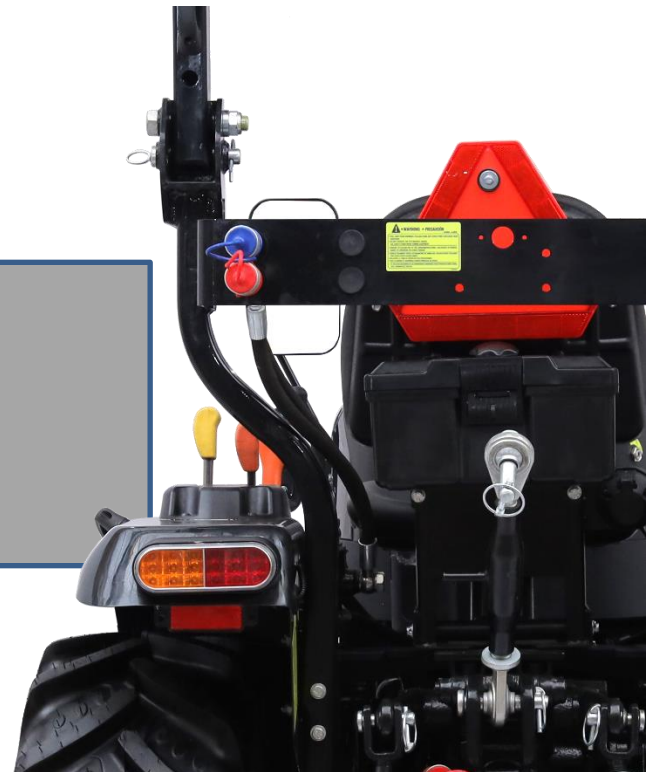




CAPTAIN
Pioneer of The Mini Tractor

HOW TO INSTALL PRIMARY QRC – MODEL 263 & 283



PART IDENTIFICATION



1



2



3



4



5



6



7



8



9



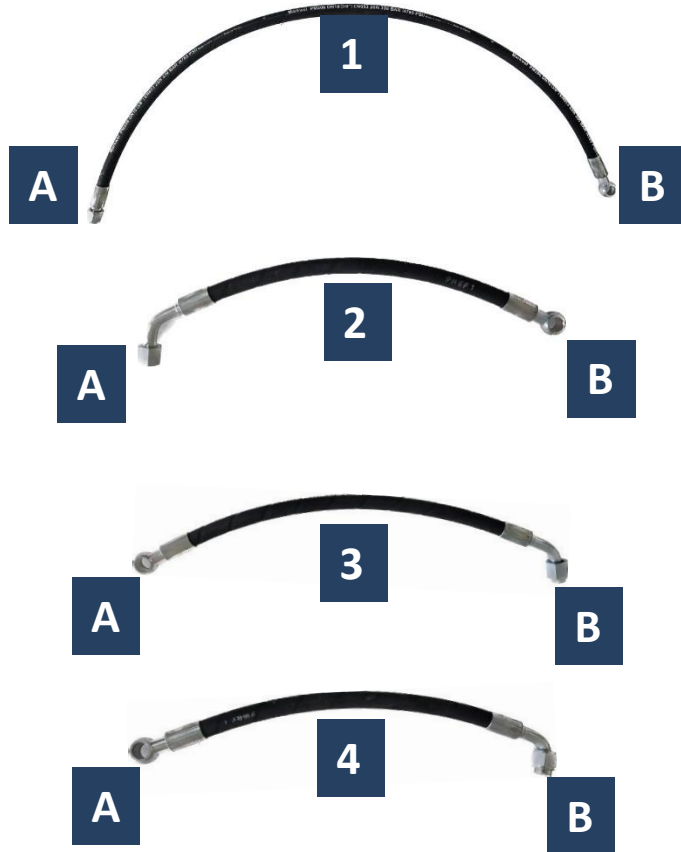
10



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Sr.no	Part Number	Part Name	Qty
1	11202328	HYDRAULIC DISTRIBUTOR VALVE (RETAIN TYPE)	1
2	11502336	BANJO BOLT 3/8	4
3	11205353	DCV MOUNTING BRACKET	1
4	11205329	O-RING 12.42X1.78	2
5	11202334	FEMALE QRC	2
6	11500051	HEX. BOLT M8 X 25 (F.T.)	2
7	11205327	NIPPLE 1/2" BSP X 13/16" UN	2
8	11500599	ALLEN BOLT M8x20 (F.T.)	2
