

H IDENTIFICATION GUIDE

TRAILER SUSPENSION AND AXLE SYSTEMS

LIT NO: L977

DATE: February 2024

REVISION: L

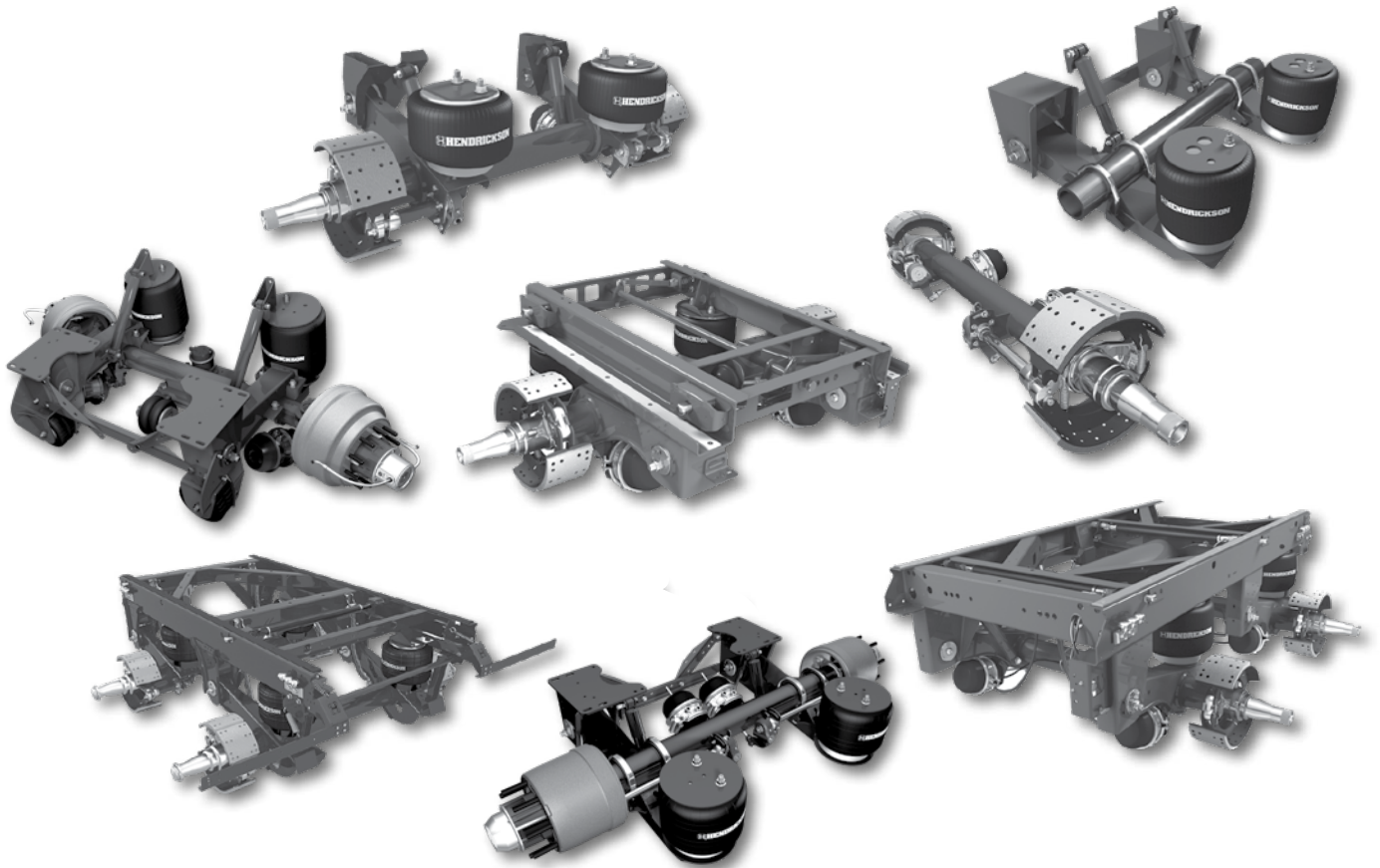
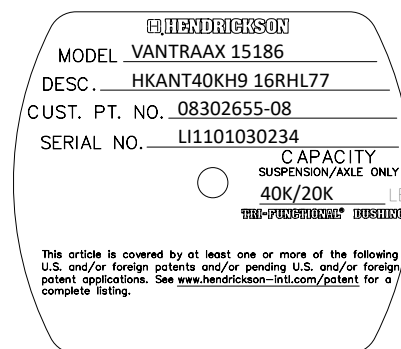


