

# INSTRUCTION MANUAL

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This document provides a detailed description of the steps to follow when using the **OWL Fishing Tool System** and should be considered as a reference only.

## Parts required for use:

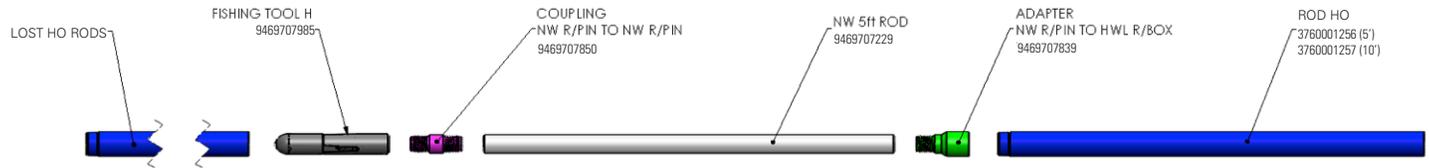
The following parts are required in order to use the OWL Fishing Tool System. For example, in the case of an N-size fishing tool, the following parts are required:

- OWL Fishing Tool NW
- BW rod (5 ft/1.5 m or more)
- Coupling BW r/pin to BW r/pin to attach the tool to the BW rod
- Adaptor BW r/pin to your specific threads r/box (ex. NO/NT)

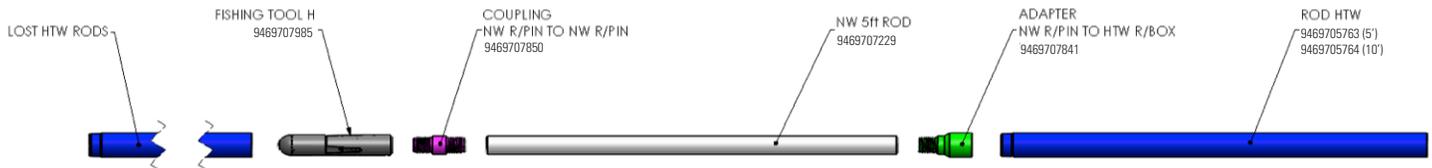
## IMPORTANT

Make sure water can run all the way through your assembly as the OWL Fishing Tool is activated by water pressure.

## SETUP EXAMPLE TO FISH HWL RODS:



## SETUP EXAMPLE TO FISH HTW RODS:



## PREPARATION

1. Examine the fishing tool for any damage, make sure all parts move freely, and that it is the correct size for the rods being fished. Perform a test on the surface to ensure a proper fit.
2. Make sure the bore hole has been flushed clean of all drilling muds and debris before lowering the fishing tool.
3. Connect the fishing tool to the fishing string using a rod coupling, a 5 foot rod of the same diameter as the tool, and the appropriate adaptor.

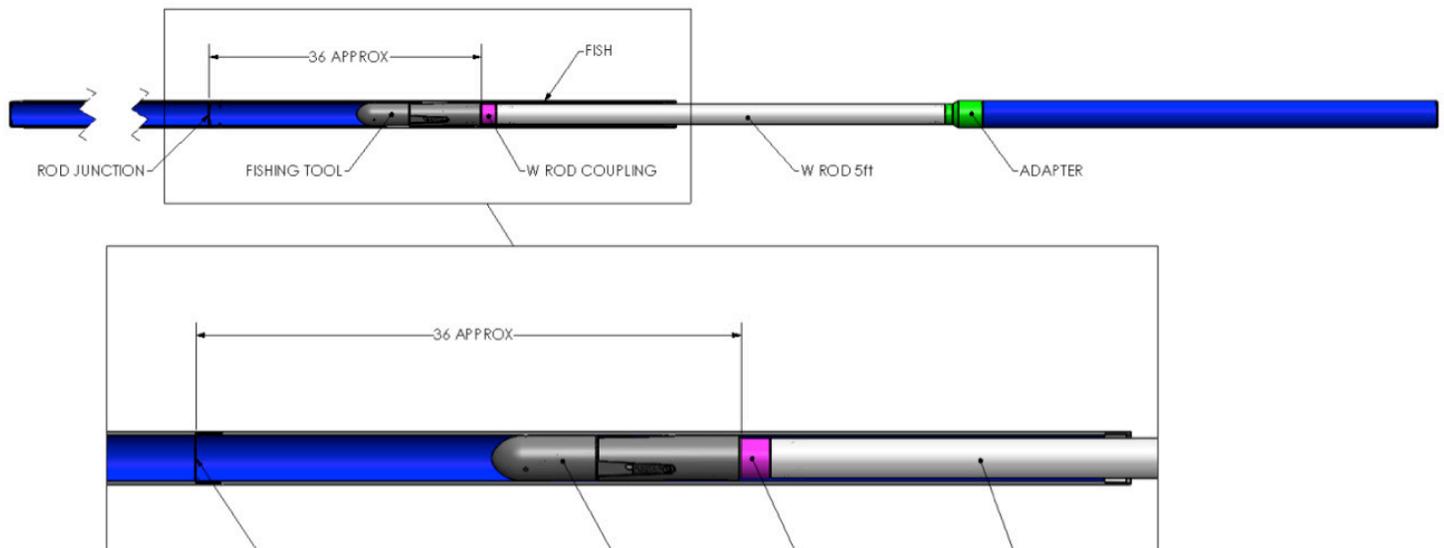
## ENGAGING THE FISH

1. Ensure that the location of the top of the fish is known to the inch.
2. Lower the OWL fishing tool to within 12" (30 cm) of the fish.
3. Take note of the rod weight on the gage.
4. Lower the fishing string slowly into the fish, by means of the hydraulic feed.