9	21504513	DOWTY SEAL ½	2
10	11402783	DOWTY SEAL 3/8	8

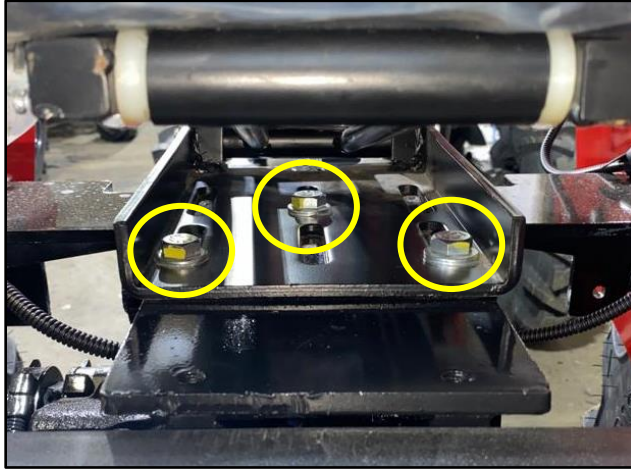
HOSE PIPE IDENTIFICATION



Sr.no	Part Number	Part Name	Qty
1	11205274	SECONDARY PIPE PUMP TO DCV	1
2	11205275	PIPE FROM DCV TO LIFT	1
3	11205273	PIPE(DCV TO QRC-1)	1
4	11205324	PIPE(DCV TO QRC-2)	1

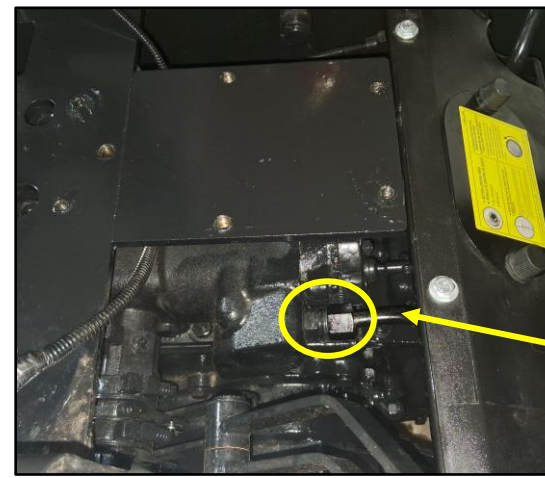
NOTE – Each pipe has been given a name including both ends for easy identification of pipes. These names will be used in the next slides

STEP :- 01

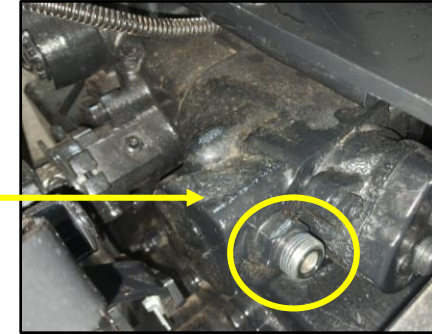


Seat mounting bolts

Remove these marked fasteners using an 18 mm spanner and take out the seat.