TABLE OF CONTENTS

HOW TO IDENTIFY A MODEL	2
WHERE TO FIND ID TAG ON HENDRICKSON AIR SUSPENSIONS	2
WHERE TO FIND ID TAG ON HENDRICKSON NON-INTEGRATED TRAILER AXLES	3
GENERAL GUIDELINES FOR INTERPRETING SUSPENSION DESCRIPTIONS	4
GENERAL GUIDELINES FOR INTERPRETING NON-INTEGRATED AXLE DESCRIPTIONS	14
SUSPENSION IDENTIFICATION GUIDE	16
Instructions	16
Slider Suspensions — Van / Reefer Applications (HS Series, HK™ Series, VANTRAAX® and ULTRAA-K®)	16
Slider Suspensions — Platform Applications (INTRAAX® SP)	19
Primary Suspensions — Vocational Applications (HT™ Series)	20
Primary Suspensions — Vocational Applications (INTRAAX)	25
Self-Steerable Suspensions — Vocational Applications (CONNEX® ST)	28
Primary Suspensions — Vocational Applications (CONNEX)	29

HOW TO IDENTIFY A MODEL

- STEP 1.** Find the identification tag on the suspension or trailer axle model by referencing the following chart for tag location.
- STEP 2.** If no tag is found, contact the trailer manufacturer with the necessary information (i.e., trailer serial number) to determine what suspension model is on the trailer.
- STEP 3.** If no suspension model can be obtained by completing steps 1 and 2, refer to the following pages to help determine what suspension model is on the trailer. See instructions on page 4.

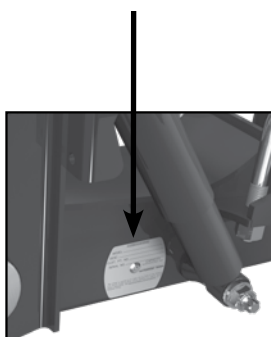


Identification Tag
(VANTRAAX® Tag Shown Above)

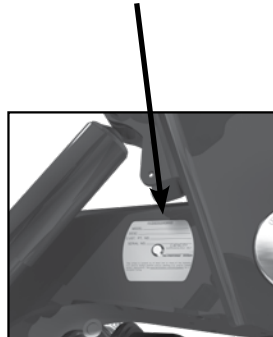
WHERE TO FIND ID TAG ON HENDRICKSON AIR SUSPENSIONS

SUSPENSION MODEL	TAG LOCATION
T Primary Suspension	Front of roadside frame bracket or inside of curbside beam
HT™ Series Primary Suspension	Inside of curbside beam
INTRAAX® Primary Suspension System	Inside of roadside beam
CONNEX® ST Trailer Self-Steerable Suspension	Inside of curbside beam
CONNEX Primary Suspension System	Inside of roadside beam
HS Slider with HT Suspensions	Front cross member on HS box
INTRAAX SP Slider Suspension System	On roadside front frame bracket gusset
HK™ Slider Suspension	On roadside slider box side rail above front frame bracket
VANTRAAX® Slider Suspension System	On roadside slider box side rail above front frame bracket
ULTRAA-K® Air Slider Suspension System	On roadside front frame bracket

