

KNAPHOIST® SD SUBFRAME HOISTS ⁴

Model	Net Price	(Deduct) ³ Power Unit	Maximum Platform Length ¹	Hydraulic Power Supply Information		NTEA Class	Cylinder		Net Weight (lbs)	Pump Included			
				Description	Pump Model		Qty	Size					
KH-1416LSF			14'	Williams 4 Piston	40-4C-7XQT	C	1	4"	562	Yes			
KH-1416LSFDC		N/A		Requires 3-4 G.P.M. @ 3500 PSI								549	No
KH-1416LSFDE												550	
KH-1416LSFAC					Williams Direct Mount				GP906-M8CR				549
KH-1416LSFAE				Williams Direct Mount	GP906-M8ECR							550	Yes
KH-1416LSFE		2		Williams 3 Piston	ED13AO8C8							560	Yes
KH-1416LSFEE				Monarch Elect Gear	M-3551-0286				554	Yes			
KH-1516LSF					Williams 4 Piston	40-4C-7XQT				572	Yes		
KH-1516LSFDC		N/A		Requires 3-4 G.P.M. @ 3500 PSI					559	No			
KH-1516LSFDE									560				
KH-1516LSFAC					Williams Direct Mount	GP906-M8CR	D	1	4.5"	559	Yes		
KH-1516LSFAE				Williams Direct Mount	GP906-M8ECR						570	Yes	
KH-1516LSFE		2	Williams 3 Piston	ED13AO8C8							570	Yes	
KH-1516LSFEE			Monarch Elect Gear	M-3551-0286							564	Yes	
KH-1520LSF				Williams 4 Piston	F98-4C-21QT							768	Yes
KH-1520LSFDC		N/A	Requires 3-4 G.P.M. @ 3500 PSI								732	No	
KH-1520LSFDE								721					
KH-1520LSFAC				Williams Direct Mount	GP906/W15-8C21	E	1	5"	732	Yes			
KH-1520LSFAE			Williams Direct Mount	GP906/W15-8EC21						721	Yes		
KH-1520LSFE			Monarch Elect Gear	M-3551-0286						725	Yes		

¹ Platform maximum length is to be used as a general guideline only. For specific applications, refer to Knaphoist Fact Finder for lift capacities.

² The push-pull control cable for the ED13AO8C8 is shipped in the hoist mounting kit.

³ Power unit includes pump and reservoir.

⁴ Standard KH-1412SF, KH-1512SF and KH-1615SF hoists also mount on SD chassis.

All hoists are designed to mount on trucks with 34" frame width and platforms with 34" long sill spacing. Hoist assembly and subframe are shipped separately to allow flexibility in dump angle. The KH-1416/1516 series hoist (60, 84, 108 CA applications) mounts at 50° only on 60 CA and 45° or 50° only on 108 CA due to chassis interference. The KH-1520 series (108 & 120 CA applications) mounts only at 40° or 50° for both 108 & 120 CA. It will not mount at 45° due to chassis interference. Mounting kits include rear-mounting brackets for hinge.

Supplemental kit required for 1999 & later Ford Super Duty

Part Number	Net Price	Description	Lbs
SFEXT14		Sub frame front extension for 1416/1516 on 108 CA Ford SD, 2 required per chassis	6

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

Hoist models powered by a P.T.O. include: Pump with driveshaft & two universal joints or direct drive pump, valve & reservoir assembly, control cable or switch pendent, hoses (AC & AE models, do not include pump to reservoir hoses), double acting hoist assembly, subframe with integral 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
NOTE: AC & 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.
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