

# BRAVE

# M1158286A

Loop hose kit for  
HBHS300GX, HBHS310GX,  
HBHS600GXE, HBHS610GXE, and HBHS620GXE

# Owner's Manual

## Instructions for Assembly

### Loop Hose Kit: Accessory for Brave Hydraulic Power Packs

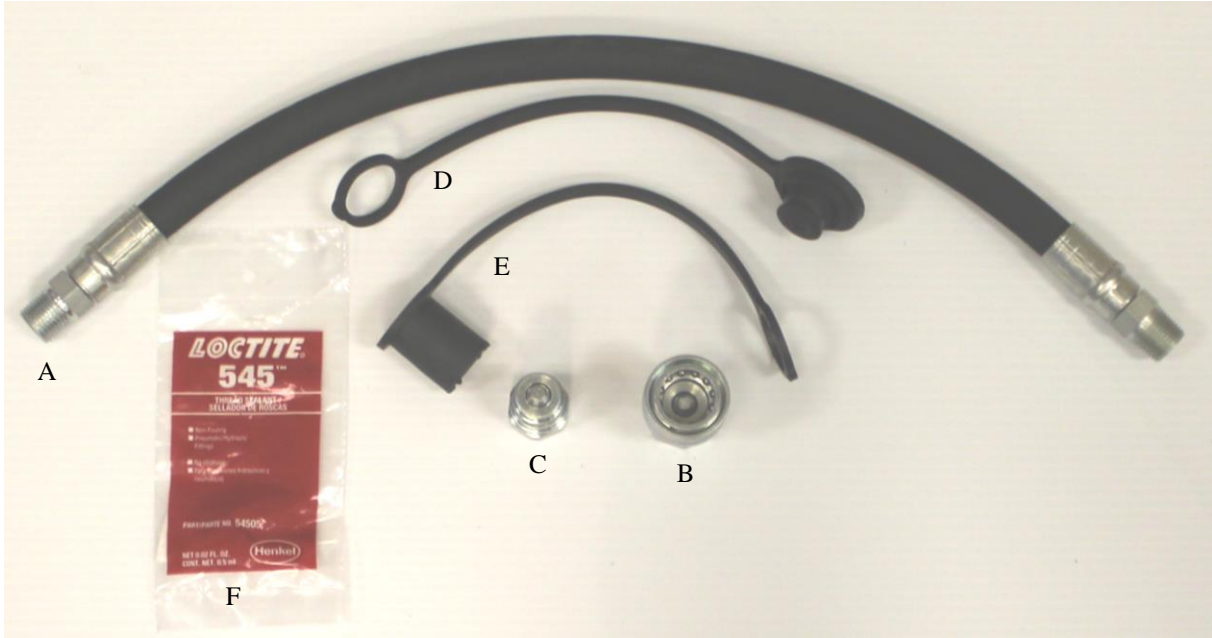
#### **About your Loop Hose Kit**

This loop hose assembly is ideal for connecting supply and return couplers in a “loop” which is necessary to start the hydraulic power unit when not coupled to any implement or application. If the loop hose kit isn't installed and the engine is attempted to be started the hydraulic system will be in a “dead head” state and damage could occur.

**Any Questions, Comments, Problems or Parts Orders**  
*Call Brave Product Support 1-800-350-8739*

# Installation Instructions

## Kit Contents



REF	ITEM #	DESCRIPTION	QTY
A	1158277	Hose	1
B	1085800	Female Quick Disconnect Fitting	1
C	1085801	Male Quick Disconnect Fitting	1
D	1081058	Dust Plug	1
E	1081070	Dust Cap	1
F	1159341	Thread Sealant	1

# Installation Instructions

## Step 1 – Engine off / relieve pressure

**Perform all installations with the engine off and hydraulic system pressure relieved.**

- Make sure engine is off and cool.
- Disconnect the spark plug.
- Relieve system pressure by moving Valve Control Lever back and forth several times (if applicable).

## Tools Needed

- None

## WARNING

ALWAYS shut off the engine, disconnect the spark plug, and relieve system pressure before inspecting, cleaning, adjusting, or repairing the unit. Relieve system pressure by moving Valve Control Lever back and forth several times (if applicable).

