



SSC mounts can readily be converted to accommodate CSC load cells with higher signal and increased accuracy. The table below lists the conversion kit part number required for each of the conversion options.

Note that the SSC is a very robust load cell and due to the lower signal output and stresses it can withstand substantially more load than the CSC. If the loading is very severe replacing the SSC with a higher capacity CSC is recommended. Note that because of different signal outputs you cannot replace just 1 SSC in a multiple load cell scale with a CSC.

CSC/M-SSC	M-SSC1-20	M-SSC1-50	M-SSC2-20	M-SSC2-50	M-SSC3-20	M-SSC3-50
CSC-5t	M-CSC1-SSC1-25	M-CSC1-SSC1-30	M-CSC2-SSC2-25	M-CSC2-SSC2-30	M-CSC1-SSC1-25	M-CSC1-SSC1-30
CSC-10t	M-CSC1-SSC1-25	M-CSC1-SSC1-30	M-CSC2-SSC2-25	M-CSC2-SSC2-30	M-CSC1-SSC1-25	M-CSC1-SSC1-30
CSC-20t	M-CSC1-SSC1-25	M-CSC1-SSC1-30	M-CSC2-SSC2-25	M-CSC2-SSC2-30	M-CSC1-SSC1-25	M-CSC1-SSC1-30
CSC-25t	M-CSC1-SSC1-25	M-CSC1-SSC1-30	M-CSC2-SSC2-25	M-CSC2-SSC2-30	M-CSC1-SSC1-25	M-CSC1-SSC1-30
CSC-30t	M-CSC1-SSC1-25	M-CSC1-SSC1-30	M-CSC2-SSC2-25	M-CSC2-SSC2-30	M-CSC1-SSC1-25	M-CSC1-SSC1-30
CSC-40t	M-CSC1-SSC1-50	M-CSC1-SSC1-50	M-CSC2-SSC2-50	M-CSC2-SSC2-50	M-CSC1-SSC1-50	M-CSC1-SSC1-50
CSC-50t	M-CSC1-SSC1-50	M-CSC1-SSC1-50	M-CSC2-SSC2-50	M-CSC2-SSC2-50	M-CSC1-SSC1-50	M-CSC1-SSC1-50

Note: The CSC capacities up to 30t fit the standard SSC 50t top receptor and only the lower receptor of the M-CSC1-SSC1-30 or M-CSC2-SSC2-30 is required for conversion of 50t SSC mounts to CSC up to 30t.



Note: The M-CSC1-SSC1-25 and M-CSC1-SSC1-50 comprise 3 receptors. When using this in a mount conversion, the spigotted top receptor shown top right is not used as the mounts use a different threaded top receptor shown top left.

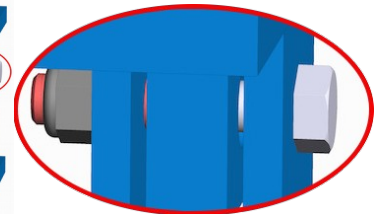
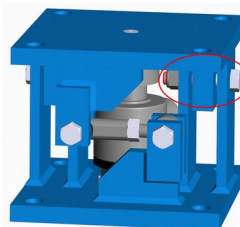


Procedure for conversion

Installing the M-CSC1-SSC1-30 and M-CSC2-SSC2-30.

Access to the top of the mounting assembly is not required but lifting the top plate is necessary.

1. Remove the SSC and the lower receptor in which the SSC sits. This is most easily achieved by removing the mounting assembly and lifting the top plate to remove the SSC and receptor but the top plate can be lifted in position. To lift the top plate on the SSC Type 2 mount the uplift restraining bolts must be removed.



2. Insert the lower receptor for the CSC and the CSC load cell.
3. Ensure the load cell is oriented so that the cable will not be damaged.
4. Replace the uplift restraining bolts in the case of a Type 2 mount.
5. Re-assemble the mounting assembly in the scale.

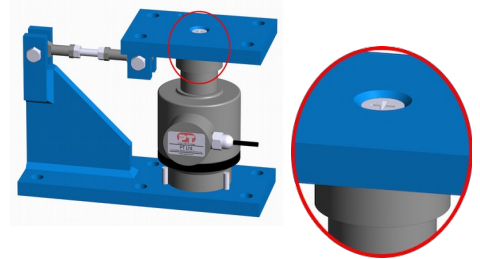


Installing the M-CSC1-SSC1-25, M-CSC1-SSC1-50, M-CSC2-SSC2-25 and M-CSC2-SSC2-50.

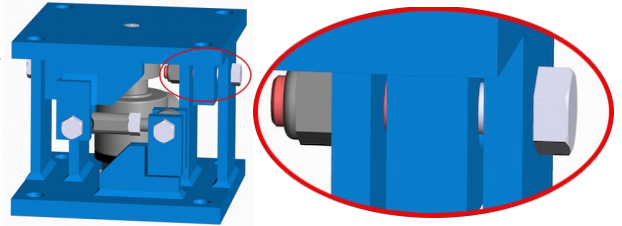
Access to the top of the mounting assembly is required.

1. Gain access to the top of the SSC mounting assembly by removal of the mounting assembly completely or by lifting the weighing platform or vessel from the top of the assembly.

2. Using a 5mm Allen hex key (6mm for Type 2 mount) remove the screw in the centre of the top plate holding the receptor in position and remove the top receptor.



3. Remove the SSC and the lower receptor in which the SSC sits. The top plate may need to be lifted to perform this but it may be possible to slide the SSC and top receptor out. To lift the top plate on the SSC Type 2 mount the uplift restraining bolts must be removed.



4. Insert the lower receptor for the CSC.
5. Insert the upper receptor for the CSC and the CSC load cell.
6. Replace the top receptor retaining screw removed in 2. above and tighten to 25Nm torque.
7. Ensure the load cell is oriented so that the cable will not be damaged.
8. Replace the uplift restraining bolts in the case of a Type 2 mount.
9. Re-assemble the mounting assembly in the scale.

When conversion is completed, test the scale to confirm correct weighing.