



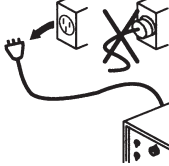
RT60, RT60M
Quick Disconnect Housing Repair
Field Service Bulletin

804870 – Revision 0 – August, 2004

Hypertherm®

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plasma cutting technology™*

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		<p>WARNING ELECTRIC SHOCK CAN KILL</p>
	<p>Disconnect electrical power before performing any maintenance. See <i>Section 1</i> of the Operator Manual for more safety precautions.</p>	

Introduction

Purpose

Describes necessary steps to repair the quick disconnect housing on either the RT60 or RT60M torches.

Tools and Materials Needed

#2 Phillips screw driver
1/4" drill bit (machine torch only)

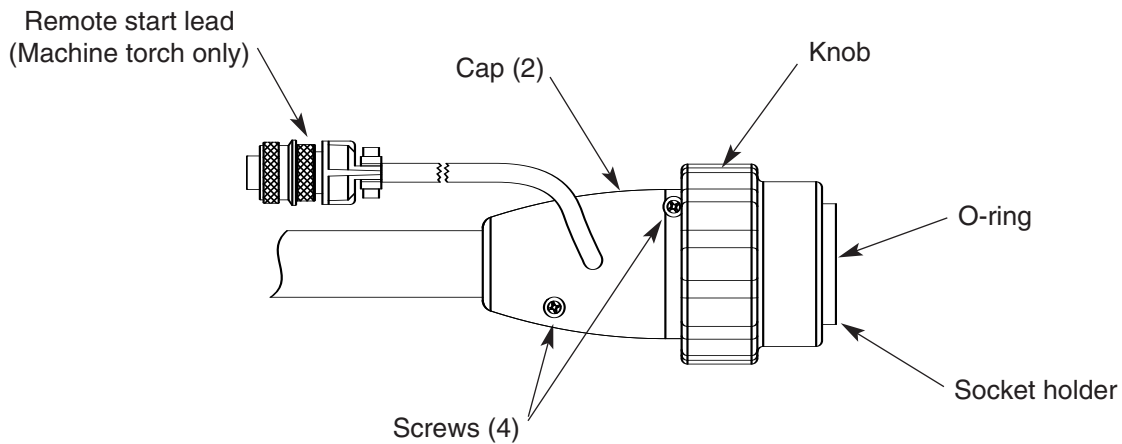
Kit Contents

Kit 128926

Item	Part Number	Description	Qty
1	004529	Knob	1
2	004550	Cap	2
3	004762	Socket holder	1
4	075339	Screws	4

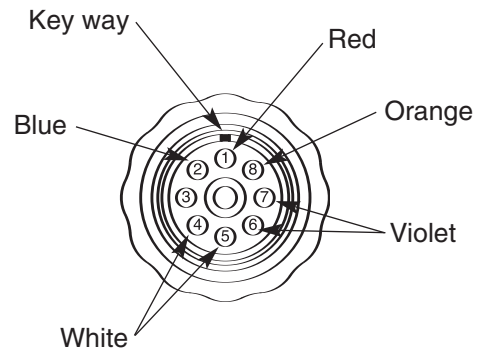
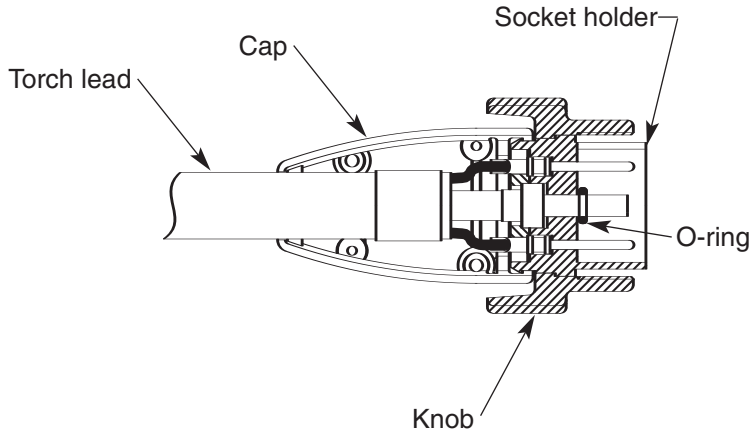
Disassemble Quick Disconnect

1. Disconnect power and remove torch lead from power supply.
See *Section 3* of the Owner Manual.
2. Remove screws (4) from housing.
3. Discard screws (4), cap (2), knob, and socket holder.
Note: Save o-ring for reuse.
4. Remove remote start lead (machine torch only) and save for reuse.