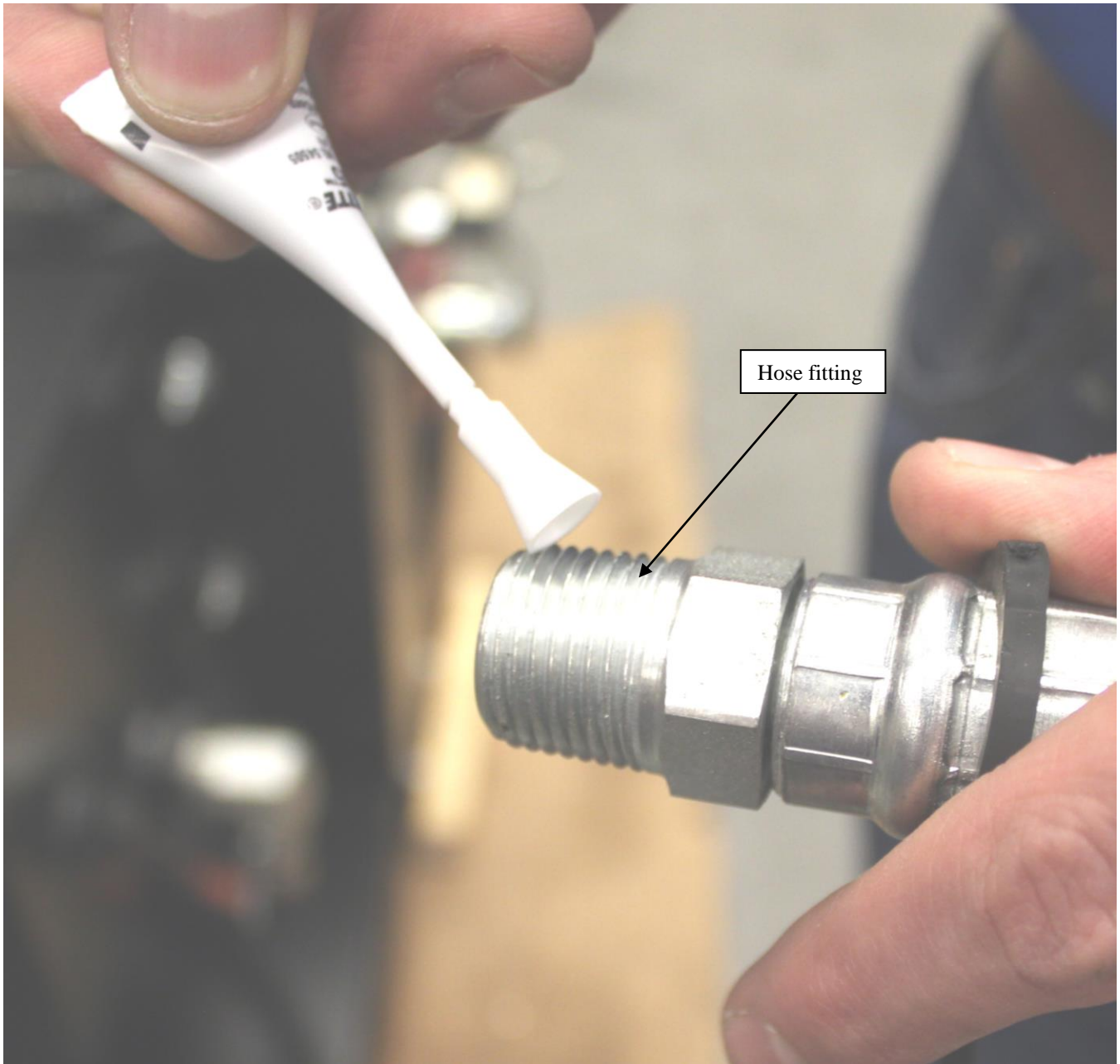
# Installation Instructions

## Step 2

- Apply thread sealant to hose fittings (both ends).

