



S0029 Removing Top Arm in Service Workshop

S0029	Structural	Version 1	18 Jan 07
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For location of pins, refer to S0028 Crane Pin Names.

This procedure is for service workshop use.

Equipment Required:

- Cradle (purpose made tool)
- Lifting Strop or Jig
- Overhead crane (as described separately)
- Pin Puller
- General Tools

How to Remove Top Arm

- Raise top arm until you are able to place the cradle between the top arm cylinder and bottom arm. Carefully lower top arm until cylinder is resting in the cradle.
- Remove retaining bolts from D-pin and then F-pin.



Heating of the retaining bolt heads may be required to break Loctite.

- If required, remove sensor wiring. Take note of connections and label wires for ease of reconnecting.
- This step depends on the crane model:
 - I. For models with 16mm centre plugs:
 - Remove 16mm plugs from the centres of both sides of top arm and fit a 16mm bolt 130mm long into plug threads. Fit a lifting strop or chain over these bolts.
 - With an overhead crane or similar lifting equipment take the weight of the arm. Attach a strop or chain from the overhead crane to the G-pin, this will help with balance.
 - II. For models without central plugs e.g. older SB360's:
 - Use the SB360 lifting jig - attach the 4 chains to the 4 corner pins of the arm.
- With a pin puller carefully remove the D-pin, take care as the top arm may not be balanced. Adjust strop around G-pin if required.
- With a pin puller carefully remove the F-pin, then remove the top arm
- Wash top arm and place on trestles ready for repair.

Use the same procedure in reverse to refit the Top Arm.

At this point if it is necessary to remove and inspect the G-Pin, refer to S0030 Removing and Replacing G Pin

For How to remove the Top Arm Cylinder, refer to S0031 Removing Top Arm Cylinder