### **HPARTS LIST**

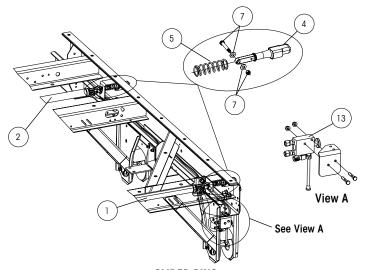
# QUIK-DRAW® PNEUMATIC PIN-PULL MECHANISM

**SUBJECT:** Van and Platform Applications

**LIT NO**: L751

**DATE**: July 2019 **REVISION**: G

## VAN APPLICATIONS (VANTRAAX®, ULTRAA-K® and HK™ SERIES) — SEE PAGE 3 FOR PLATFORM APPLICATIONS (INTRAAX®-SP)

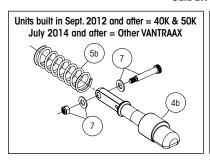


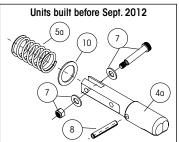
Mechanical Air Assist (with Brake Chamber)

Lever arm actuated version is no longer available on production models.

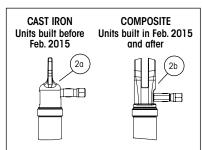
Contact Hendrickson for assistance.

#### SLIDER PINS





#### **QUIK-DRAW® ACTUATOR ENDS**



#### ITEM DESCRIPTION PART NO. QTY. NOTES

1	FRONT LINEAR ACTUATOR WITH FITTINGS			
	Cast Iron (Units built before Feb. 2015)			
	42-inch box	S-28061-1	1	Includes one T-fitting
	48- and 54-inch box	S-28061-2	1	Includes one T-fitting
	Composite (Units built in Feb. 2015 and after)			
	42-inch box	S-35294-1	1	Includes one T-fitting, clevis pin & hardware
	48- and 54-inch box	S-35294-2	1	Includes one T-fitting, clevis pin & hardware
2	2 REAR LINEAR ACTUATOR WITH FITTINGS			
	2a Cast Iron (Units built before Feb. 2015)			
	42-inch box	S-28062-1	1	Includes one straight air line fitting
	48- and 54-inch box	S-28062-2	1	Includes one straight air line fitting
	2b Composite (Units built in Feb. 2015 and aft	er)		
	42-inch box	S-35295-1	1	Includes one straight air line fitting, clevis pin & hardware
	48- and 54-inch box	S-35295-2	1	Includes one straight air line fitting, clevis pin & hardware

