

**HR15/17 4x4 MK2 motor cradle update**

**Instruction No.:** HR15/17\_CI03

**Product:** HR15/17 HYB 4x4 MK2

**Operation:** Update the HR15/17 HYB MK2 motor cradle by fitting P32400

**Health & Safety Considerations:**



Standard Practices Only

**Tools Required:** 8mm Allen key T bar, 17mm combination spanner

**Consumables Required:** 2x M10x80x1.25(fine) 12.9 Cap Head bolt

**Parts Required:** P32400

**Notes/Other References:** None

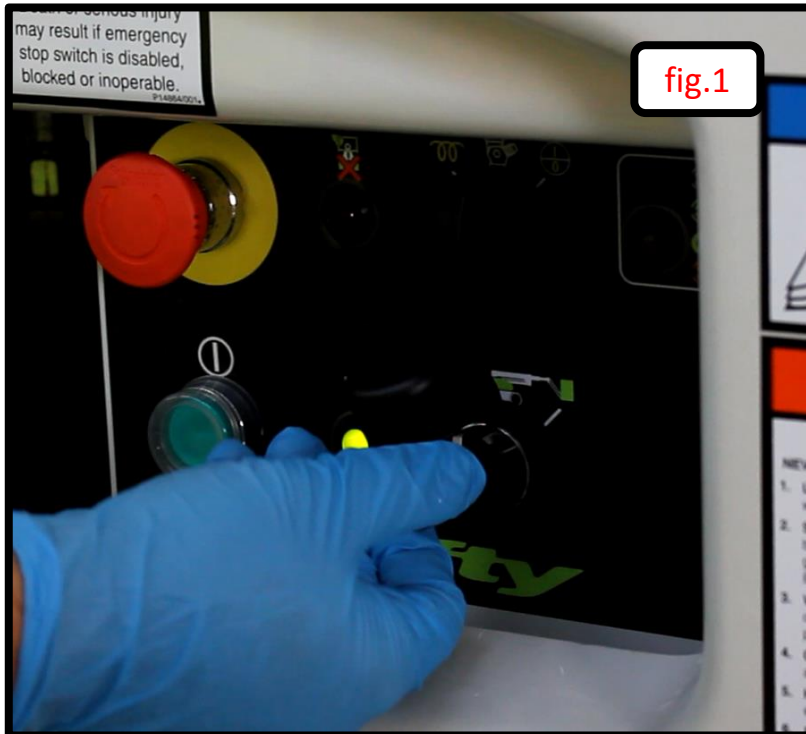
[Disclaimer](#)

All update activities should be carried out by a competent MEWP service technician adhering to standard health and safety practices.

Whilst every effort has been made to include all information and details required to facilitate the above mentioned updates should you have any queries contact the Niftylift Service department via [service@niftylift.com](mailto:service@niftylift.com).