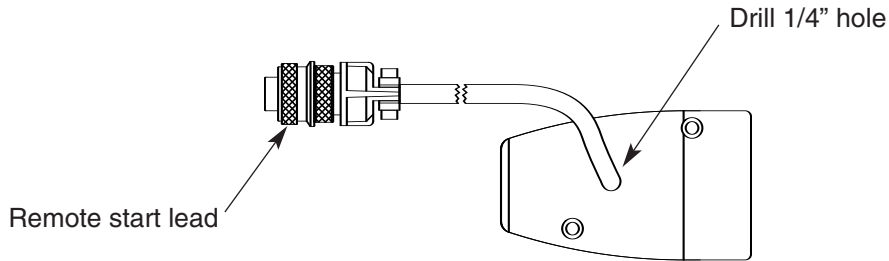
Reassemble Quick Disconnect – Hand Torch

1. Slide nut on to torch lead.
2. Align socket holder so that the pilot arc contact (red wire) is on top near the key way.
3. Install caps (2) and secure with screws (4).
Note: Verify that the wires will not be pinched in the cap.
4. Connect torch lead to power supply and connect power.
See Section 3 of the Owner Manual
5. Verify that the cap sensor works properly.
 1. Turn On the power supply without consumables installed.
 2. Torch Cap and Fault LEDs should illuminate.
 3. Turn Off the power supply.
 4. Install consumables.

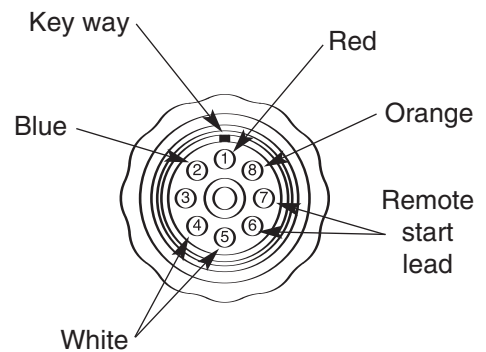
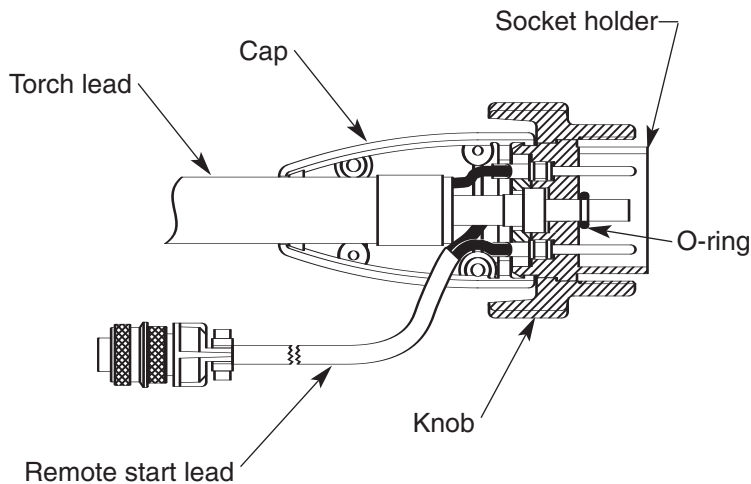


Reassemble Quick Disconnect – Machine Torch

1. Drill a 1/4" hole through the center of one cap as shown.
2. Route remote start lead through hole.



3. Slide nut on to torch lead.
4. Align socket holder so that the pilot arc contact (red wire) is on top near the key way.
5. Install upper caps (2) and secure with screws (4).
Note: Verify that the wires will not be pinched in the cap.
6. Connect torch lead to power supply and connect power.
See Section 3 of the Owner Manual
7. Verify that the cap sensor works properly.
 1. Turn On the power supply without consumables installed.
 2. Torch Cap and Fault LEDs should illuminate.
 3. Turn Off the power supply.
 4. Install consumables.



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