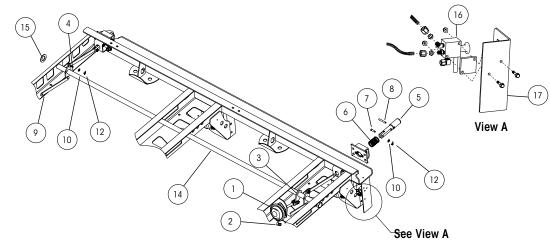


1.625" diameter pin S-28289 4 4" body rail hole spacing  4b Units built in Sept. 2012 and after − 40K and 50K / July 2014 − Other VANTRAAX®  1.375" diameter pin S-32389 4 4" (TTMA) and 6" body rail hole spacing  1.625" diameter pin S-32388 4 4" body rail hole spacing  5 LOCKING PIN SPRING  5a Units built before Sept. 2012  42-inch box B-22000 4 3.8" spring  48- and 54-inch box B-28930 4 3.25" spring  5b Units built in Sept. 2012 and after − 40K and 50K / July 2014 − Other VANTRAAX  42", 48" and 54" box with QUIK-DRAW® B-32500 4 4.5" spring  6 CLEVIS PIN (Not Shown)  6a Clevis pin (units built before Sept. 2012) SA-5200-6 4 3/8" × 1.380"  6b Clevis pin (units built in Sept. 2012 and after − 40K and 50K / July 2014 − Other VANTRAAX)  Cast iron end SA-5200-8 4 3/8" × 1.50"  Composite end SA-5200-10 4 3/8" × 1.813"	ITEM	DESCRIPTION	PART NO.	QTY.	NOTES				
4a Units built before Sept. 2012   1.375" diameter pin   S.28290   4   4" (TTMA) and 6" body rail hole spacing   1.625" diameter pin   S.28289   4   4" body rail hole spacing   4b Units built in Sept. 2012 and after – 40K and 50K / July 2014 – Other VANTRAXX**   1.375" diameter pin   S.32389   4   4" (TTMA) and 6" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   S.32388   4   4" body rail hole spacing   1.625" diameter pin   1.625" diameter	3	PIN EXTENSION FOR 54-INCH BOX (Not Shown)	S-32969	4					
1.375" diameter pin   S-28290   4   4" (TTMA) and 6" body rail hole spacing   1.625" diameter pin   S-28289   4   4" body rail hole spacing   1.375" diameter pin   S-32389   4   4" (TTMA) and 6" body rail hole spacing   1.375" diameter pin   S-32388   4   4" (TTMA) and 6" body rail hole spacing   1.625" diameter pin   S-32388   4   4" (TTMA) and 6" body rail hole spacing   1.625" diameter pin   S-32388   4   4" (TTMA) and 6" body rail hole spacing   1.625" diameter pin   S-32388   4   4" body rail hole spacing   1.625" diameter pin   S-32388   4   4" body rail hole spacing   1.625" diameter pin   S-32388   4   4" body rail hole spacing   1.625" diameter pin   S-32388   4   4" body rail hole spacing   1.625" diameter pin   S-32388   4   4" body rail hole spacing   1.625" diameter pin   S-32388   4   4" body rail hole spacing   1.625" diameter pin   S-32388   4   4" body rail hole spacing   1.625" diameter pin   S-32880   4   3.6" spring   1.625" diameter pin   1.625" diamete	4	LOCKING PIN							
1.625" diameter pin   S-28289   4   4" body rail hole spacing		4a Units built before Sept. 2012							
4b Units built in Sept. 2012 and after - 40K and 50K / July 2014 - Other VANTRAAX*		1.375" diameter pin	S-28290	4	4" (TTMA) and 6" body rail hole spacing				
1.375" diameter pin   S-32389   4 4" (TTMA) and 6" body rail hole spacing   1.625" diameter pin   S-32388   4 4" body rail hole spacing   1.625" diameter pin   S-32388   4 4" body rail hole spacing   S-32388   4 4" body rail hole spacing   S-32388   5 4 4" body rail hole spacing   S-32388   5 4 4" body rail hole spacing   S-32388   5 4 4" body rail hole spacing   S-32388   S-32388		1.625" diameter pin	S-28289	4	4" body rail hole spacing				
1.625" diameter pin   S-32388   4		4b Units built in Sept. 2012 and after – 40K and 50K / July 2014 – Other VANTRAAX®							
Sample   Spring		1.375" diameter pin	S-32389	4	4" (TTMA) and 6" body rail hole spacing				
So Units built before Sept. 2012		1.625" diameter pin	S-32388	4	4" body rail hole spacing				
42-inch box   B-22000   4   3.8" spring   48- and 54-inch box   B-28930   4   3.25" spring   5b Units built in Sept. 2012 and after – 40K and 50K / July 2014 – Other VANTRAAX   42", 48" and 54" box with QUIK-DRAW®   B-32500   4   4.5" spring   6   CLEVIS PIN (Not Shown)	5	LOCKING PIN SPRING							