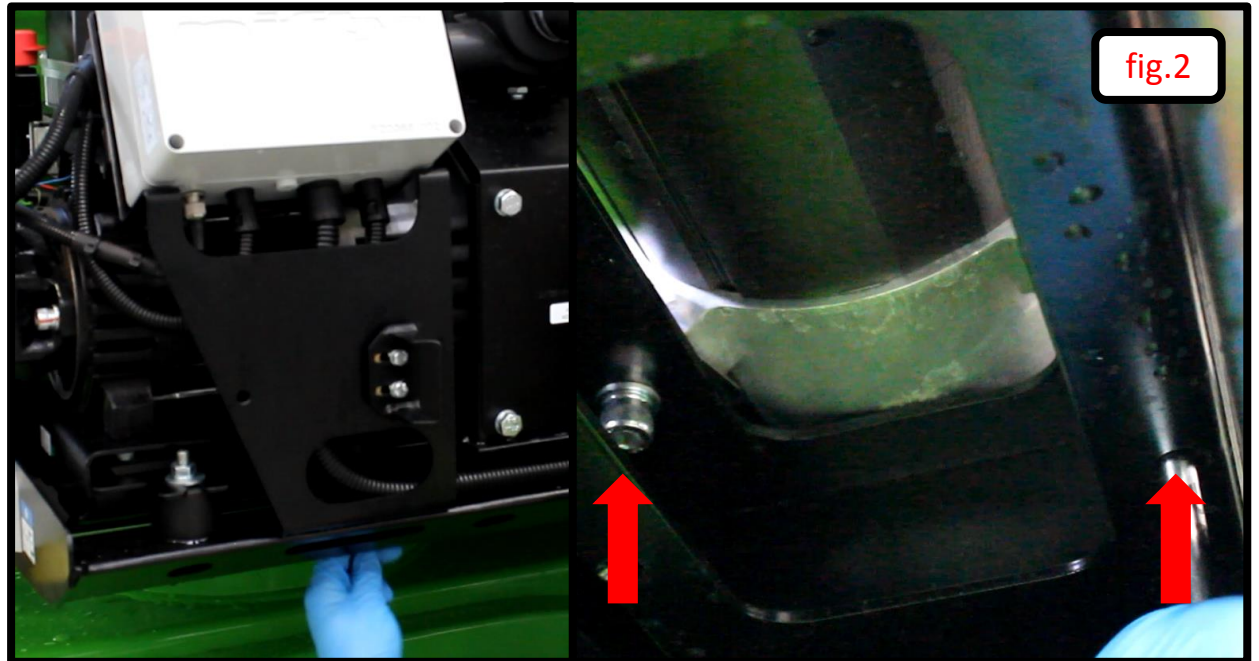
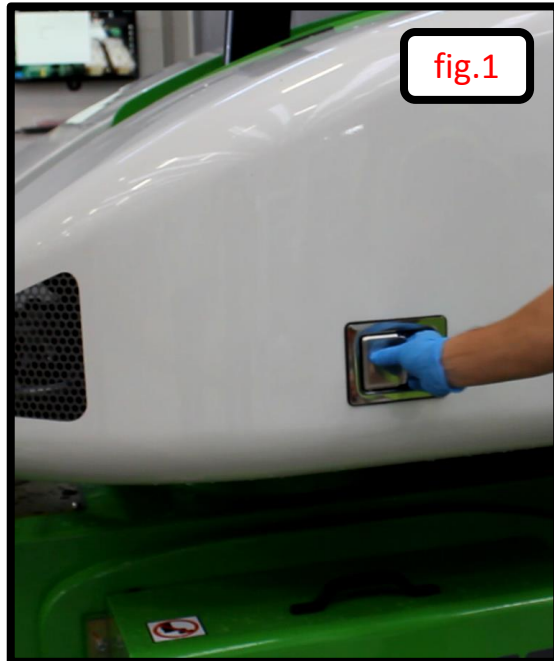
## 1. Isolate the machine

Turn the machine Key switch to off (fig.1) and press the red isolator located on the chassis base by the rear left wheel (fig.2).