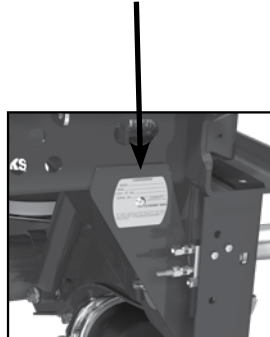
CONNEX ST / HT
Inboard side of curbside beam



INTRAAX / CONNEX
Inboard side of roadside trailing arm



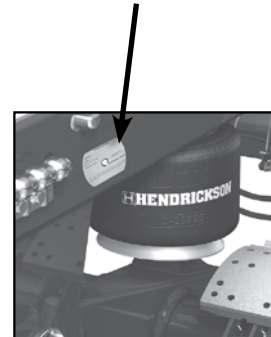
INTRAAX SP
On roadside front frame bracket gusset



ULTRAA-K
Roadside on front of frame bracket



VANTRAAX / HKBOX
Roadside front of side rail on slider box





WHERE TO FIND ID TAG ON HENDRICKSON NON-INTEGRATED TRAILER AXLES

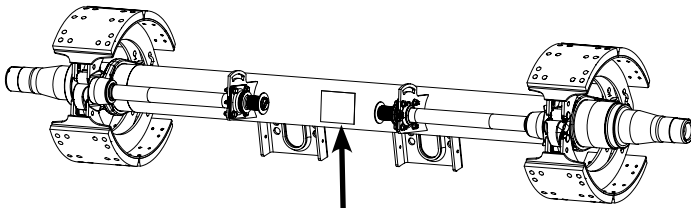
The model number, customer part number (if applicable), description and serial number are imprinted on an ID tag attached to the axle (as shown below).

Before November 2010, trailer axle product ID tags were made of mylar and located near the center of the axle beam. After November 2010, trailer axle products have a stainless steel ID tag located on the inside edge of the brake chamber bracket.

The part number is used to identify the axle specifications. This number should be referred to when contacting Hendrickson to determine the appropriate service parts. The serial number is used to identify a particular axle along with all of the component parts as specified by the customer at the time of order. The axle description serves as a generic description of the axle assembly and can be used to determine some axle configuration parameters.

MYLAR

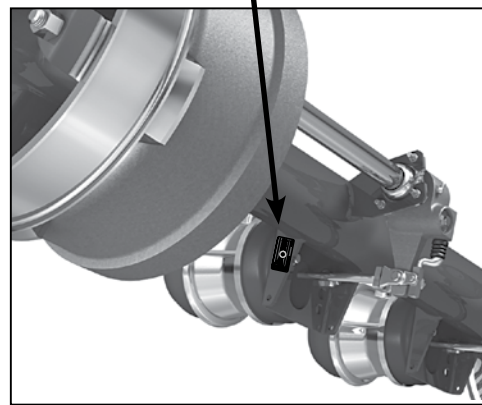
Straight Axle



ID Tag —
Located Near Center of Axle

STAINLESS STEEL

Steel ID Tag —
Located on Brake Chamber or near
Center of Axle



Stainless Steel ID Tag for Trailer Axles

MODEL	TRLAXLE 2947
CUS P/N	DETERMINED BY CUSTOMER
<small>MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING PATENTS: U.S. PATENT NOS.: 6024417, 8725743, 6926122, 7273082, 7506940, 7537224, 7558621, 7585031, 7731300 MEXICAN PATENTE NOS.: 223713, 243519, 248384, 251415, 259900</small>	
<small>AUSTRALIAN PATENT NOS.: 739422, 2002320074, 2003243858, 2004220148, 2006287900, 2006302001 NEW ZEALAND PATENT NOS.: 510161, 527792, 532511, 538263 AND OTHER ISSUED FOREIGN PATENTS AND PENDING U.S. AND FOREIGN PATENTS.</small>	
DESC	HN-S505-0774-WF1607-BHM-----
S/N	SK131010XXXX
	HTA™ AXLE

