

HST – iPTO Clutch hub replacement



STEP – 01

Floor mat



- 🚜 Place an oil pan below the rear transmission & untighten the drain bolt using a 19mm spanner and let the transmission oil drain.
- 🚜 Remove the floor mat from the tractor.

STEP – 02



CAPTAIN

Forward-Reverse Pedal



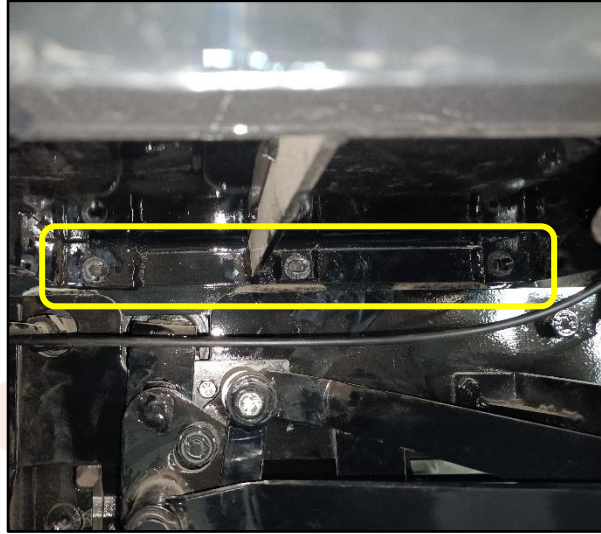
Footrest



- 🛠️ Remove these marked fasteners of forward and reverse pedal and take out the pedals.
- 🛠️ Remove the two marked fasteners from the footrest as shown above using 13 mm spanner.

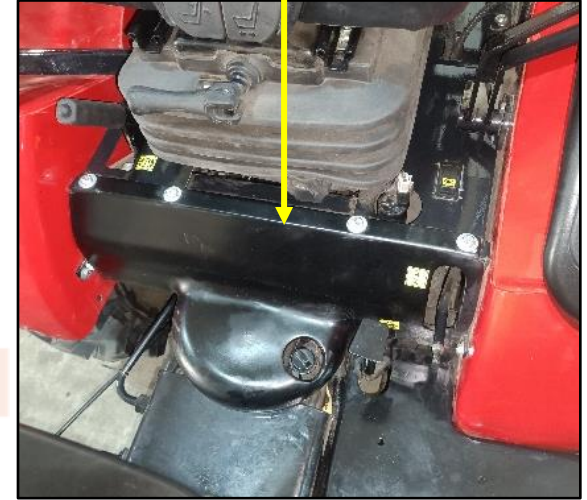
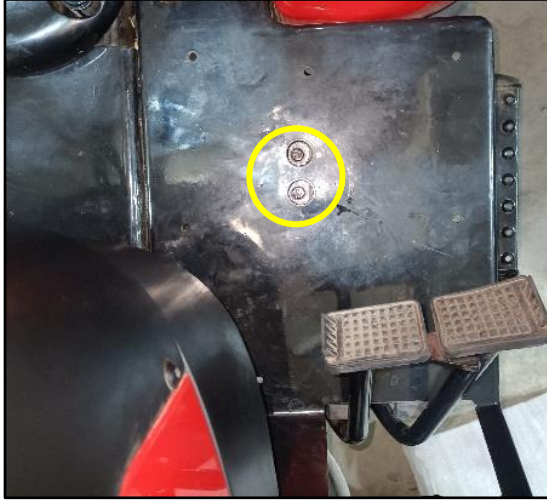
STEP – 03

Below RH side Footrest



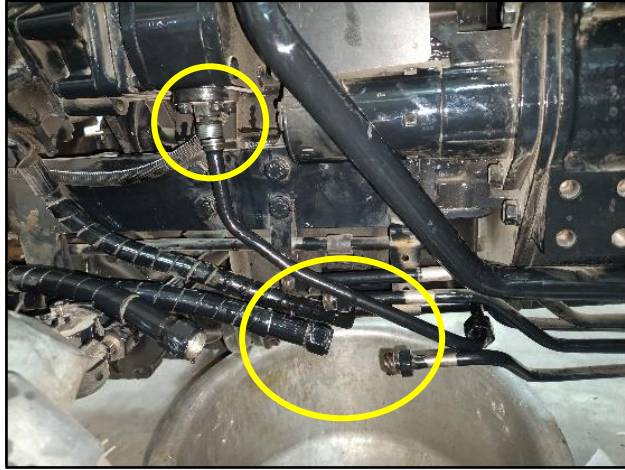
 Remove the fasteners of the RH side footrest mounting and take it out carefully.

