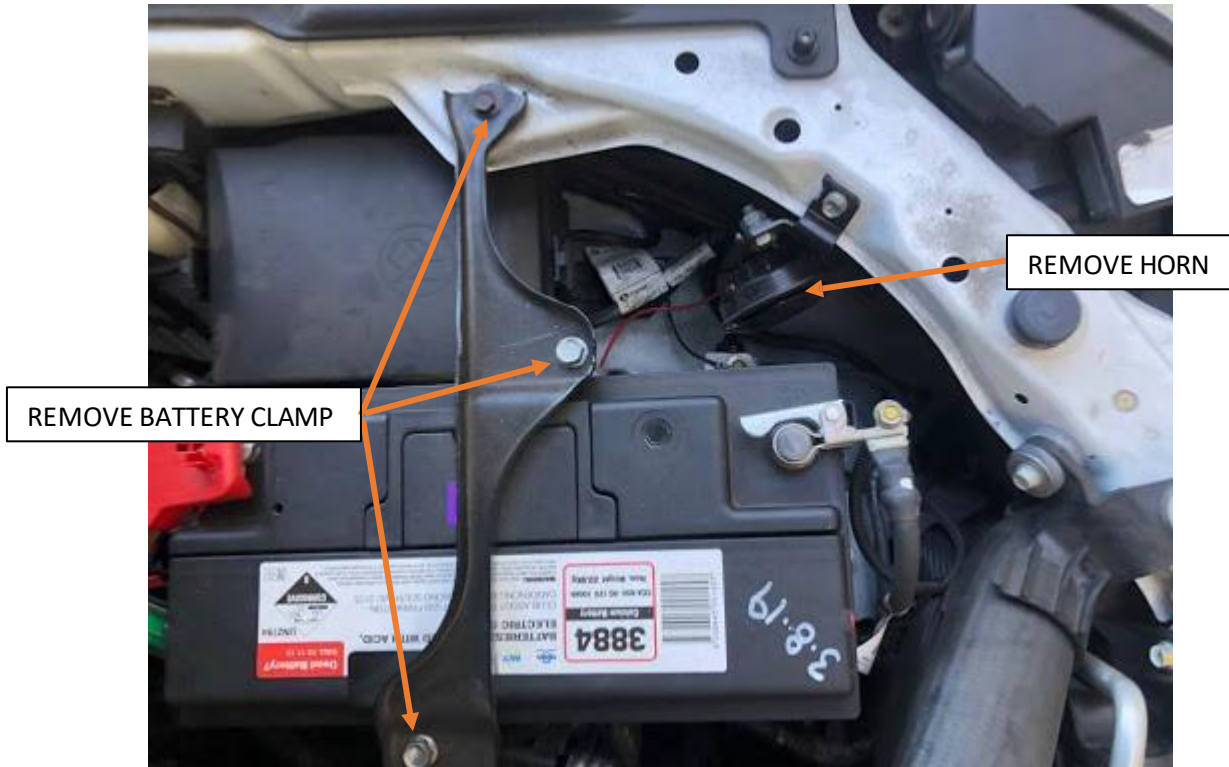


**Tools Needed:**

- Spanners
- Sockets
- Screw Drivers
- Pliers
- Snips/Cutter
- Rags
- Small container for priming
- We suggest using a thread sealant like Loctite 567 or equivalent.