Secondary delivery pipe

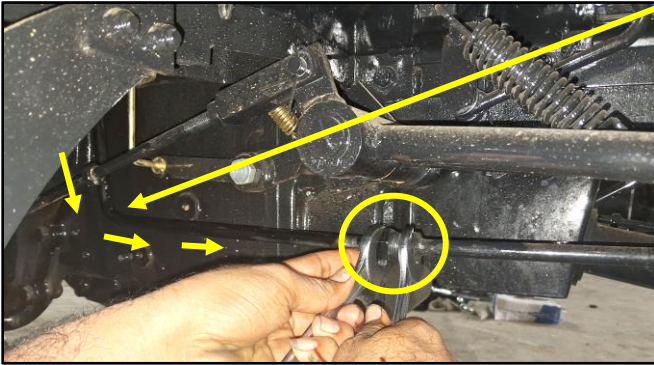


Hydraulic Body

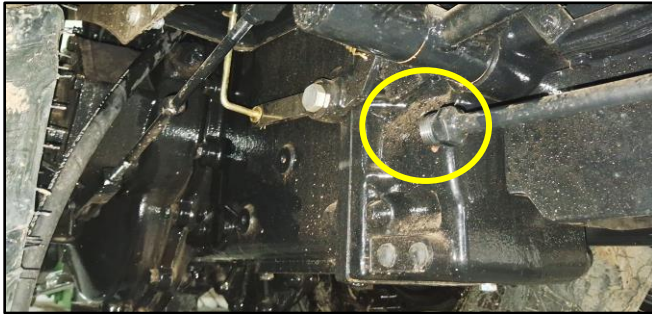
Remove this secondary delivery pipe inlet joint from the hydraulic body using 24 mm spanner.

STEP :- 02

Secondary
delivery
pipe



Below side view of the RH footrest



Remove this nut from the other end of the secondary delivery pipe using 24 mm spanner. Take out the secondary delivery pipe.

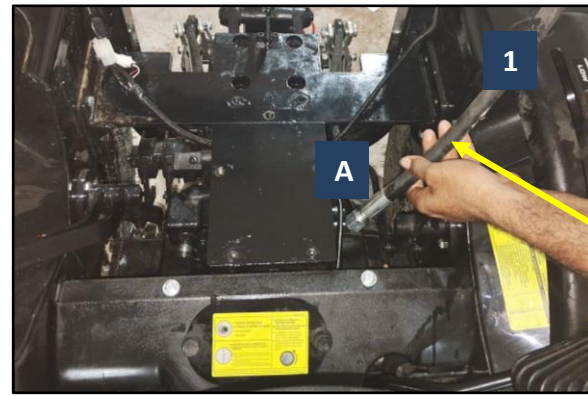


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Pioneer of The Mini Tractor

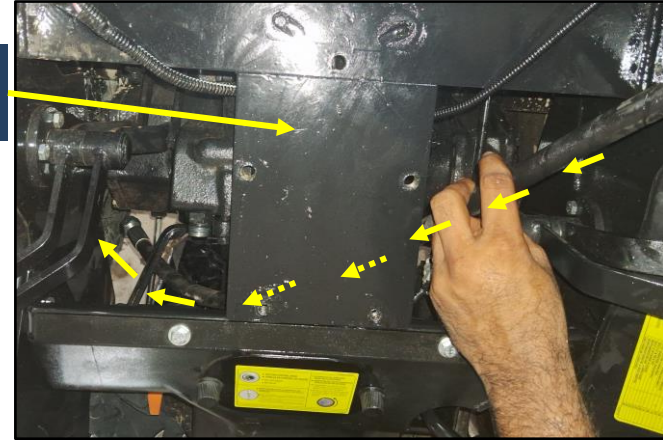
1

A

Part number-
11205274

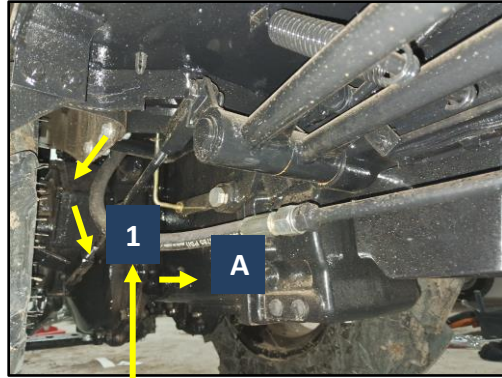


Seat mounting
bracket



Insert the end 'A' of hose pipe 1 (Part number-11205274) below the seat mounting bracket and follow the routine as per the above image.