STEP – 04



iPTO cover

- ✎ Remove these two bolts from the suction filter head using a 13 mm spanner.
- ✎ Remove these marked fasteners of the iPTO cover using a 13 mm spanner and take the iPTO cover out.

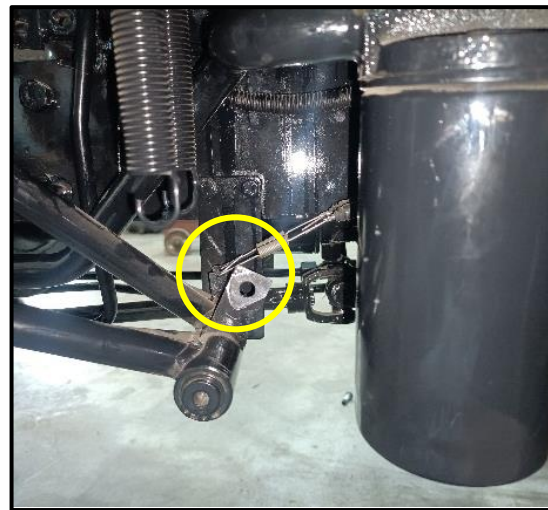


- ❏ Place an oil pan below the tractor & untighten the primary delivery pipe & flexible steering pipe using a 22 mm & 24 mm spanner as shown in the above Photo.
- ❏ Remove the power steering pipes using 24 mm spanner and disconnect the coupler of wiring harness.

STEP – 06



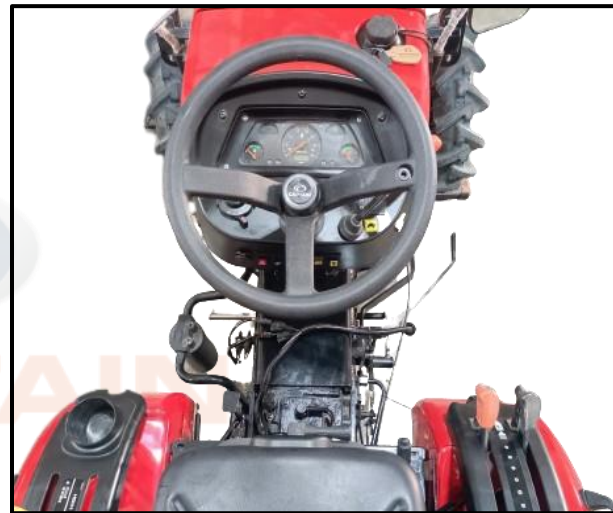
Brake link rod



- 🛠️ Remove the springs of brake pedals.
- 🛠️ Remove the split pin of the brake link rod as shown above.

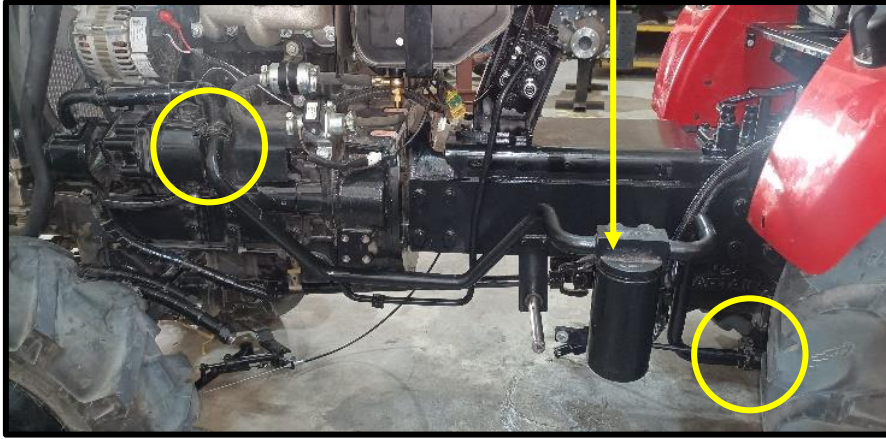
STEP – 07

**LH
Footrest**



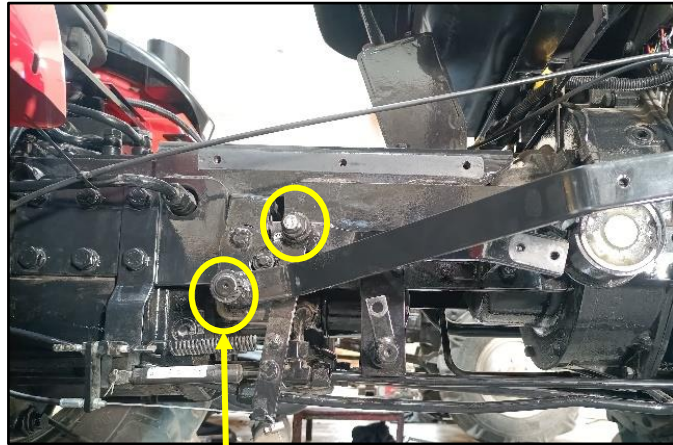
- Now remove the fasteners of the LH side footrest mounting and take out the footrest carefully.