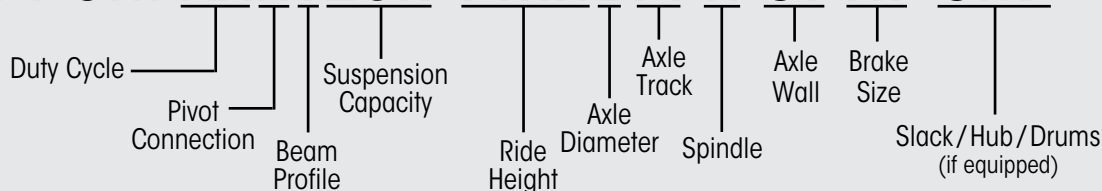


GENERAL GUIDELINES FOR INTERPRETING SUSPENSION DESCRIPTIONS

INTRAAAX®

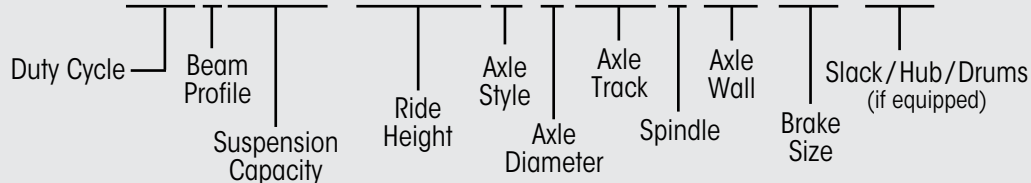
Model: INTRAAX.85901

DESCRIPTION: AANT23K 14RHL77N ST X7 SHD



Model: INTRAAX.82164

DESCRIPTION: AAT23K 14RHC L755PST X7 SH



INTRAAAX DESCRIPTION MATRIX

Duty Cycle

- AA - Standard
- AAED - Extreme Duty

Pivot Connection

- N - Narrow
- (Blank) - Wide

Beam Profile

- T - Top-Mount
- L - Low-Ride
- LS - Low-Ride Short

Suspension Capacity

- 20K - 20,000 lbs.
- 23K - 23,000 lbs.
- 25K - 25,000 lbs.
- 30K - 30,000 lbs.

Axle Style

- C - Cambered
- RC - Raised Center
- (Blank) - Standard

Axle Diameter

- S - 5.00"
- L - LDA™ (5.75")
- F - Five Inch AAT / AAL Axle

Axle Track

- 70 - 70.5"
- 71 - 71.5"
- 73 - 73.0"
- 75 - 75.0"
- 755 - 75.5"
- 76 - 76.5"
- 77 - 77.5"

Spindle

- 795 - 79.5"
- 83 - 83.5"
- 85 - 85.0"

Spindle

- N - HN
- P - HP
- CDHP - CD HP
- US - HUS

Axle Wall

- ST - Standard
- HD - Heavy Duty

Brake Size

- X5 - 15" x 8⁵/₈"
- 7 - 16.5" x 7"
- X7 - 16.5" x 7" HXS®
- X8 - 16.5" x 8⁵/₈" HXS
- 415MM - 415 mm MAXX22T™ ADB
- 430MM - 430 mm ADB

Slack Adjuster

- S - Any Brand Selection
- (Blank) - None

Hub Brand

- H - Any Brand Selection
- (Blank) - None

Drum Brand

- D - Any Brand Selection
- (Blank) - None



INTRAAAX® SP

Model: INTRAAXSP.3187

DESCRIPTION: AAZNT 46K 14RH L49 38PST X7SHD

Box Type — Pivot Connection — Beam Profile — Suspension Capacity — Ride Height — Axle Diameter — Axle Center — I-Beam Center — Spindle — Axle Wall — Brake Size — Slack/Hub/Drums (if equipped)

