



Stabiliser/Boom Interlock test

All machines in the Snorkel 'MHP' Series of Trailer Mounted Elevating Work Platforms are fitted with a very important safety feature, a 'Stabiliser/Boom Interlock' system that prevents the booms being elevated to an unsafe position unless all four stabilisers have been correctly set and have made firm contact with the ground. This same safety feature also prevents the Stabilisers being operated while either or both Booms are elevated.

The correct operation of the Stabiliser/Boom Interlock is critical to ensure that the MHP is operated safely and without risk. To ensure the interlock system is functioning correctly, before operating the MHP the following test must be carried out prior to operation each day, in conjunction with all other pre-operational checks as detailed in the relevant Operators Manual:

1. Position the machine on a firm level surface.
Chock the wheels as required, engage the Parking Brake, and remove the machine from the towing vehicle.
2. From the base controls, start the engine and allow it to warm up (petrol engines).
Remove the Travel Pins from both the Upper and Lower booms (as applicable to the model). Move the Stabiliser/Boom selector switch to 'Boom'.
3. Attempt to raise the Upper Boom; it must not rise out of the boom rest at all. Repeat this Step for the Lower Boom, it must not rise at all either. If neither Boom will rise from the boom rest, proceed to Step 5.
4. If either Boom rises from the boom rest and continues to rise higher than approximately **400mm**, **stop the engine immediately!** Using the Emergency Lowering valve, lower the Boom into the boom rest, remove the machine from service and affix a Danger Tag warning others that the machine is not to be used.
Contact your nearest Snorkel branch or authorised agent on (Ph.) 1300 103 040 to inspect, repair and test the machine before allowing it to be placed back into service.
5. Follow the correct procedure in the Operators manual for setting up the machine on the Stabilisers.
6. When the Stabilisers are correctly set, the green Enable Lamp is lit and the machine is level, move the Stabiliser/Boom selector switch to 'Boom'.
7. From the base controls, raise the Upper Boom (no more than) approximately **400mm** from the boom rest.
Important: Move the Stabiliser/Boom selector switch to the 'Stabiliser' position.
8. Using the Stabiliser controls, operate one of the Stabiliser control switches or levers (any one).
There must be no corresponding movement of the Stabiliser for the switch or lever used. If the Stabiliser does not move, lower the Upper Boom back into the boom rest, and repeat Steps 7 and 8 for the Lower Boom.
9. If there is no corresponding movement of the Stabilisers when Steps 7 and 8 are followed for both Booms, the Stabiliser/Boom Interlock circuit is functioning correctly and the machine can now be used safely as per the instructions in the Operators Manual.
10. If there is a corresponding movement of *any* of the Stabilisers when Steps 7 and 8 are followed, **stop the engine immediately!** Using the Emergency Lowering Valve, lower the Boom into the boom rest. Re-start the engine and fully retract all four Stabilisers. Remove the machine from service and proceed as in Step 4.

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