## Tools Needed

- None



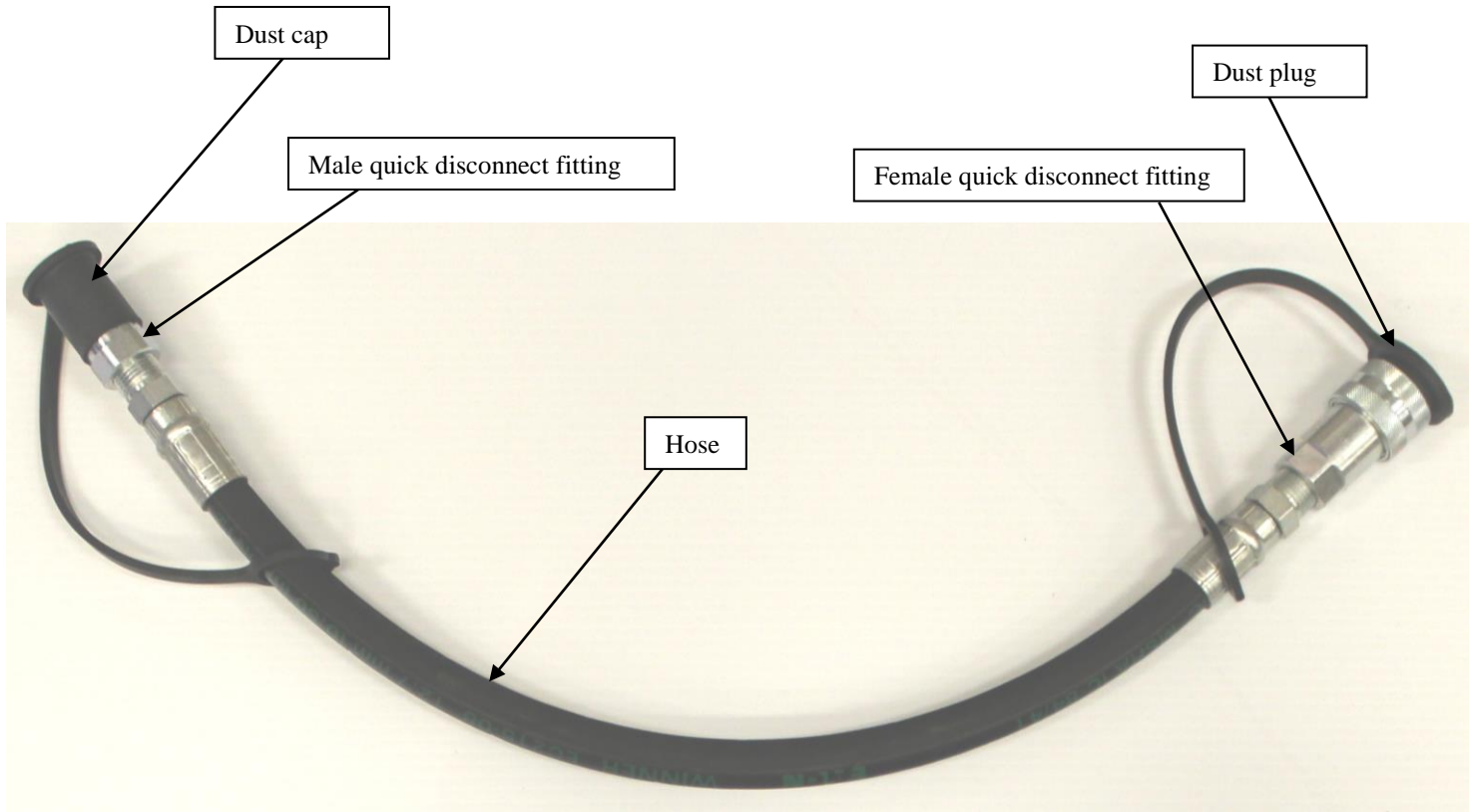
# Installation Instructions

## Step 3

- Place dust cap and dust plug loop over hose.
- **CAUTION:** Never back off an installed pipe fitting to achieve proper alignment. Loosening installed pipe fittings will corrupt the seal and contribute to leakage and failure.
- Screw hand-tight hose fittings with thread sealant applied into the quick disconnect fittings (male with cap and female with plug).
- Wrench-tighten the fitting to 1.5-3.0 Turns Past Finger Tight position. Properly assembled fittings total thread engagement should be 3.5-6 turns.