## Installation Guide

1. Remove the horn from the radiator support panel
2. Remove the battery clamp



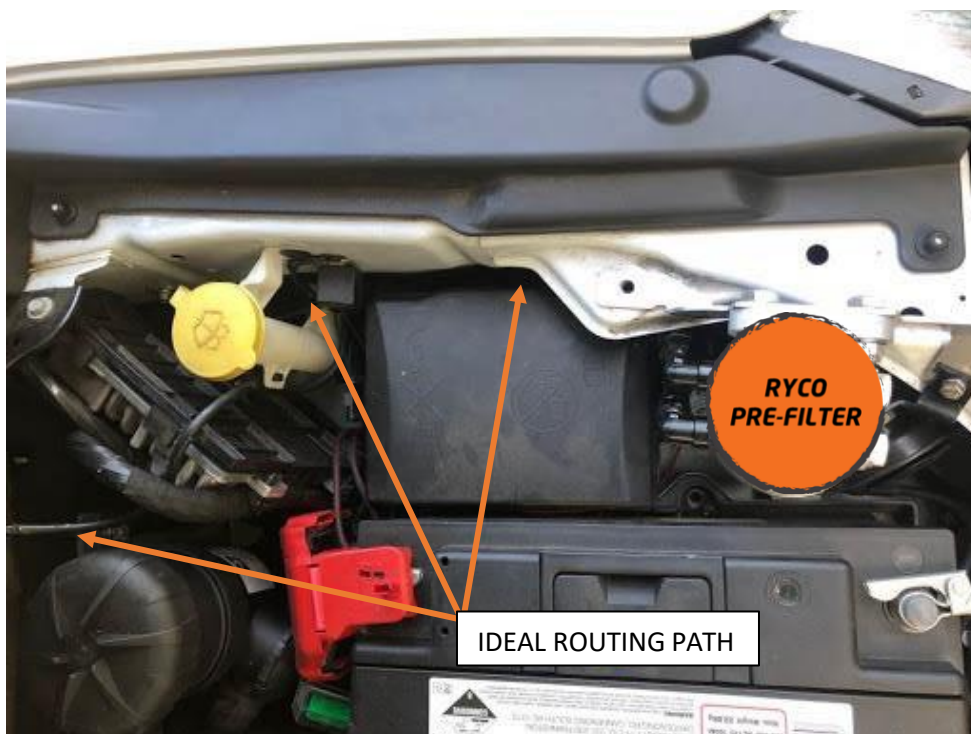
3. Install DP Ryco bracket and re-install horn using the supplied M6 bolt, spring washer and flat washer.



- Using the M10 bolts, nut and washers, mount the Ryco assembly to the bracket. If installed correctly the Ryco assembly will not foul on the horn bracket Note: you will need to relocate the M16 plugs in the head, so as both ports are facing towards the front of the vehicle



- Install the straight push loc fittings into one end of each length of supplied hose. Use a zip tie at each end of the hose to mark which one you will use for the inlet to the pre-filter.
- With the push loc fitting at the prefilter end, route both lengths of fuel hose down the inner guard and underneath the vehicle to the factor fuel filter.

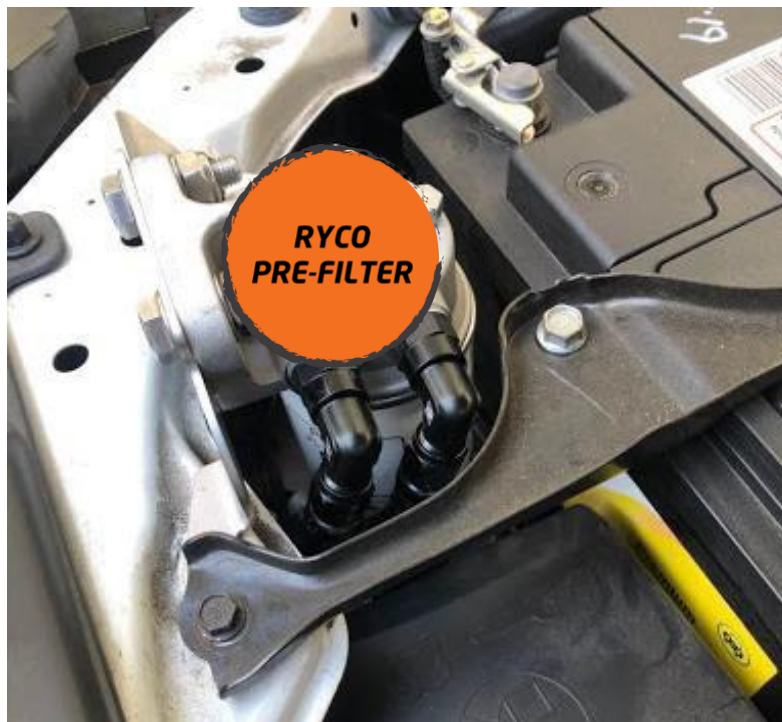




7. Loosely install the M16 90° swivel fittings to the fittings on the ends of the hose.
8. Connect the M16 90° swivel fitting of the marked hose to the inlet of the prefilter
9. Connect the M16 90° swivel fitting of the unmarked hose to the outlet of the prefilter



