

TECHNICAL INSTRUCTIONS

REPLACEMENT OF PRESSURE SWITCH AND DIODE HARNESS



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GODIVA

Replacement Of Pressure Switch And Diode Harness

1. SCOPE

This document outlines the steps for replacing the old pressure switch and diode harness with a new pressure switch incorporating a built-in diode.

1.1. TOOLS AND MATERIALS REQUIRED

1. 27mm Spanner
2. 29mm Spanner
3. Graphite Grease

1.2. PREPARATION

ENSURE POWER IS ISOLATED BEFORE BEGINNING ANY WORK TO AVOID ELECTRICAL HAZARDS.



All personnel conducting inspections, servicing, or maintenance must have undergone comprehensive training. This training must adhere to your local guidelines, regulations, and your department's Standard Operating Procedures (SOPs) to uphold proper health and safety standards during all tasks. If you have any queries contact Godiva and we will be happy to support.

Replacement Of Pressure Switch And Diode Harness

1.3. REMOVAL OF PRESSURE SWITCH AND DIODE HARNESS

The old harness consisted of a pressure switch (65141) and diode harness (513-00207-000)

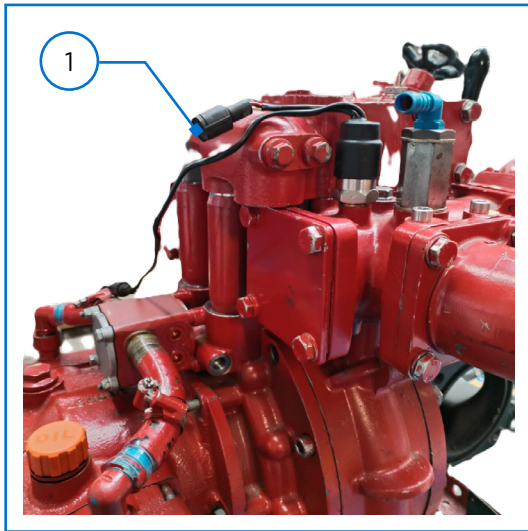
These both need to be removed and replaced with the new pressure switch that has an integrated diode.



1. Pressure switch 65141
2. Diode Harness 513-00207-000

Replacement Of Pressure Switch And Diode Harness

Disconnect the OEM connection and clutch connection from the existing pressure switch by holding and pulling apart the plug and socket.

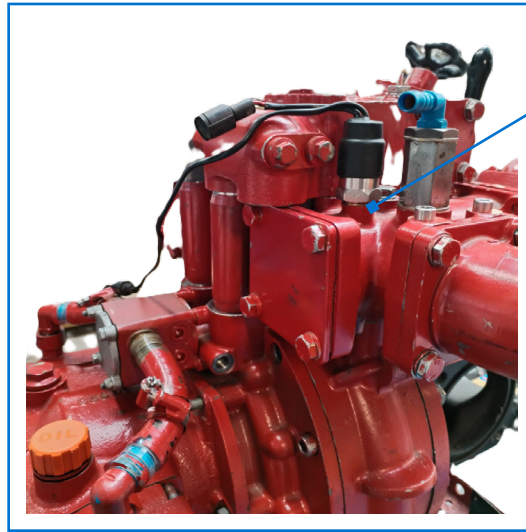


1. OEM Connection
2. Clutch Connection

Replacement Of Pressure Switch And Diode Harness

Using a 29mm spanner, remove the pressure switch from the manifold.

Remove using a
29mm spanner



1.4. INSTALLATION OF NEW PRESSURE SWITCH

Apply the Bonded Seal (UFP2303/5) over the threads of the new pressure switch (65141).

Apply graphite grease to the threads of the new pressure switch.

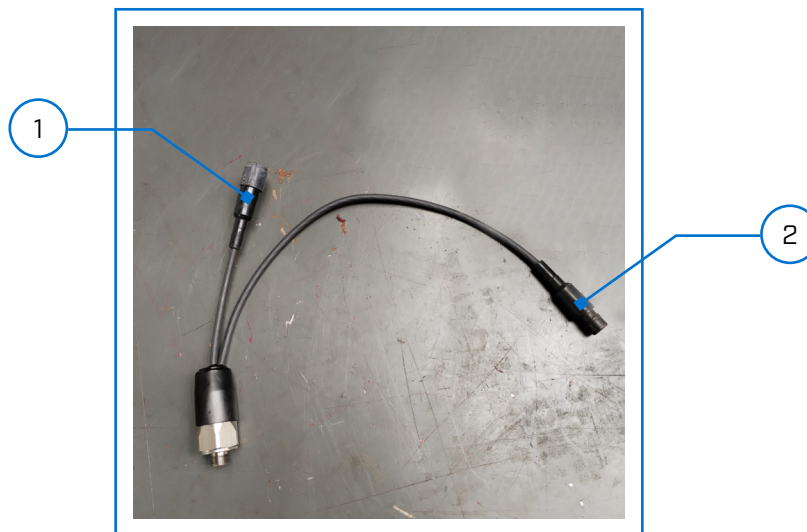


Replacement Of Pressure Switch And Diode Harness

Screw the new pressure switch into the manifold and secure it using a 27mm spanner.



Connect the new pressure switch to the clutch wiring. Note that the longer wire is for the clutch connection, and the shorter wire is for the OEM connection.



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1.5. FINAL CONNECTIONS

The plug and socket have alignment indicators by a protruded ridge, ensure these align correctly when making connections (see left image below).

Notes: There are no additional harness required with this new pressure switch configuration.



1



2

Connect the pressure switch to the OEM connection.

Verify all connections are secure and correctly aligned.

TECHNICAL INSTRUCTIONS



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