Model: INTRAAXSP.2503

DESCRIPTION: AAZNT 69K23 14RH L60 43NST X7

Box Type — Pivot Connection — Beam Profile — Suspension Capacity — Ride Height — Axle Diameter — Axle Center — I-Beam Center — Spindle — Brake Size

INTRAAAX SP DESCRIPTION MATRIX

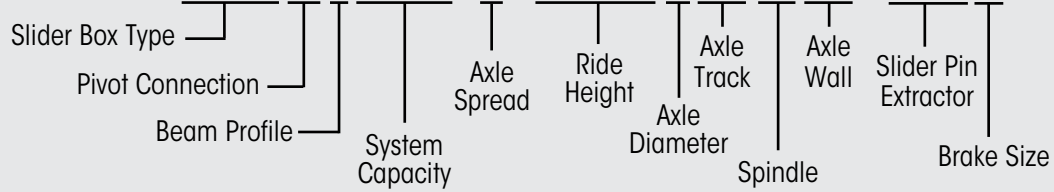
Box Type AAZ - Platform Slider Box	Axle Diameter (Blank) - 5.00" L - LDA™ (5.75")	Brake Size 7 - 16.5" × 7" X7 - 16.5" × 7" HXS® X8 - 16.5" × 8 ⁵ / ₈ " HXS
Pivot Connection N - Narrow (Blank) - Wide	I-Beam Centers 37 - 37.0" 38 - 38.0" 43 - 43.0" 44 - 44.0"	Slack Adjuster S - Any Brand Selection (Blank) - None
Beam Profile T - Top-Mount L - Low-Ride	Spindle N - HN P - HP WP - CD HP US - HUS	Hub Brand H - Any Brand Selection (Blank) - None
Suspension Capacity 23K - 23,000 lbs. 46K - 46,000 lbs. 69K23 - 69,000/23,000 lbs.	Axle Wall ST - Standard HD - Heavy Duty	Drum Brand D - Any Brand Selection (Blank) - None
Axle Centers (Blank) - N/A (Single Axle) 49 - 49.0" 60 - 60.0" 72 - 72.0"		



VANTRAA[®]

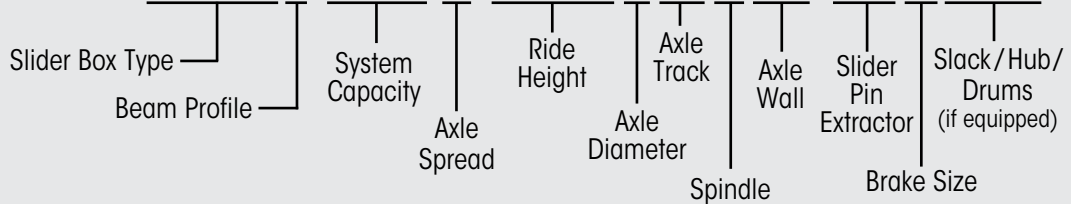
Model: VANTRAA.12059

DESCRIPTION: HKANT40K 9 16RHL77NST MA7



Model: VANTRAA.27506

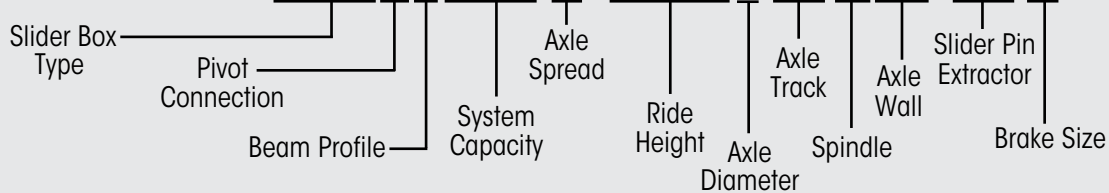
DESCRIPTION: HKARL 46K 9 12RHL77PST QD7SHD



ULTRAA-K[®]