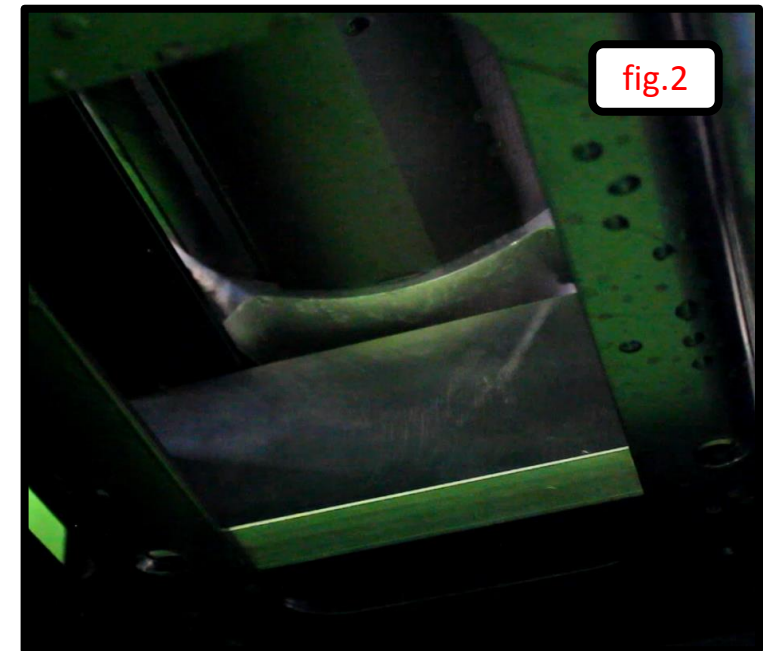
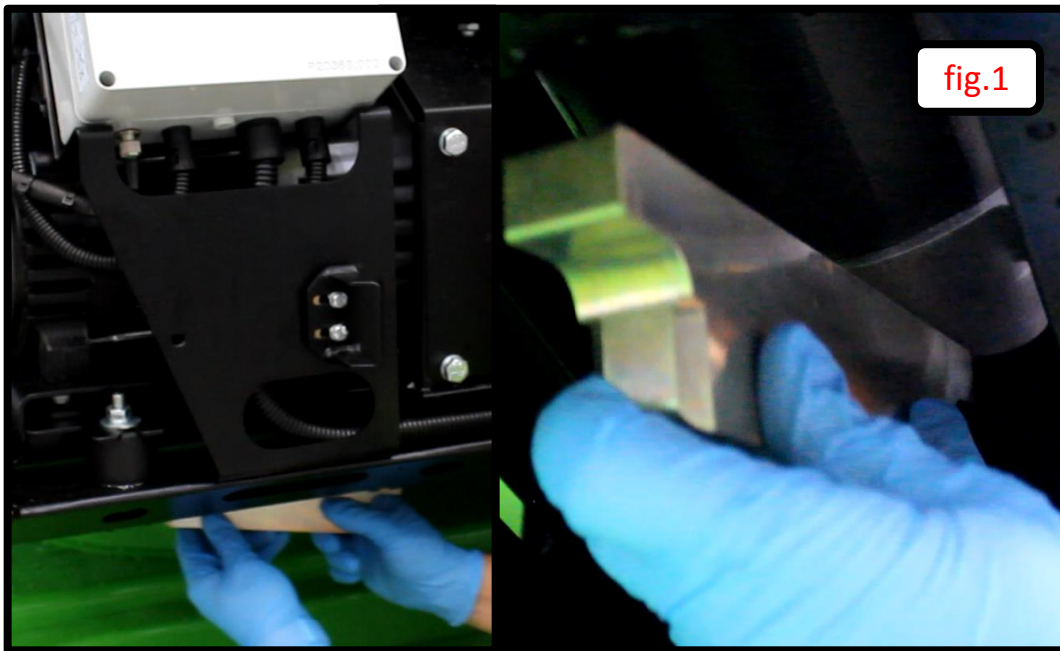
## 2. Remove the motor bolts

Open the engine side canopy fully (fig.1), locate 2 bolts closest to the clutch housing securing the motor to the motor cradle and using the 8mm Allen key T bar remove the 2 bolts (fig.2).



