

Hypertherm[®]

HT4400/HD4070

Low Profile Filter Installation

Kit # 128713 & 128714



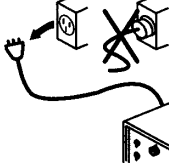
Field Service Bulletin
(P/N 804340)

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| | | |
|---|---|---|
|  |  | <p>WARNING ELECTRIC SHOCK CAN KILL</p> |
| <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>Disconnect electrical power before performing any maintenance. All work requiring removal of the power supply cover must be performed by a qualified technician. See <i>Section 1</i> of the Operator Manual for more safety precautions.</p> </div> </div> | | |

Introduction

Purpose

Describes necessary steps to install a filter to the cooling system that helps protect the pump and solenoid valves.

Kit # 128713 Contents (HT4400)

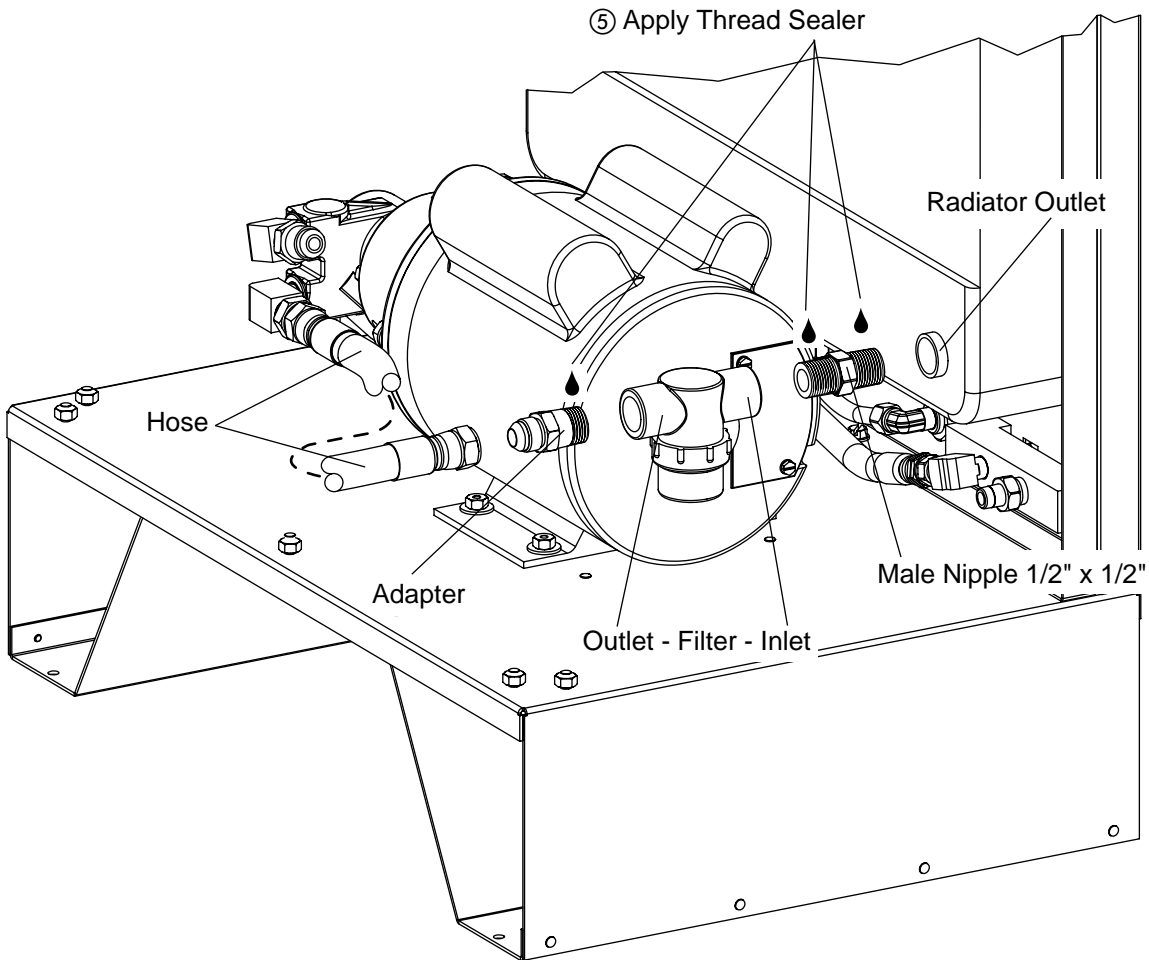
| Part Number | Description | Qty |
|-------------|--------------------------------------|-----|
| 015029 | 1/2" NPT x #8, male, brass adapter | 1 |
| 015627 | 1/2" x 1/2", brass nipple | 1 |
| 027926 | 1/2" NPT low profile filter assembly | 1 |

Kit # 128714 Contents (HD4070)

| Part Number | Description | Qty |
|-------------|--|-----|
| 015027 | 1/2" NPT x #8, male, 90 degree brass adapter | 1 |
| 015513 | 1/2" x 3", brass nipple | 1 |
| 024724 | Hose assembly: 1/2" blue #8 14" length | 1 |
| 027926 | 1/2" NPT low profile filter assembly | 1 |