STEP :- 03

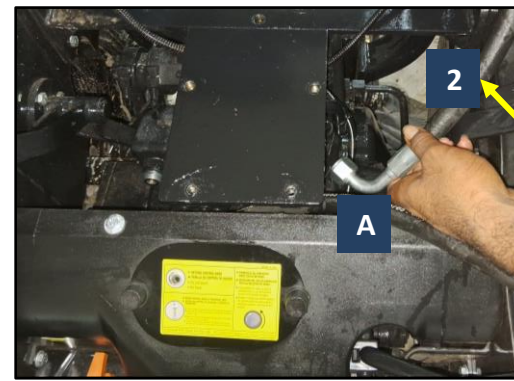


Part number-
11205274

Primary
delivery pipe



Tighten the 'A' end of hose pipe 1 (Part number-11205274) with the Primary delivery pipe using 24 mm spanner




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Part number-
11205275

Seat mounting
bracket

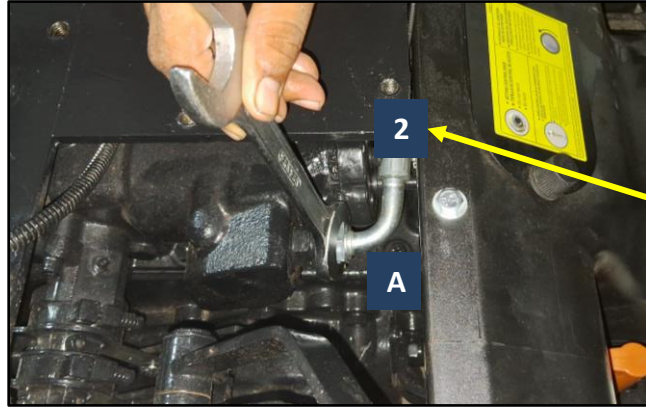


Now insert the 'A' end of hose pipe 2 (Part number-11205275) below the seat mounting bracket as shown in the above image.

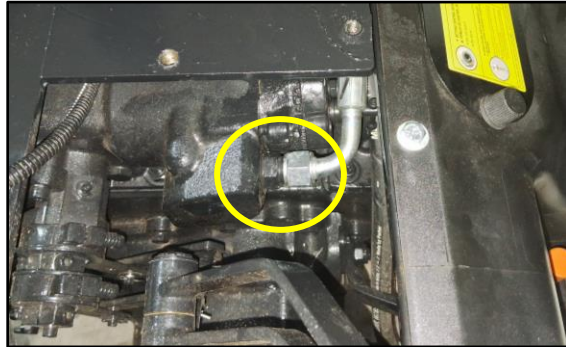


CAPTAIN
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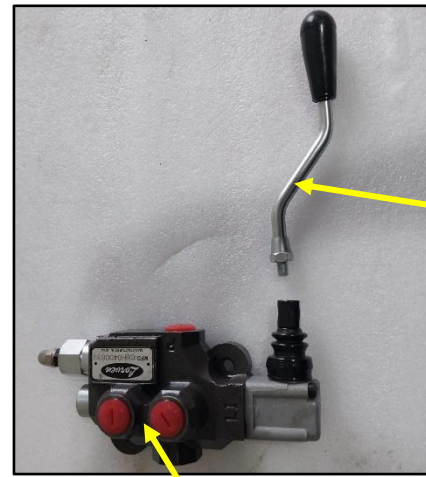
STEP :- 04