Model: ULTRAAK.1010

DESCRIPTION: UTKNT40K 9 16RHL 77PST QD7





VANTRAA[®] / ULTRAA-K[®] DESCRIPTION MATRIX

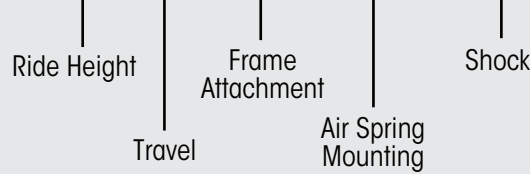
Box Type	Axle Centers	Slider Pin Extractor
HKA - 8" K-2 [®]	(Blank) - N/A (Single Axle)	MA - Manual
HKAR - 14" Ramp-Ready	9 - 49.0"	QD - QUIK-DRAW [®] or QUIK-DRAW No Valve
HRR - 8" K-2 for Railroad	0 - 60.0"	FX - None (Pins only for fixed applications)
UTK - ULTRAA-K Box	2 - 72.0"	
	1 - 121.0"	
Pivot Connection	Axle Diameter	Brake Size
N - Narrow	S - 5.00"	7 - 16.5" x 7"
(Blank) - Wide	L - LDA [™] (5.75")	X7 - 16.5" x 7" HXS [®]
		X8 - 16.5" x 8 ⁵ / ₈ " HXS
Beam Profile	Slider Box Width	415MM - 415 mm Hendrickson
T - Top-Mount	71 - 42.0"	MAXX22T [™] ADB
L - Low-Ride	77 - 48.0"	430MM - 430 mm ADB
U - Chamber Up [™]	83 - 54.0"	
		Slack Adjuster
System Capacity	Spindle	S - Any Brand Selection
23K - 23,000 lbs.	N - HN	(Blank) - None
40K - 40,000 lbs.	P - HP	
46K - 46,000 lbs.	WP - CD HP	Hub Brand
50K - 50,000 lbs.	US - HUS	H - Any Brand Selection
69K23 - 69,000 / 23,000 lbs.		(Blank) - None
69K25 - 69,000 / 25,000 lbs.		
	Axle Wall	Drum Brand
Box Duty	ST - Standard	D - Any Brand Selection
ST or (Blank) - Standard	HD - Heavy-Duty	(Blank) - None
HD or H - Heavy-Duty		



HT™ SERIES HT250US / HT250YS / HT250UB

Model: HT250**

DESCRIPTION: 65 ST WO AS1 SH1



** US, YS or UB

HT SERIES HT250US / HT250YS / HT250UB DESCRIPTION MATRIX

Ride Height

- 35 - 3.5"
- 40 - 4.0"
- 55 - 5.5"
- 65 - 6.5"
- 75 - 7.5"
- 90 - 9.0"
- 12 - 12.0"
- 14 - 14.0"

Frame Attachment

- BO- - Bolt-on (1-2-inch)
- BO5- - Bolt-on (5/8-inch)
- FC- - Frame Clearance
- HDG- - Hot Dip Galvanize Kit (HDG)
- SFK- - Slider Frame Bracket Kit (SFK)
- T1- - 6 Degrees Rotated
- T2- - 12.9 Degrees Rotated
- WO- - Weld-on

Shock

- SH1 - Standard
- SH2 - Extended Service / High Damping

Travel

- ST - Standard
- LJ - Limited Jounce
- ER - Extended Rebound

Air Spring Mounting

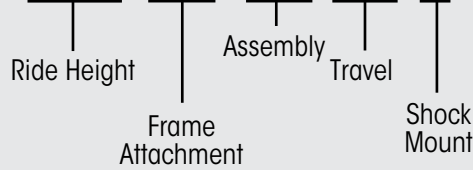
- ANS - Air Spring Plate, No Spacer, Std.
- AS1 - Standard Air Spring
- AS2 - Rotated Air Spring
- AS3 - High PSI Air Spring Standard
- AS4 - High PSI Air Spring Rotated
- AS5 - High PSI Air Spring Short Bellows
- NMR - No Mounting Plate, Rotated
- NMS - No Mounting Plate, Standard