## IMPORTANT

Never push the fishing tool into the fish so far as to bottom out on the wireline rod adaptor. Doing so will eliminate the possibility of releasing the fishing tool from the fish.

## ***POSITION OF THE FISHING TOOL***



## ***ACTIVATING THE FISHING TOOL***

1. Start the water pump and close the release valve. Fill the fishing string with water and pump 150 psi water pressure onto the tool.
2. Mark your rods at the foot clamp level.
3. Pull back the rod string using the feed cylinder and read the rod weight gage. An increase in rod weight on the gage indicates that the tool is engaged within the fish.
4. Stop the pump, open the release valve and remove the water swivel. With the water pressure now stabilized, and the weight of the fish will keep the 3 locking keys engaged.
5. Remove the rods from the hole using a slow steady retrieval. It is possible to rotate to the right to help remove a stuck rod string, but there should be no downward movement of the drill string during this operation as this can release the fishing tool.

## RELEASING THE FISHING TOOL

In case of any problems that may be encountered, for example, if the rods are still stuck to the bottom of the bore hole, the fishing tool can be released, as follows:

1. Make sure there is no water pressure within the drill string.
2. Allow enough time for the water to completely drain out of the rod string and for water pressure to stabilize within the bore hole. Once drained, all internal pressure is removed from the plunger. To accelerate this process, you can add water between the rods and the casing.



3. Lower the rod string a few inches to retract the 3 locking wedges. Refer to your mark on the rods. Keys will retract and disengage the fishing tool from the rods.
4. Slowly remove the fishing tool from the lost rods, and then trip out at regular pace.

## MAINTENANCE

After each use, the OWL fishing tool should be disassembled, cleaned and inspected for damage or signs of wear, reassembled and lubricated.

Proper maintenance of the fishing tool will ensure good performance and extend the life of the tool.

For more information on technical specifications, see Appendix C.

For any questions or for additional guidance, do not hesitate to contact our technical support team at 1-800-768-7274.

## APPENDIX: A OWL FISHING TOOL PART NUMBERS

	Fishing B0/AW	Fishing N0/BW	Fishing H0/NW	Fishing P0/HW
Fishing Tool	9469707982	9469707988	9469707985	9469707991

## APPENDIX: B RELATED SUPPORTING PARTS AND ADAPTOR PART NUMBERS

	Fishing BO/AW	Fishing NO/BW	Fishing HO/NW	Fishing PO/HW
Coupling (to extension drill rod)	9469707470	9469707594	9469707850	9469711856
Extension (W drill rod)	9469705736 (5ft) 9469705738 (10ft)	9469707207 (5ft) 9469707208 (10ft)	9469707229 (5ft) 9469707230 (10ft)	9469711855 (5ft)
Adapter to O	9469707474 Adap AW r/pin to BO r/box	9469707600 Adap BW r/pin to NOL r/box	9469707839 Adap NW r/pin to HO r/box	Please contact us
Adapter to TW	9469707476 Adap AW r/pin to BTW r/box	9469707602 Adap BW r/pin to NTW r/box	9469707841 Adap NW r/pin to HTW r/box	Please contact us
Adapter to T	9469707480 Adap AW r/pin to BT r/box	9469707606 Adap BW r/pin to NT r/box	9469707846 Adap NW r/pin to HT r/box	Please contact us
Adapter to RO	3760014209 Sub AW r/pin to BRO r/pin	9469707887 Adap NRO r/box to BW r/pin	3760014299 Sub HRO r/box to NW r/pin	Please contact us
Piston	9469711873	9469707989	9469707986	9469707992

## OWL FISHING TOOL REPAIR KITS

OWL Fishing Tool Repair Kits	Part Number
Spare kit fishing tool B	9469707983
Spare kit fishing tool N	9469707990
Spare kit fishing tool H	9469707987
Spare kit fishing tool P	9469707993



## TECHNICAL SPECIFICATIONS

	OWL Fishing Tool BO/AW 9469707982		OWL Fishing Tool NO/BW 9469707988		OWL Fishing Tool HO/NW 9469707985		OWL Fishing Tool PO/HW 9469707991	
Weight	8 lb	3,6 kg	15 lb	6,8 kg	25 lb	11,3 kg	44 lb	20 kg
Lenght	15 in	38 cm	16 in	41 cm	17 in	43 cm	17 in	43 cm
Water pressure to activate	150 psi		150 psi		150 psi		150 psi	