Part number-
11205275

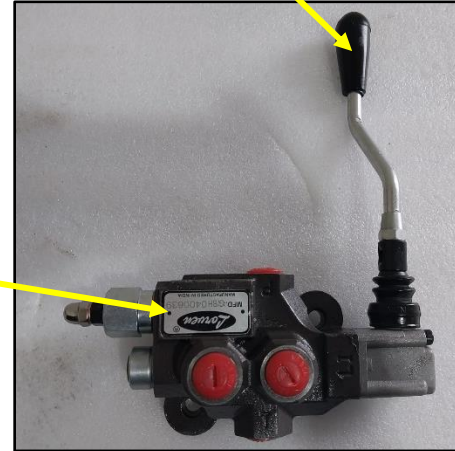


Now tighten the end 'A' of the pipe 2 (Part number-11205275) with the hydraulic body at the marked location



Distributor valve

Auxiliary lever

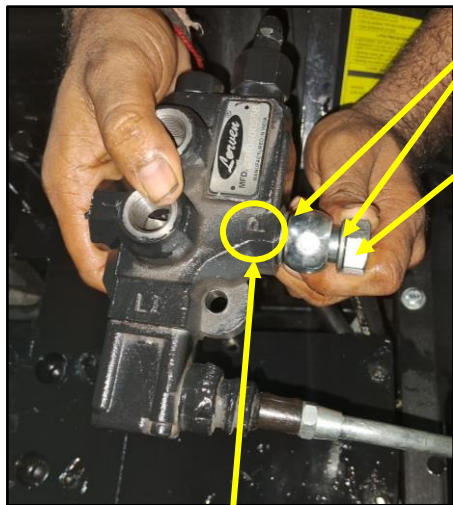


Take the Auxiliary lever and tighten it on the Distributor valve.



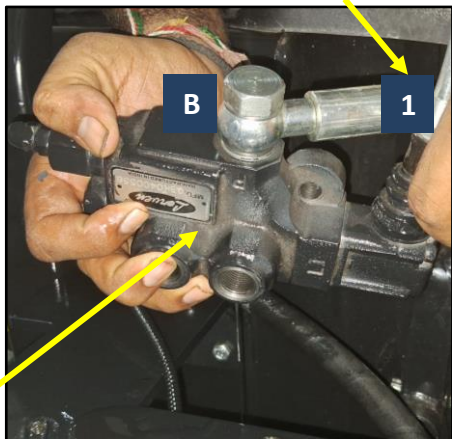
CAPTAIN
Pioneer of The Mini Tractor

STEP :- 05



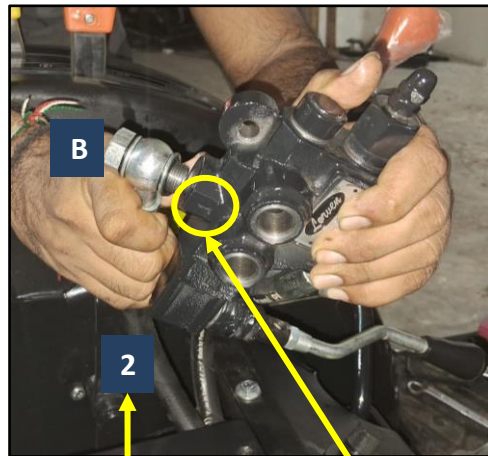
Inlet 'P'

Distributor Valve



B

1

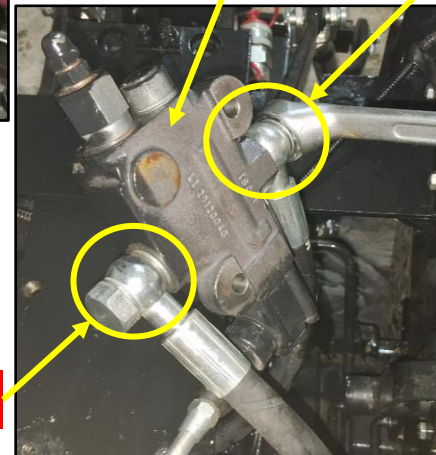


B

2

Part number-11205275

Inlet 'T'