A8- and 54-inch box   B-28930   4   3.25" spring		5a Units built before Sept. 2012							
Sb Units built in Sept. 2012 and after - 40K and 50K / July 2014 - Other VANTRAAX   42", 48" and 54" box with QUIK-DRAW®		42-inch box	B-22000	4	3.8" spring				
42", 48" and 54" box with QUIK-DRAW®   B-32500   4   4.5" spring		48- and 54-inch box	B-28930	4	3.25" spring				
6         CLEVIS PIN (Not Shown)           6a Clevis pin (units built before Sept. 2012)         SA-5200-6         4         3/8" x 1.380"           6b Clevis pin (units built in Sept. 2012 and after - 40K and 50K / July 2014 - Other VANTRAAX)           Cast iron end         SA-5200-8         4         3/8" x 1.50"           Composite end         SA-5200-10         4         3/8" x 1.813"           7         SLIDER PIN BOLT KIT         S-39880-1         1         Includes 4 - 1.75" shoulder bolts, 4 - 1" shoulder bolts, 4 - 1" shoulder bolts, 8 washers and 4 nuts           8         SPRING PIN (units built before Sept. 2012)         SA-8100-4         4         3/8" x 2.5" roll pin           9         LOCKING PIN WASHER (Nor Shown)         SA-1500-2         6         3/8" I.D. flat washer           10         PIN WASHER         S-30641         1           LOCKING COTTER PIN (Not Shown)         A-29557         6         3/32" x 1" cotter pin           12         LOCKING PIN LINK (Not Shown)         S-32967-1         2           42-inch box         S-32967-3         2         2           54-inch box         S-32967-3         2         3           10         PIN LINK (Not Shown)         VS-25223         1         Valve with integral knob           10         PIN L		5b Units built in Sept. 2012 and after – 40K and 50K / July 2014 – Other VANTRAAX							
6a Clevis pin (units built before Sept. 2012) SA-5200-6 4 3/8" x 1.380"  6b Clevis pin (units built in Sept. 2012 and after - 40K and 50K / July 2014 - Other VANTRAAX)  Cast iron end SA-5200-8 4 3/8" x 1.50"  Composite end SA-5200-10 4 3/8" x 1.813"  7 SLIDER PIN BOLT KIT S-39880-1 1 Includes 4 - 1.75" shoulder bolts, 4 - 1" shoulder bolts, 8 washers and 4 nuts  8 SPRING PIN (units built before Sept. 2012) SA-8100-4 4 3/8" x 2.5" roll pin  9 LOCKING PIN WASHER (Not Shown) SA-1500-2 6 3/8" I.D. flat washer  10 PIN WASHER S-30641 1  LOCKING COTTER PIN (Not Shown) A-29557 6 3/32" x 1" cotter pin  11 LOCKING PIN LINK (Not Shown)  42-inch box S-32967-1 2 48-inch box S-32967-2 2 54-inch box S-32967-3 2  13 QUIK-DRAW VALVE  Three-way auto reset valve assembly VS-25223 1 Valve with integral knob Three-way auto reset valve assembly VS-25224 1 Valve with integral knob and fittings  14 QUIK-DRAW RETROFIT KIT (Not Shown)  42-inch box D-25430-2 1 48-inch box D-25430-8 1		42", 48" and 54" box with QUIK-DRAW $^{\circ}$	B-32500	4	4.5" spring				
6b Clevis pin (units built in Sept. 2012 and after - 40K and 50K / July 2014 - Other VANTRAAX)           Cast iron end         \$A-5200-8         4         3/8" × 1.50"           Composite end         \$A-5200-10         4         3/8" × 1.813"           7         \$LIDER PIN BOLT KIT         \$-39880-1         1         Includes 4 - 1.75" shoulder bolts, 4 - 1" shoulder bolts, 8 washers and 4 nuts" shoulder bolts, 8 washers and 4 nuts"           8         \$PRING PIN (units built before \$ept. 2012)         \$A-8100-4         4         3/8" × 2.5" roll pin           9         LOCKING PIN WASHER (Not Shown)         \$A-1500-2         6         3/8" I.D. flat