## Tools Needed

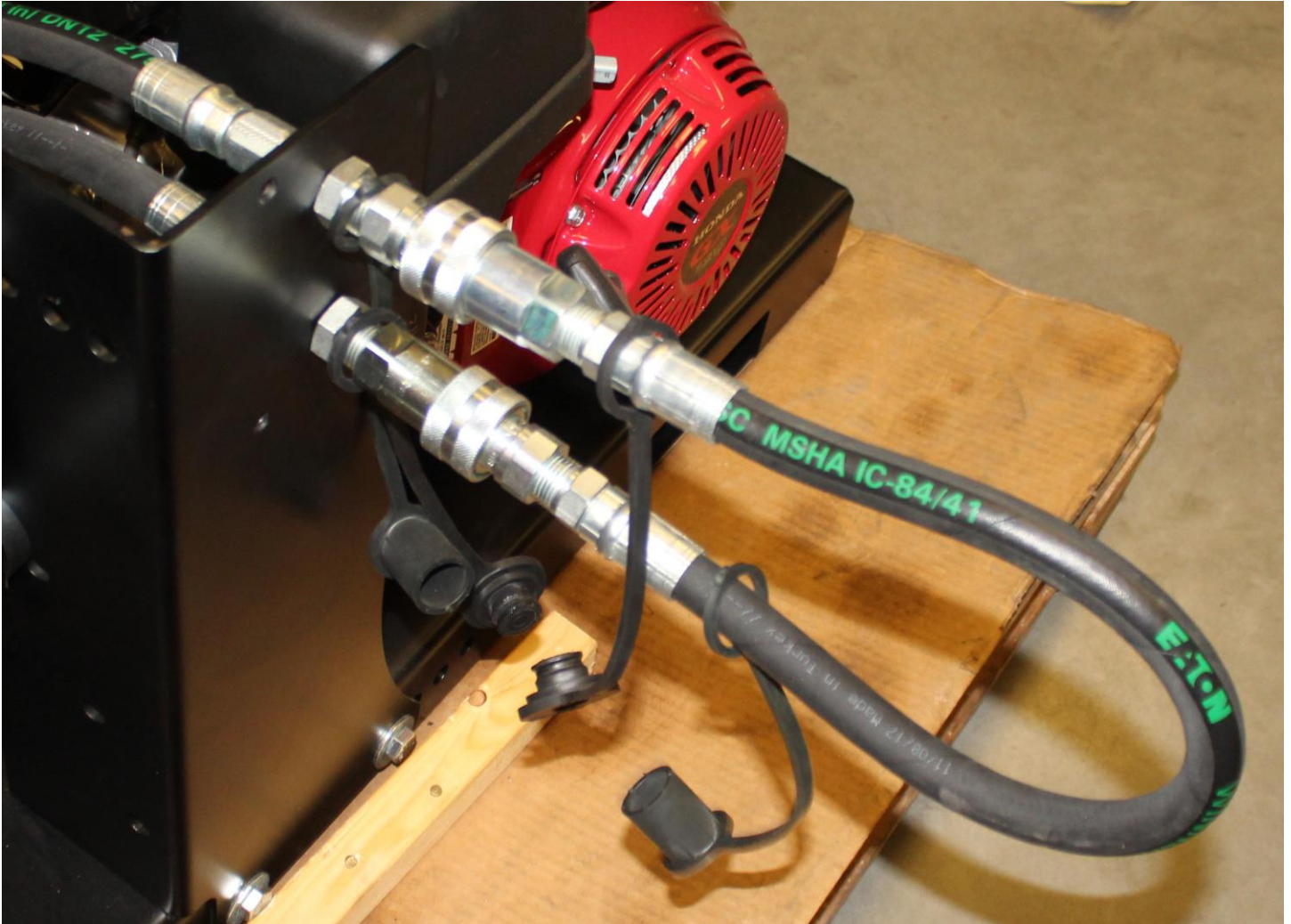
- Adjustable Wrenches



# Operation

## Warm up procedure

1. Attach hose to unit by connecting quick disconnect fittings as shown.
2. Follow start procedure from owner's manual.
3. Allow unit to warm up.
4. Shut off engine.
5. Disconnect hose.
6. Position dust cap and plug in quick disconnect fittings to prevent contamination.
7. Attach implement.