Distributor Valve

T

P

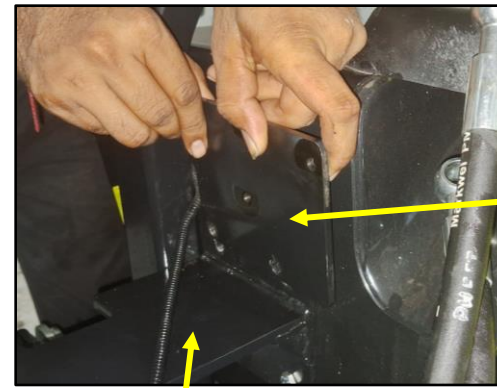
Take the 'B' end of hose pipe 1 (Part number-11205274) and tighten it with one banjo bolt and two dowty seals 3/8 on the Distributor valve at marked inlet 'P'

Similarly, take the 'B' end of hose pipe 2 (Part number-11205275) and tighten it with one banjo bolt and 2 dowty seals 3/8 on the distributor valve at marked inlet 'T'

STEP :- 06

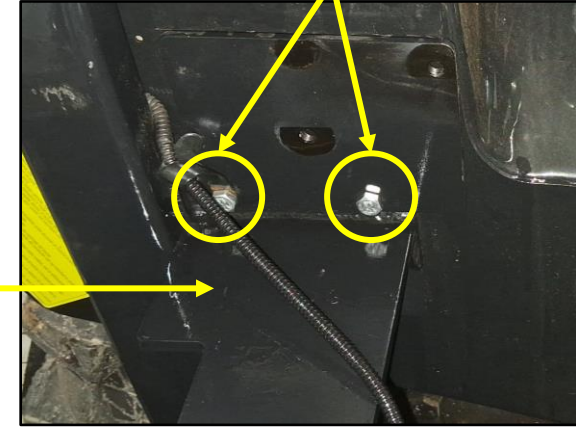


Remove these two marked fasteners from the LH fender using a 13 mm spanner



DCV mounting bracket

Part number-
11500051



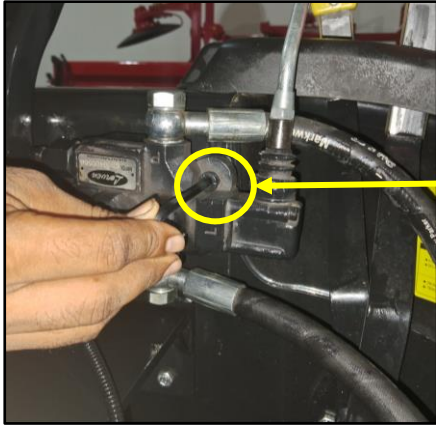
Seat mounting bracket

Take this DCV mounting bracket and mount it on the seat mounting bracket using 13 mm spanner.