Suction filter assembly

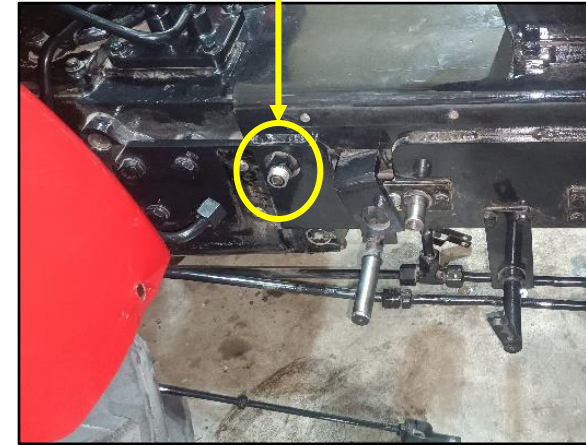


 Remove the suction filter assembly clamps from the front and rear side to take it out.

STEP – 09



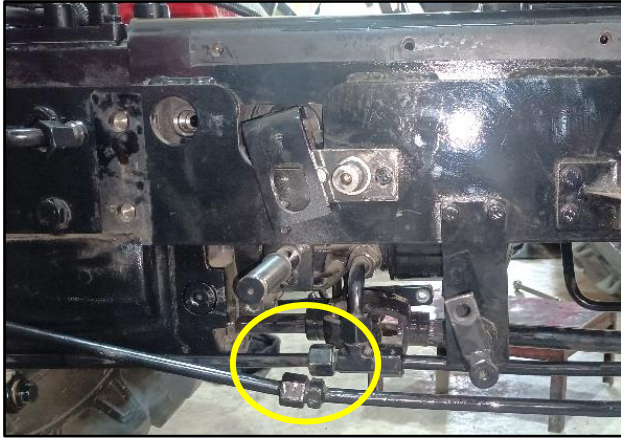
Circlip



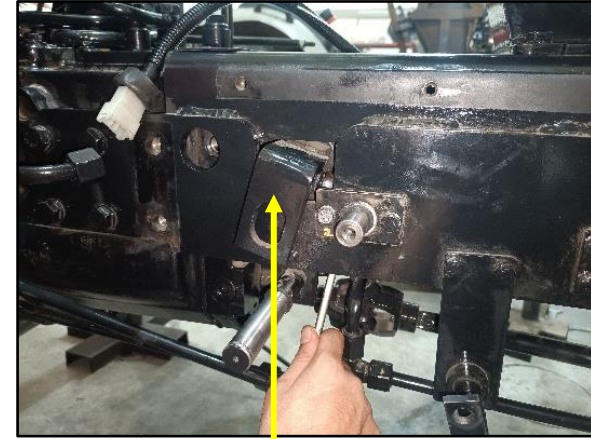
Nipple

- ❏ Remove the circlip and bolt from the forward and reverse pedals and remove both pedals.
- ❏ Remove the outlet pipe of the HST unit and then remove its nipple using a 24 mm spanner.

STEP – 10



'T' connection

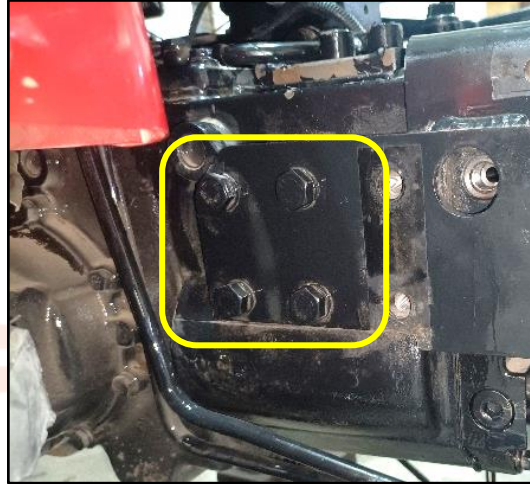
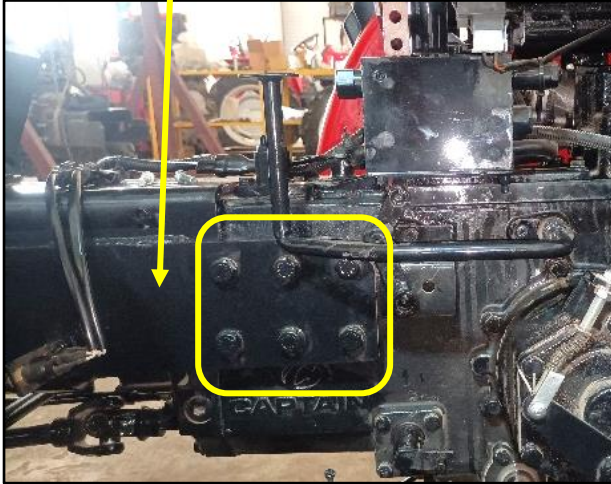