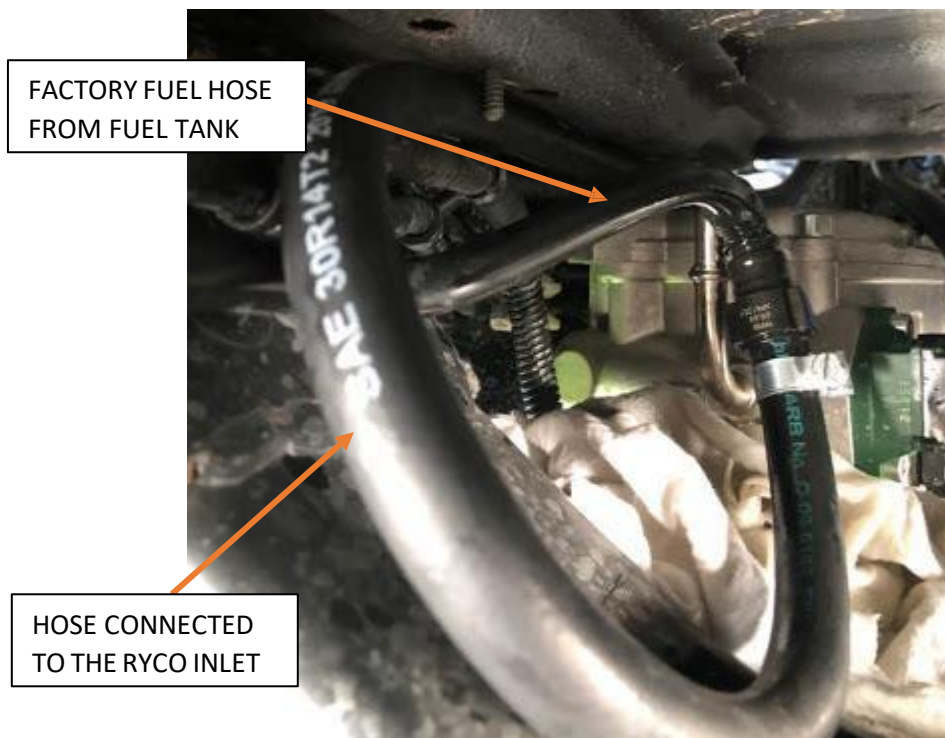
10. Once the hose and fitting are in place. Adequately tighten all the fuel fittings to prevent leaks
11. Reinstall the battery clamp reusing the factory bolts. Ensure the bracket is sandwiched underneath the battery clamp



12. Underneath the vehicle on the passenger side, locate the factory fuel filter inlet



13. Remove the inlet hose by pressing the two, coloured parts in and sliding the connector off. Caution, fuel will leak out of the hose.
14. With the previously marked hose. Cut to length and using the supplied straight black connector, connect to the hose coming from the fuel tank. Use the supplied 10mm hose clamp to secure the hose.



15. With the unmarked hose. Cut to length and using the supplied 90° black connector, connect to the inlet of the factory fuel filter. Use the supplied 10mm hose clamp to secure the hose.



16. Using the supplied zip ties, secure any loose fuel hose so that it cannot rub or be damaged by road debris.
17. Bleed the fuel system by cycling the ignition key 3-4 times. This will cause the in-tank fuel pump to build pressure in the system.
18. Start vehicle and run the vehicle, if the engine stalls repeat step 17 and restart the engine.
19. Run the vehicle for 5-10mins and check for leaks.
20. Refer supplement guide for fitting the water alarm system

## END OF INSTALLATION