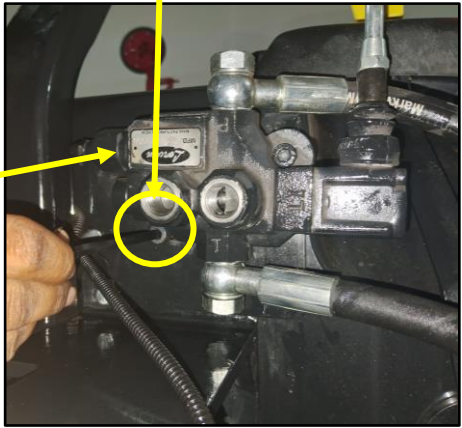
CAPTAIN
Pioneer of The Mini Tractor

STEP :- 07



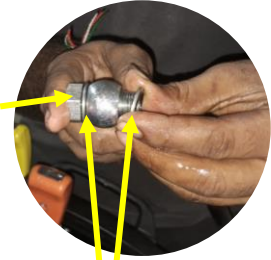
Allen bolts
M8x20

Distributor Valve

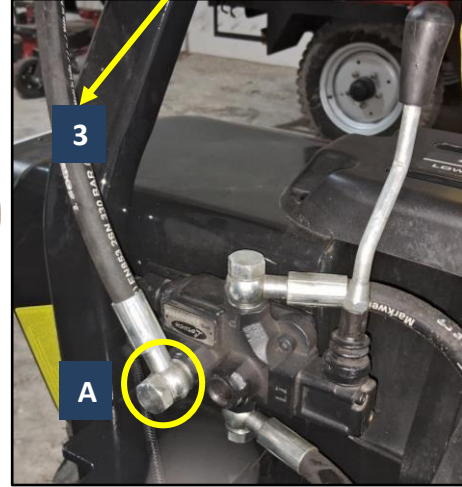


Part number-
11205273

Banjo bolt



Dowty seal 3/8



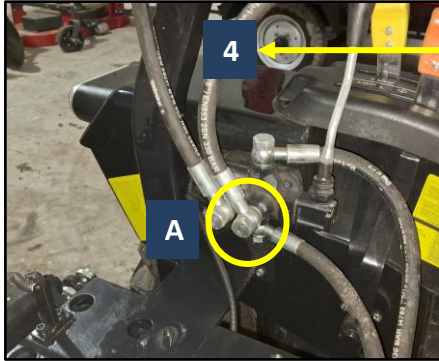
Take the Distributor valve and mount it on the DCV bracket with two allen bolts M8x20.

Take the 'A' end of hose pipe 3 (Part number-11205273) and tighten it with one banjo bolt and two dowty seals 3/8 on the distributor valve at the marked location.

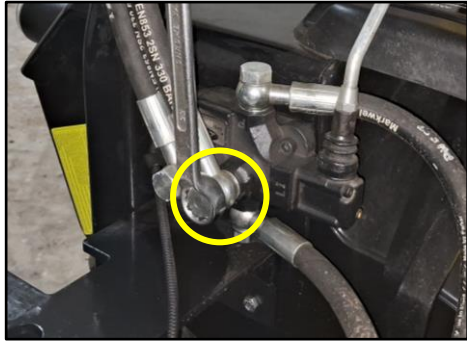


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STEP :- 08



Part number-
11205324

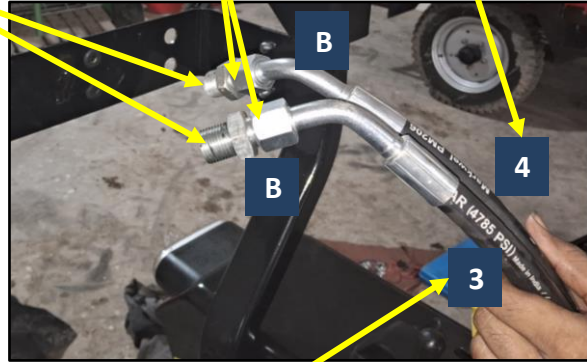


NIPPLE 1/2" BSP X
13/16" UN

O-RING 12.42X1.78



Part number-
11205324



Part number-
11205273

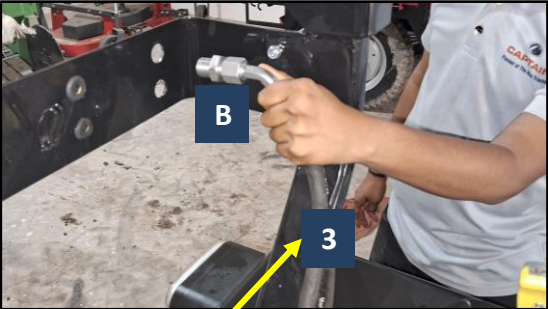
Take the 'A' end of hose pipe 4 (Part number-11205324) and tighten it with one banjo bolt and two dowty seals 3/8 on the distributor valve at the marked location.