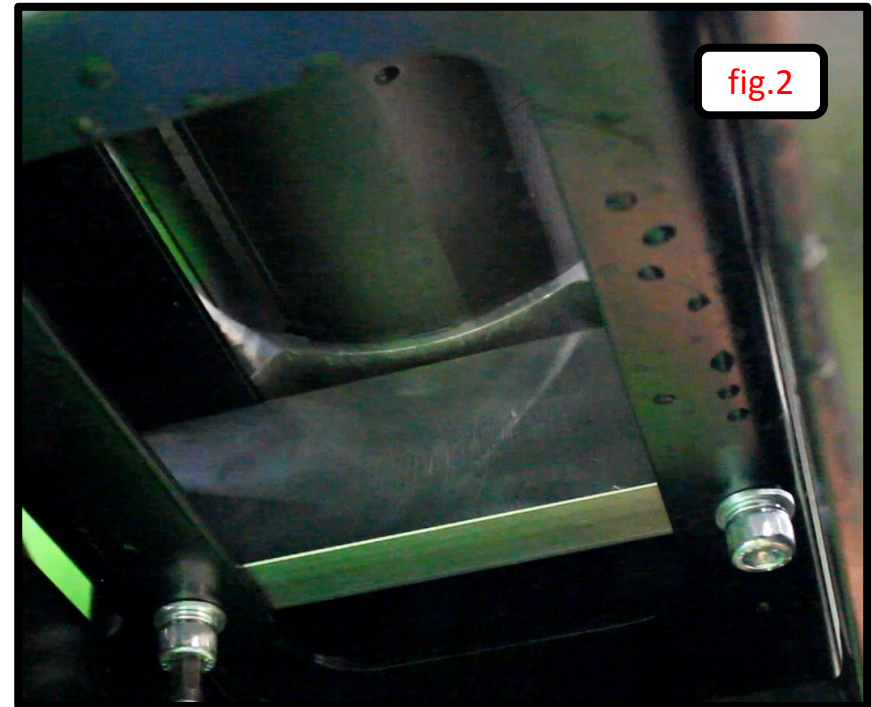
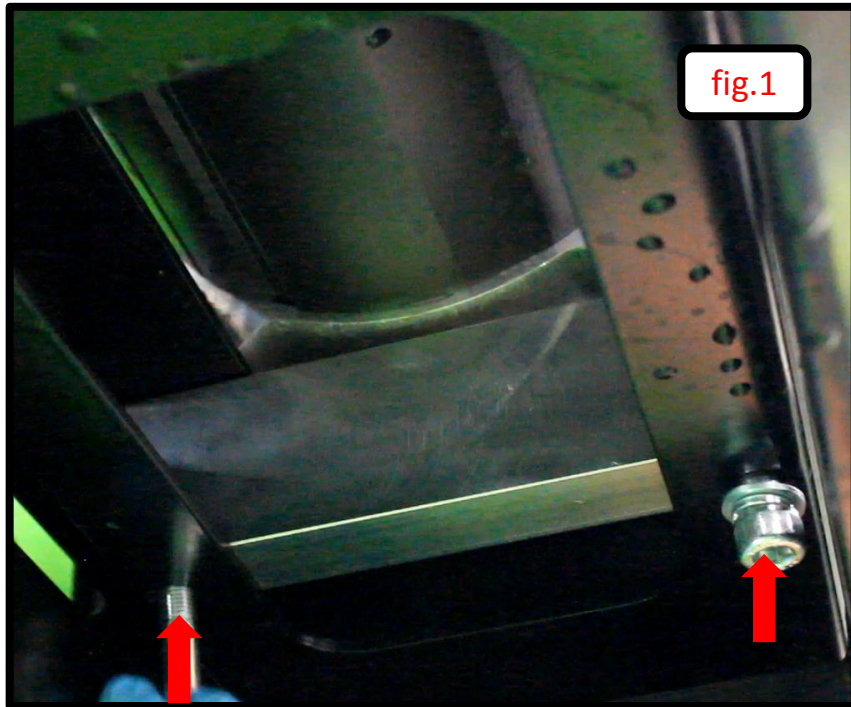
### 3. Fit the P32400

From underneath the motor cradle insert the P32400 (fig.1) and rotate through 90° so that it fits between the top and bottom support of the motor cradle (fig.2).