washer           10         PIN WASHER         \$-30641         1           11         LOCKING COTTER PIN (Not Shown)         A-29557         6         3/32" × 1" cotter pin           12         LOCKING PIN LINK (Not Shown)         42-inch box         \$-32967-1         2           48-inch box         \$-32967-2         2         2           54-inch box         \$-32967-3         2           13         QUIK-DRAW VALVE         VS-25223         1         Valve with integral knob           14         QUIK-DRAW RETROFIT KIT (Not Shown)         Includes all retrofit components and installation instructions           42-inch box         D-25430-2<	6	CLEVIS PIN (Not Shown)							
Cast iron end   SA-5200-8   4   3/8" x 1.50"		6a Clevis pin (units built before Sept. 2012)	SA-5200-6	4	3/8" × 1.380"				
Composite end   SA-5200-10   4   3/8" x 1.813"		6b Clevis pin (units built in Sept. 2012 and after -	40K and 50K / July 20	014 - Oth	er VANTRAAX)				
7         SLIDER PIN BOLT KIT         S-39880-1         1         Includes 4 - 1.75" shoulder bolts, 4 - 1" shoulder bolts, 8 washers and 4 nuts"           8         SPRING PIN (units built before Sept. 2012)         SA-8100-4         4         3/8" x 2.5" roll pin           9         LOCKING PIN WASHER (Not Shown)         SA-1500-2         6         3/8" I.D. flat washer           10         PIN WASHER         S-30641         1           11         LOCKING COTTER PIN (Not Shown)         A-29557         6         3/32" x 1" cotter pin           12         LOCKING PIN LINK (Not Shown)         S-32967-1         2         2           48-inch box         S-32967-2         2         2           54-inch box         S-32967-3         2         2           13         QUIK-DRAW VALVE         VS-25223         1         Valve with integral knob           Three-way auto reset valve assembly         VS-25224         1         Valve with integral knob and fittings           14         QUIK-DRAW RETROFIT KIT (Not Shown)         D-25430-2         1         Includes all retrofit components and installation instructions           42-inch box         D-25430-8         1         1		Cast iron end	SA-5200-8	4	3/8" × 1.50"				
Shoulder bolts, 8 washers and 4 nuts		Composite end	SA-5200-10	4	3/8" × 1.813"				
9         LOCKING PIN WASHER (Not Shown)         SA-1500-2         6         3/8" I.D. flat washer           10         PIN WASHER         S-30641         1           11         LOCKING COTTER PIN (Not Shown)         A-29557         6         3/32" x 1" cotter pin           12         LOCKING PIN LINK (Not Shown)         S-32967-1         2           48-inch box         S-32967-2         2           54-inch box         S-32967-3         2           13         QUIK-DRAW VALVE           Three-way auto reset valve         VS-25223         1         Valve with integral knob           Three-way auto reset valve assembly         VS-25224         1         Valve with integral knob and fittings           14         QUIK-DRAW RETROFIT KIT (Not Shown)         D-25430-2         1         Includes all retrofit components and installation instructions           42-inch box         D-25430-2         1         48-inch box         D-25430-8         1	7	SLIDER PIN BOLT KIT	S-39880-1	1	Includes 4 - 1.75" shoulder bolts, 4 - 1" shoulder bolts, 8 washers and 4 nuts				
10   PIN WASHER   S-30641   1	8	SPRING PIN (units built before Sept. 2012)	SA-8100-4	4	3/8" × 2.5" roll pin				
