

**KNAPHOIST® SUBFRAME HOISTS**

Model	Net Price	(Deduct) <sup>3</sup> Power Unit	Maximum Platform Length <sup>1</sup>	Hydraulic Power Supply Information		NTEA Class	Cylinder		Net Weight (lbs)	Pump Included						
				Description	Pump Model		Qty	Size								
KH-1412SF			12'	Williams 4 Piston	40-4C-7XQT	B	1	4"	527	Yes						
KH-1412SF-DC		N/A		Requires 3-4 G.P.M. @3500 PSI								576	No			
KH-1412SF-DE												577				
KH-1412SF-AC				Williams Direct Mount	GP906-M8CR							576	Yes			
KH-1412SF-AE				Williams Direct Mount	GP906-M8ECR							577	Yes			
KH-1412SF-E		3		Williams Elect 3	ED13AO8C8							586	Yes			
KH-1412SF-EE				Monarch Elect Gear	M-3551-0286							519	Yes			
KH-1512SF				Williams 4 Piston	40-4C-7XQT				C	1	5"	527	Yes			
KH-1512SF-DC		N/A		Requires 3-4 G.P.M. @3500 PSI											576	No
KH-1512SF-DE															577	
KH-1512SF-AC			Williams Direct Mount	GP906-M8CR				590				Yes				
KH-1512SF-AE			Williams Direct Mount	GP906-M8ECR				591				Yes				
KH-1512SF-E		2	Williams Elect 4	ED13AO8C8				600				Yes				
KH-1512SF-EE			Monarch Elect Gear	M-3551-0286				519				Yes				
KH-1615SF <sup>5</sup>			Williams 8 Piston	F98-4C-21QT	D	1	6"	607				Yes				
KH-1615SF-DC		N/A	Requires 4-6 G.P.M. @ 3500 PSI											571	No	
KH-1615SF-DE														560		
KH-1615SF-AC			Williams Direct Mount	GP906/W15-8C21							571	Yes				
KH-1615SF-AE			Williams Direct Mount	GP906/W15-8EC21							560	Yes				
KH-1615SF-EE			Monarch Elect Gear	M-3551-0286							564	Yes				

All hoists are designed to mount on trucks with 34" frame width and platforms with 34" long sill spacing.

- <sup>1</sup> Platform maximum length is to be used as a general guideline only. For specific applications, refer to Knaphoist Fact Finder for lift capacities.
- <sup>2</sup> The push-pull control cable for the ED13AO8C8 is shipped in the hoist mounting kit.
- <sup>3</sup> Power unit includes pump and reservoir.
- <sup>4</sup> For push button pendant control, add 12280871 and delete valve reservoir.
- <sup>5</sup> KH-1615SF hoist requires a minimum of 7" long sills.

**Supplemental kits for GM and Ford Super Duty**

Part Number	Net Price	Description	Lbs
24062788		Mounting Plates and hardware to bolt hoist hinge to 1999 & later Ford SD chassis.	3
SFEXT14		Extension for front of subframe - use on all 102 / 108 CA and Ford SD 84" CA chassis	6
SFEXT17		Extension for front of subframe - use on all 2007 and later Dodge 84" CA chassis	7
12306099		Fuel fill kit for front tank on 2003 and later GM C4500 / 5500 chassis	5

**Electric hoist models include:** 12 volt hydraulic pump with control cable or a switch pendent, fuse, hoses, double acting subframe hoist assembly, hinge assembly, body brace, and mounting hardware.

**Hoist models powered by a P.T.O. include:** Pump with drive shaft & two universal joints or direct drive pump, valve & reservoir assembly, control cable or a switch pendent, hoses (**AC & AE models, do not include pump to reservoir hoses**), double acting subframe hoist assembly, a hinge assembly, body brace, and mounting hardware.

Model Description:
Model - P.T.O. driveshaft pump with push-pull control cable
E Model - 12 volt pump with push-pull control cable
EE Model - 12 volt pump with pendent switch control
<b>NOTE: AC &amp; AE models require special factory installed automatic transmission with the PTO option. For Ford TorqShift transmission, delete standard pump 12262143 at time of order and order pump part number 12260337.</b>
DC & DE - Require separate PTO direct mount pump
AC - PTO Direct mount pump with push/pull control cable for Ford or GM / Allison auto transmission
AE - PTO Direct mount pump with dash switch control for Ford or GM / Allison auto transmission