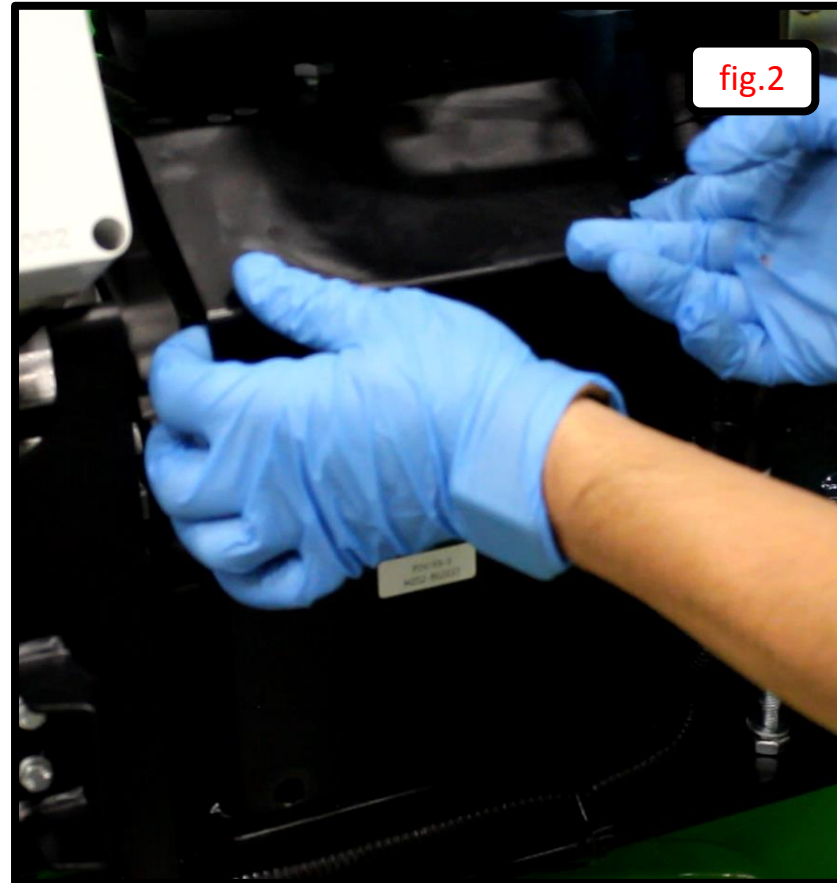
#### 4. Fit new bolts

Line the holes of the P32400 up with the motor cradle holes, insert the new M10x80x1.25(fine) 12.9 Cap Head bolt (fig.1) and fully tighten (fig.2), using the 8mm Allen key T bar.