11       LOCKING COTTER PIN (Not Shown)       A-29557       6       3/32" x 1" cotter pin         12       LOCKING PIN LINK (Not Shown)       S-32967-1       2         42-inch box       S-32967-2       2         54-inch box       S-32967-3       2         13       QUIK-DRAW VALVE       VS-25223       1       Valve with integral knob         Three-way auto reset valve       VS-25223       1       Valve with integral knob and fittings         14       QUIK-DRAW RETROFIT KIT (Not Shown)       Includes all retrofit components and installation instructions         42-inch box       D-25430-2       1         48-inch box       D-25430-8       1	9	LOCKING PIN WASHER (Not Shown)	SA-1500-2	6	3/8" I.D. flat washer				
12 LOCKING PIN LINK (Not Shown)  42-inch box S-32967-1 2  48-inch box S-32967-2 2  54-inch box S-32967-3 2  13 QUIK-DRAW VALVE  Three-way auto reset valve VS-25223 1 Valve with integral knob  Three-way auto reset valve assembly VS-25224 1 Valve with integral knob and fittings  14 QUIK-DRAW RETROFIT KIT (Not Shown)  42-inch box D-25430-2 1  48-inch box D-25430-8 1	10	PIN WASHER	S-30641	1					
42-inch box S-32967-1 2 48-inch box S-32967-2 2 54-inch box S-32967-3 2  13 QUIK-DRAW VALVE  Three-way auto reset valve VS-25223 1 Valve with integral knob Three-way auto reset valve assembly VS-25224 1 Valve with integral knob and fittings  14 QUIK-DRAW RETROFIT KIT (Not Shown)  42-inch box D-25430-2 1 48-inch box D-25430-8 1	11	LOCKING COTTER PIN (Not Shown)	A-29557	6	3/32" × 1" cotter pin				
48-inch box S-32967-2 2 54-inch box S-32967-3 2  13 QUIK-DRAW VALVE  Three-way auto reset valve VS-25223 1 Valve with integral knob Three-way auto reset valve assembly VS-25224 1 Valve with integral knob and fittings  14 QUIK-DRAW RETROFIT KIT (Not Shown)  42-inch box D-25430-2 1 48-inch box D-25430-8 1	12	LOCKING PIN LINK (Not Shown)							
54-inch box  S-32967-3  QUIK-DRAW VALVE  Three-way auto reset valve VS-25223  Three-way auto reset valve assembly VS-25224  Valve with integral knob and fittings  VS-25224  Ualve with integral knob and fittings  Includes all retrofit components and installation instructions  42-inch box  D-25430-2  D-25430-8  D-25430-8		42-inch box	S-32967-1	2					
Three-way auto reset valve VS-25223 1 Valve with integral knob Three-way auto reset valve assembly VS-25224 1 Valve with integral knob and fittings  14 QUIK-DRAW RETROFIT KIT (Not Shown) Includes all retrofit components and installation instructions  42-inch box D-25430-2 1  48-inch box D-25430-8 1		48-inch box	S-32967-2	2					
Three-way auto reset valve VS-25223 1 Valve with integral knob  Three-way auto reset valve assembly VS-25224 1 Valve with integral knob and fittings  14 QUIK-DRAW RETROFIT KIT (Not Shown) Includes all retrofit components and installation instructions  42-inch box D-25430-2 1  48-inch box D-25430-8 1		54-inch box	S-32967-3	2					
Three-way auto reset valve assembly  VS-25224  1 Valve with integral knob and fittings  Includes all retrofit components and installation instructions  42-inch box  D-25430-2  48-inch box  D-25430-8  1	13	QUIK-DRAW VALVE							
14     QUIK-DRAW RETROFIT KIT (Not Shown)     Includes all retrofit components and installation instructions       42-inch box     D-25430-2     1       48-inch box     D-25430-8     1		Three-way auto reset valve	VS-25223	1	Valve with integral knob				
installation instructions           42-inch box         D-25430-2         1           48-inch box         D-25430-8         1		Three-way auto reset valve assembly	VS-25224	1	Valve with integral knob and fittings				
48-inch box D-25430-8 1	14	QUIK-DRAW RETROFIT KIT (Not Shown)							
		42-inch box	D-25430-2	1					
54-inch box D-25430-4 1		48-inch box	D-25430-8	1					
		54-inch box	D-25430-4	1					