Take the Nipple with an o-ring and tighten it with both end 'B' of hose pipes 3 & 4 as shown in above image.



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Power of The Mini Tractor

STEP :- 09



B

3

C-Plate

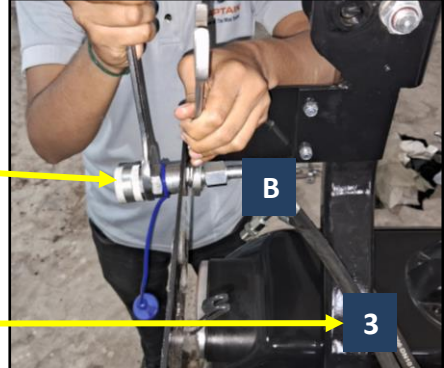
Part number-
11205273



Dowty
Seal
1/2

Female
QRC

Part number-
11205273



B

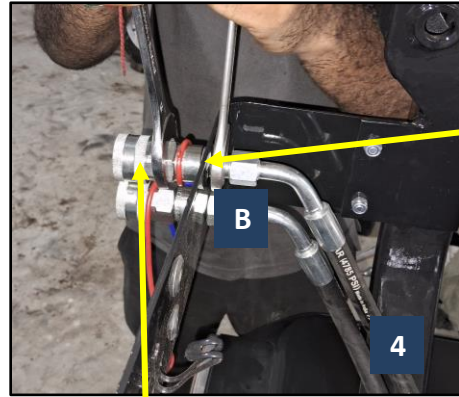
3

Take the 'B' end of hose pipe 3 (Part number-11205273) and mount it on the C-plate as shown in the above marked location.

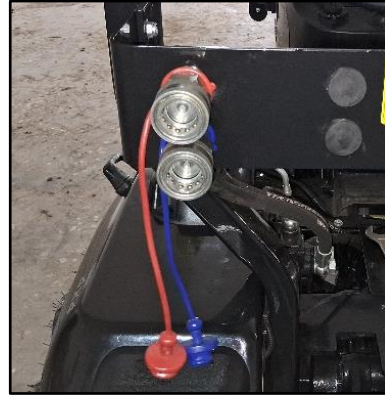
Take the female QRC with dowty seal and tighten it with the 'B' end of hose pipe 3 (Part number-11205273) using a 32 mm spanner.

STEP :- 10

Dowty
Seal 1/2



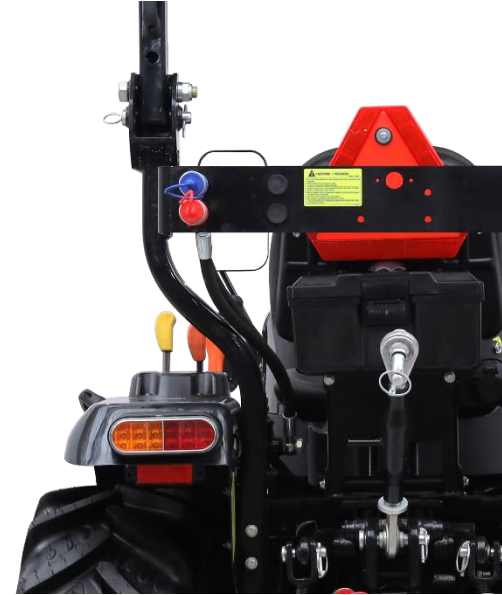
Female
QRC



Similarly, take 'B' end of hose pipe 4 (Part number-11205324) and mount it on the C plate at the marked location with Female QRC using a 32 mm spanner



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Ensure dust cap on the female QRC and refit the seat on the tractor.

SAFETY MEASURES

- Only allow experienced Technician to attempt services on tractor.
- Wear Protective Gear While Servicing Tractor.
- Please make sure all hose connections and joints are properly tightened.
- Check for any leakage after starting the tractor. If any leakage is observed, then stop the tractor and tighten the leakage point.
- Keep the floor clean while working to avoid slipping.

THANK YOU...