

Log Splitter Flexible Couplers Application by Size and Part Number

Couplers with a 2 3/32 O.D.

<u>Engine Shaft</u>	<u>Key Size</u>	<u>Pump Shaft</u>	<u>Pump Shaft Key</u>	<u>Coupler Part Number</u>
1"	1/4"sq. x 2" 714-0114	1/2"	1/8" x 1/2" Halfmoon 714-0156	717-0462
1"	1/4"sq. x 2" 714-0114	9/16"	1/8" x 1/2" Halfmoon 714-0156	717-0374 N.L.A. (See note)
3/4"	3/16"sq. x 3/4" 714-0122	1/2"	1/8" x 1/2" Halfmoon 714-0156	717-0872 N.L.A. use 717-0891 (See note)
3/4"	3/16"sq. x 3/4" 714-0122	9/16"	1/8" x 1/2" Halfmoon 714-0156	717-0463

Spiders for the above is Lovejoy # L090 or # 735-0205

Note: Even though 717-0374 is not available, you can take a 717-0462 and a 717-0463 one part from each and make one up. What you have left over will be a 717-0872 use in place of a 717-0891 with a Lovejoy # 10626 spider or # 735-0652.

Couplers with a 1 3/4 O.D.

<u>Engine Shaft</u>	<u>Key Size</u>	<u>Pump Shaft</u>	<u>Pump Shaft Key</u>	<u>Coupler Part Number</u>
7/8"	3/16" sq. x 3/4" 714-0122	1/2"	1/8" x 1/2" Halfmoon 714-0156	718-0250A can use 718-0250
3/4"	3/16" sq. x 3/4" 714-0122	1/2"	1/8" x 1/2" Halfmoon 714-0156	717-0891*

Spiders for above are Lovejoy #10626 or # 735-0652 - *NLA*

* Used on Cub Models All couplers use a 1/4" NC sprocket head
"Cut Tip" allen set screws.

Log Splitter Test Kit is # 759-3742

During the '95-'96 production of Log Splitters, we periodically experienced that the plastic check valve in the filter head could become dislodged and a piece of plastic break off and enter into the pump causing the pump to fail. When this occurs a small piece of plastic is generally found between the gears, in the Barnes Pump, this occurrence does not damage the pump and only needs to be cleaned out. The piece can easily be removed and also, clean out any small additional particles. The pump can be restored to service using the same gaskets, if gaskets are damaged order new gasket kit from Barnes or their local supplier according to identification plate found on the pump. Pumps involved under the MTD part numbers are #717-0248, #717-0249 and #717-0936.

At this time a new filter head and filter element should be replaced. Filter heads in stock have been improved. There is no need to return or replace the pumps as they can satisfactorily be repaired.

Filter Head, #723-0406 FPC-Filtration Products Co.

Filter Element, #723-0405