

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * JANA PARTNERS LLC (Last) (First) (Middle) 767 FIFTH AVENUE, 8TH FLOOR (Street) NEW YORK NY 10153 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol HD Supply Holdings, Inc. [HDS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 09/28/2017	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
				Code	V	(A)	(D)						Date Exercisable	Expiration Date	Amount or Number of Shares
Restricted Stock Units	(1)	09/28/2017		A		2,273		(2)	(2)	Common Stock	2,273	\$0	2,273	I	See footnote(2)

Explanation of Responses:

- Each unit represents a contingent right to receive one share of Issuer common stock.
- Grant of restricted stock units under the HD Supply, Inc. Omnibus Incentive Plan to Scott Ostfeld ("Mr. Ostfeld") as a director of the Issuer. The restricted stock units vest on the earliest of (1) the one year anniversary of the grant date, (2) the next annual stockholders meeting, or (3) a change in control, and will be settled upon vesting unless the reporting person elects to defer settlement to a later date. A pro rata portion of the award vests upon termination of service due to death, disability or age 75 retirement. Mr. Ostfeld is a Partner of JANA Partners LLC ("JANA") and has assigned all rights to any shares issuable pursuant to the grant to JANA. Pursuant to the assignment, settlement of the award on vesting will be made to JANA.

Remarks:

JANA may be deemed to be a director by deputization for purposes of Section 16 under the Securities Exchange Act of 1934 by virtue of the fact that Mr. Ostfeld currently serves on the board of directors of the Issuer.

/s/ JANA Partners LLC, by
Jennifer Fanjiang, General Counsel 09/29/2017

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.