HST holder

- ✎ Remove the pipe from the T connection as shown above using a 24 mm spanner.
- ✎ Remove the HST holder using a 13 mm spanner.

STEP – 11

**Steering
frame bracket**



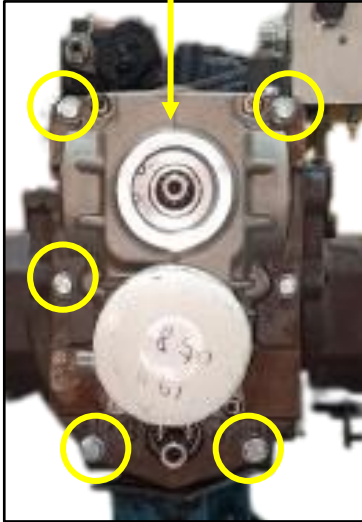
Snap ring



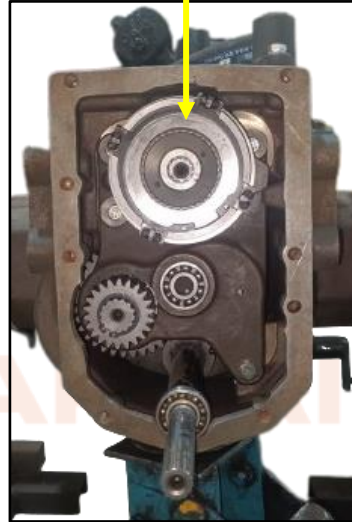
- ✎ Remove the fasteners of the steering frame bracket using a 22 mm spanner.
- ✎ Remove the snap ring of the propeller shaft and take it out carefully.

STEP – 12

HST Unit



iPTO clutch



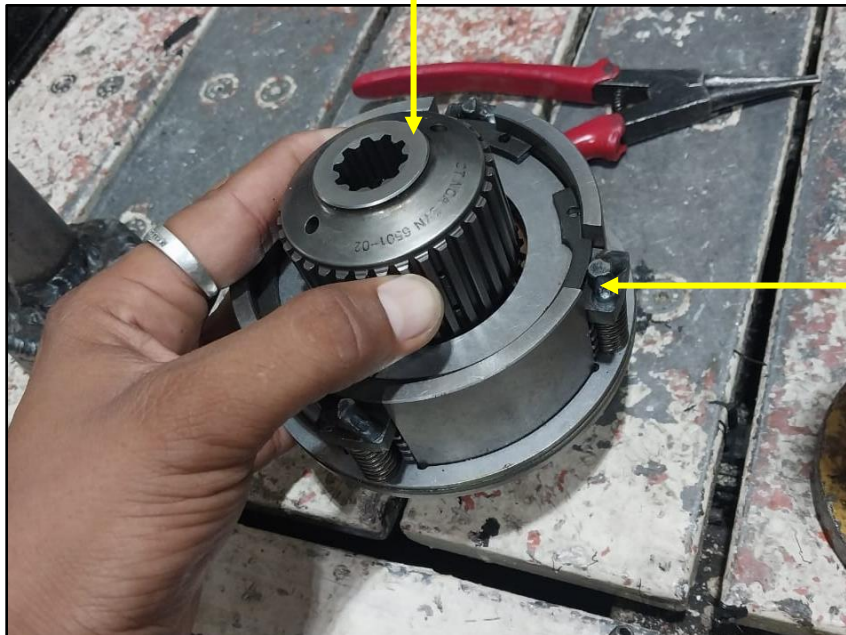
- ✎ Remove the fasteners of the HST unit and take it out carefully.
- ✎ Then remove the iPTO clutch assembly carefully.

STEP – 13



CAPTAIN

Clutch hub



iPTO clutch

 Take out the clutch hub and replace it with the new hub.

SAFETY MEASURES



- 🚜 Only allow experienced technicians to attempt services on tractors.
- 🚜 Wear protective gear while servicing the tractor.
- 🚜 Please make sure all hose connections and joints are properly tightened.
- 🚜 Keep the floor clean while working to avoid slipping.

THANK YOU