# Limited Warranty

Dear Valued Customer:

The Brave product you just purchased is built with the finest material and craftsmanship. Use this product properly and enjoy the benefits from its high performance. By purchasing a Brave product, you show a desire for quality and durability. Like all mechanical equipment this unit requires a due amount of care. Treat this unit like the high quality piece of machinery it is. Neglect and improper handling may impair its performance.

Thoroughly read the instructions and understand the operation before using your product. Always contact Brave Product Support at 1-800-350-8739 prior to having any service or warranty work performed, as some services performed by parties other than Brave approved service centers may void this warranty. This limited warranty is in lieu of any other warranty expressed or implied, written or oral and Brave assumes no other responsibility or liability outside that expressed within this limited warranty.

### Limited Warranty for Brave and Brave Pro Hydra Buddy Models:

1158284	1158285	1158286
1158287	1158288	1158289
1158290	1158292	1158293

	Consumer Warranty Period	Commercial Warranty Period
<b>Weldments</b>		
	2 years from date of purchase by user	2 year from date of purchase by user
<b>Valves and Pumps</b>		
	2 years from date of purchase by user	1 year from date of purchase by user
<b>Wear Parts</b>	In addition to the normal warranty, Brave shall warrant some normal wear items from defects in material or workmanship for a period of 30 days from the date of purchase by user. Normal wear items covered under this warranty are limited to: clamps, couplers, filters, mounts, hoses, hardware. Routine maintenance items such as lubricants, clutch adjustments, tune ups are not covered under warranty.	
<b>Engines</b>	The engine warranty is covered under the terms and conditions as outlined by the engine manufactures warranty contained herein and is the sole responsibility of the engine manufacturer. Normal engine maintenance such as spark plugs, oil changes, air filters, adjustments, fuel system cleaning and obstruction due to build up is not covered by this Brave limited warranty.	

“Consumer use” means personal residential household use by a consumer. “Commercial use” means all other uses, including, but not limited to, use for commercial, income producing or rental purposes or when purchased by a business.

This limited warranty applies to the original purchaser of the equipment (verification of purchase, in the form of a receipt, is the responsibility of the buyer), is non-transferable, and covers parts and labor. Parts will be replaced or repaired at no charge, except when the equipment has failed due to lack of proper maintenance. If a part is no longer available, the part may be replaced with a similar part of equal function. Any misuse, abuse, alteration or improper installation or operations will void warranty. Determining whether a part is to be replaced or repaired is the sole decision of Brave. Brave will not provide for replacement of complete products due to defective parts. Any costs incurred due to replacement or repair of items outside of a Brave approved facility is the responsibility of the buyer and not covered under warranty. Transportation costs to and from service center and/or service calls are the responsibility of the customer.

This limited warranty specifically excludes the following; failure of parts due to damage caused by accident, fire, flood, windstorm, acts of God, applications not approved by Brave in writing, corrosion caused by chemicals, use of replacement parts which do not conform to manufacturer’s specifications, damage related to rodent and/or insect infestation and damage caused by vandalism. Additional exclusions: loss of running time, inconvenience, loss of income, or loss of use, including any implied warranty of merchantability of fitness for a specific use. Also, outdoor power equipment needs periodic parts and service to perform well, and this limited warranty does not cover instances when normal use has exhausted the life of a component or the engine.

This limited warranty does not cover any personal injury or damage to surrounding property caused by failure of any part, misuse or inability to use the product. Alteration of the product, including safety features, shall void this limited warranty.

Repair or replacement of parts does not extend the warranty period. This limited warranty gives you specific legal rights. You may also have other rights that vary by state.

Please have model number, item number and serial number on hand prior to making a warranty claim or inquiry.

# **BRAVE**

## ***HYDRA BUDDY™***

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