HT4400 Installation Instructions

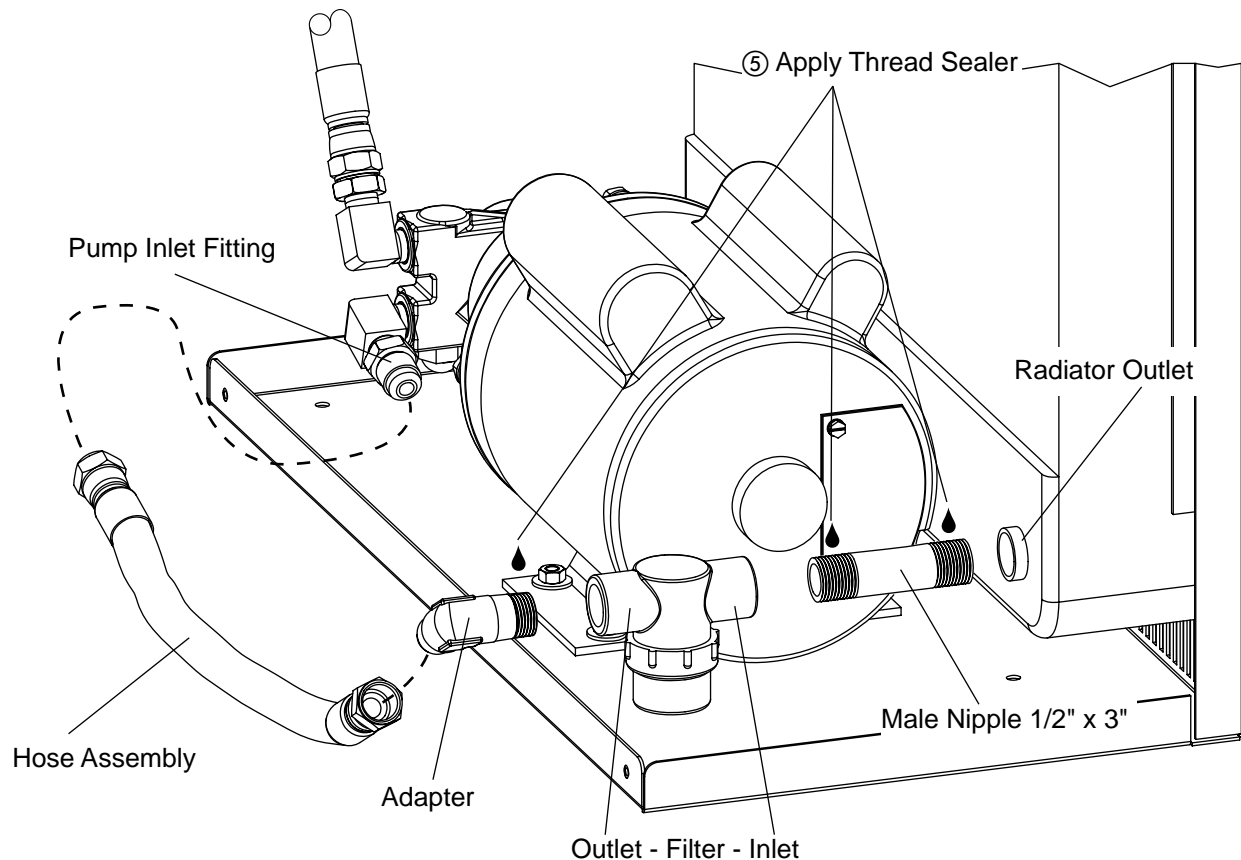
- ① - Turn all power to the system OFF.
- ② - Drain coolant. See instruction manual (803580) for detailed instruction.
- ③ - Disconnect hose at radiator outlet.
- ④ - Remove 1/2" male fitting from radiator outlet.



- ⑤ - Apply thread sealer (do not use tape) to one end of the 1/2" x 1/2" male nipple (P/N 015627) and thread into the radiator outlet.
- ⑥ - Apply thread sealer (do not use tape) to the other end of the nipple and screw filter assembly on until hand tight (filter bowl should be aligned as shown above).
- ⑦ - Apply thread sealer (do not use tape) to the filter outlet adapter (P/N 015029) and screw into filter outlet.
- ⑧ - Connect hose to the adapter.
- ⑨ - Refill system with coolant. See instruction manual for detailed instruction.

HD4070 Installation Instructions

- ① - Turn all power to the system OFF.
- ② - Drain coolant. See instruction manual (803580) for detailed instruction.
- ③ - Disconnect hose at radiator outlet.
- ④ - Remove 1/2" male fitting from radiator outlet.156



- ⑤ - Apply thread sealer (do not use tape) to one end of the 1/2" x 3" male nipple (P/N 015513) and thread into the radiator outlet.
- ⑥ - Apply thread sealer (do not use tape) to the other end of the nipple and screw filter assembly on until hand tight (filter bowl should be aligned as shown above).
- ⑦ - Apply thread sealer (do not use tape) to the 90° filter outlet adapter (P/N 015027) and screw into filter outlet.
- ⑧ - Connect hose assembly (P/N 024724) to the adapter and the pump inlet fitting.
- ⑨ - Refill system with coolant. See instruction manual for detailed instruction.