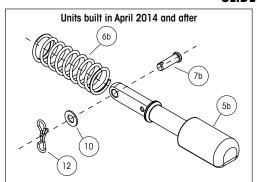
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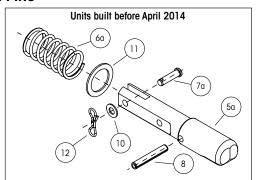


### PLATFORM APPLICATIONS (INTRAAX\*-SP) — SEE PAGE 1 FOR VAN APPLICATIONS



#### **SLIDER PINS**





ITEM	DESCRIPTION	Part no.	QTY.1	NOTES	
1	BRAKE CHAMBER ACTUATOR	A-23039	1	Type 12 modified	
2	90° ELBOW FITTING	SA-4300-19	1		
3	BRAKE CHAMBER ACTUATOR CRANK ARM	S-26964	1		
4	CRANK ARM WELDMENT				
	Manual and customer supplied	B-26934	2	For front and rear of slider box	
	Mechanical air assist	B-26934	1	For rear of slider box	
5	LOCKING PIN				
	5a Units built before April 2014				
	1.375" diameter pin	S-28290	4	4" and 6" body rail hole spacing	
	1.625" diameter pin	S-28289	4	4" body rail hole spacing	
	5b Units built in April 2014 and after				
	1.375" diameter pin	S-32389	4	4" and 6" body rail hole spacing	
	1.625" diameter pin	S-32388	4	4" body rail hole spacing	
6	LOCKING PIN SPRING				
	6a Units built before April 2014				
	42-inch box	B-22000	4	3.25" spring	
	48- and 54-inch box	B-28930	4	3.8" spring	
	6b Units built in April 2014 and after				
	42", 48" and 54" box with QUIK-DRAW®	B-32500	4	4.5" spring	
7	CLEVIS PIN				
	7a Units built before April 2014	SA-5200-6	4	<sup>3</sup> / <sub>8</sub> " × 1- <sup>3</sup> / <sub>8</sub> "	
	7b Units built in April 2014 and after	SA-5200-3	4	$^{3}/_{8}" \times 1^{-1}/_{5}"$	
8	SPRING PIN	SA-8100-4	4	$^{3}/_{8}" \times 2^{-1}/_{2}"$ roll pin	

<sup>1.</sup> Quantities may vary depending on model configuration.



ITEM	DESCRIPTION	PART NO.	QTY.1	NOTES
9	LOCKING PIN LINK	S-26961-1	4	
	37-inch box	S-26961-2	4	
	38-inch box	S-26961-3	4	
	43-inch box	S-26961-4	4	
	44-inch box	SA-1500-2	4	
10	LOCKING PIN WASHER	S-30641	6	<sup>3</sup> / <sub>8</sub> " I.D. flat washer
11	PIN WASHER	A-29557	1	
12	LOCKING COTTER PIN		6	<sup>3</sup> / <sub>32</sub> " × 1" cotter pin
13	OUTER PIN CAGE ASSEMBLY			Includes roadside and curbside pin cage and (8) bolts
	Without shims	S-28658-3	4	Customer uses inner web reinforcements (includes mounting bolt)
	With shims	S-28658-4	4	Customer uses outer web reinforcements (includes mounting bolt)
14	PIPE WELDMENT			Contact Hendrickson for assistance
15	RING STOP	A-21347		
16	QUIK-DRAW® VALVE			
	Three-way auto reset valve	VS-25223	1	Valve with integral knob
	Three-way auto reset valve assembly	VS-25224	1	Valve with integral knob and fittings
17	QUIK-DRAW VALVE MOUNTING BRACKET	C-27025		

<sup>1.</sup> Quantities may vary depending on model configuration.

NOTES			

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.

All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.

Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

Call Hendrickson at 330.489.0045 or 866.RIDEAIR (743.3247) for additional information.



www.hendrickson-intl.com

TRAILER COMMERCIAL VEHICLE SYSTEMS

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Brampton, ON Canada L6S 6B6 800.668.5360 905.789.1030 • Fax 905.789.1033 Hendrickson Mexicana

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