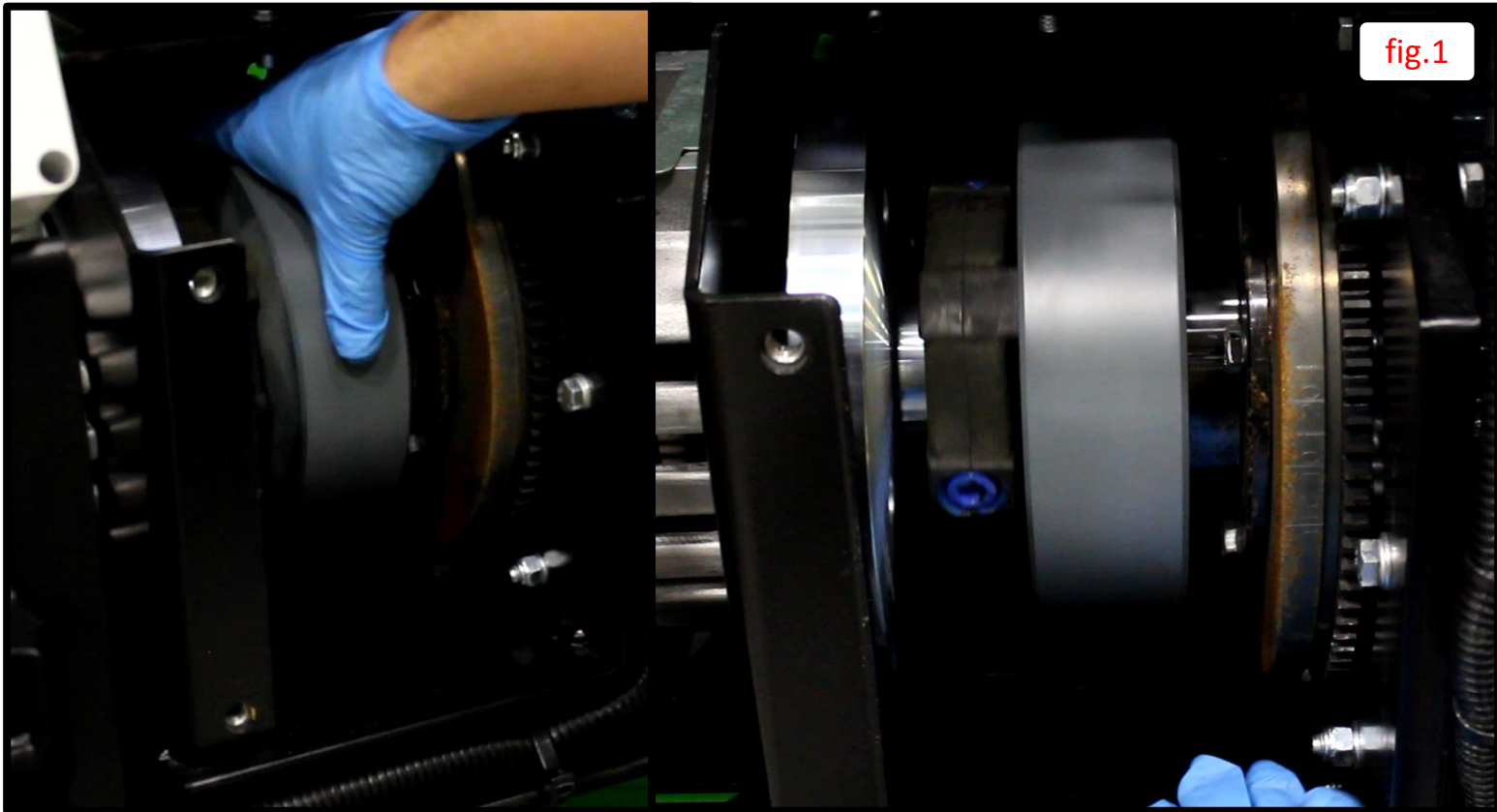
5. Remove the clutch cover

Using the 17mm spanner undo the 3 bolts that secure the clutch cover (fig.1) and remove the clutch cover (fig.2).



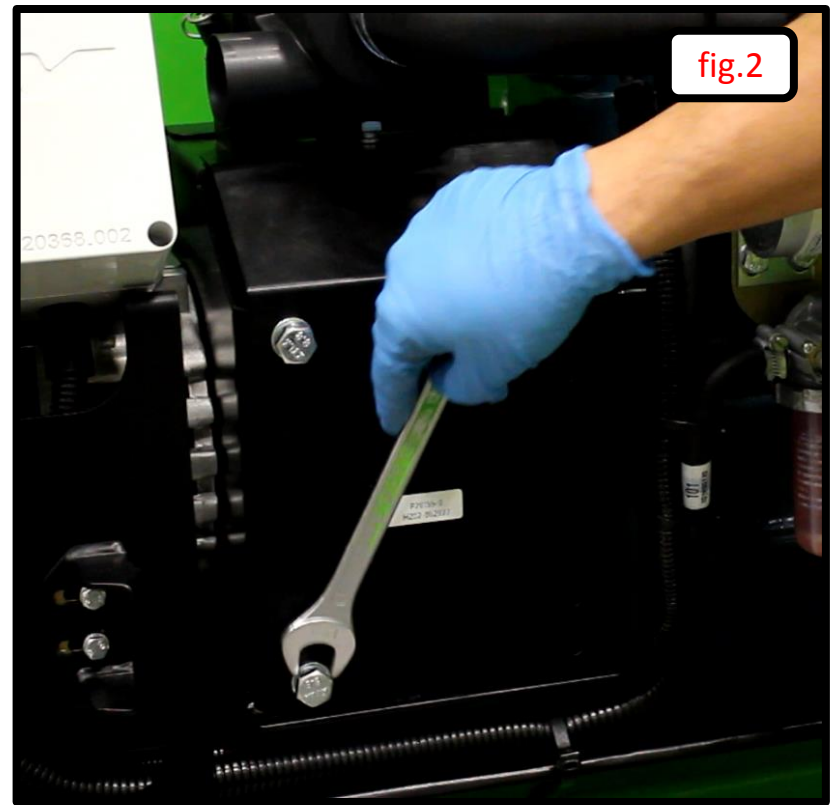
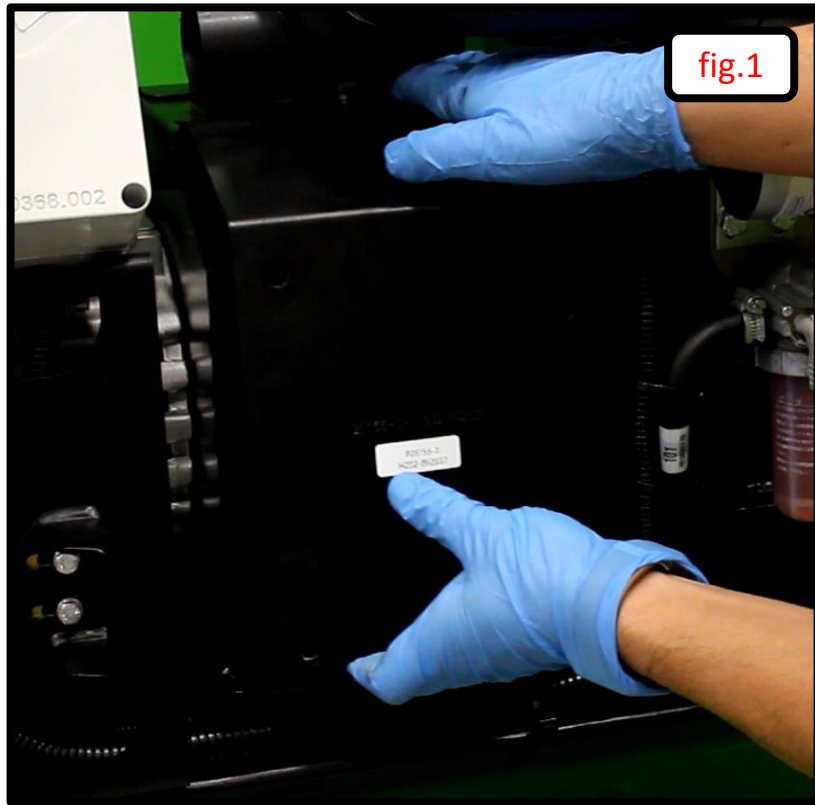
## 6. Check clutch coupling alignment

Hand rotate the clutch outer casing (fig.1) ensuring that it is free moving .



7. Replace the clutch cover

Replace the clutch cover (fig.1) and using the 17mm spanner tighten the 3 bolts that secure the clutch cover(fig.2).



## 8. Un-Isolate the machine

Close the engine side canopy (fig.1), pull out the red isolator located on the chassis base by the rear left wheel (fig.2). Turn the machine Key switch to on and let the machine load (fig.3).