HT™ SERIES HT300US/HT300YB

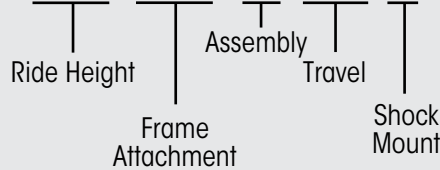
Model: HT300US.1

DESCRIPTION: 55 BO SA ST S



Model: HT300YB.6

DESCRIPTION: 90 WO N ST S



HT SERIES HT300US/HT300YB DESCRIPTION MATRIX

Frame Attachment

- BO - Bolt-on
- WO - Weld-on

Assembly

- SA - Assembled
- U1 - Unassembled
- S1 - Separate Frame Kit

Ride Height

- 55 - 5.5"
- 65 - 6.5"
- 75 - 7.5"
- 90 - 9.0"
- 12 - 12.0"
- 14 - 14.0"
- 17 - 17.0"

Travel

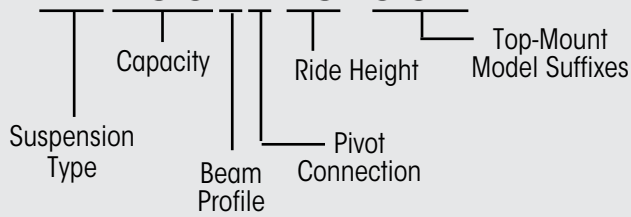
- ST - Standard
- LJ - Limited Jounce
- ER - Extended Rebound

Shock Mount

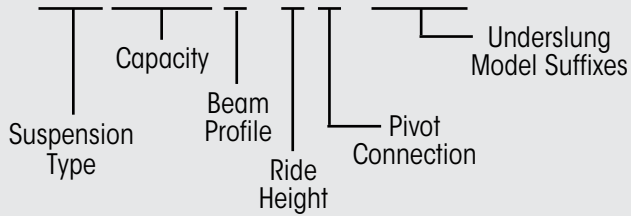
- R - Remote
- S - Standard Mount

HT™ SERIES

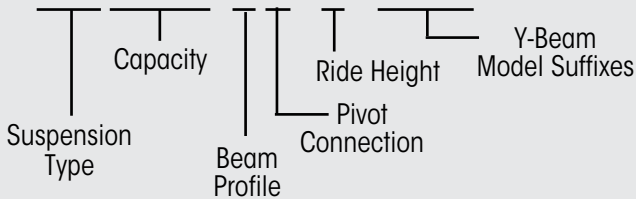
MODEL: HT250TB15-001



MODEL: HT250U-9Y-001



MODEL: HT250 YS-9-001





HT™ SERIES DESCRIPTION MATRIX

Suspension Type

HT - HT™ Suspension

Capacity

190 - 19,000 lbs.

230 - 23,000 lbs.

250 - 25,000 lbs.

300 - 30,000 lbs.

Beam Profile

T - Top-Mount

U - Underslung

Y - Y-Beam

Frame Bracket Pivot & Expanded

Beam Description

A - QUIK-ALIGN® Winged

B - QUIK-ALIGN Wingless;

TB - Top-Mount QUIK-ALIGN Wingless

YB - QUIK-ALIGN; Old Y-Beam Design

C - QUIK-ALIGN Wingless Bolt-on

S - QUIK-ALIGN; Standard/New Y-Beam Design

(Blank) - Weld Align

Y - Welded Alignment Y-Beam

Underslung Model Suffixes

-001 - Standard Primary Suspension (HT190U and HT250U only) or Weld-on (HT300U only)

-002 - Limited Travel

-003 - Sliders — Separate SFK

-004 - Sliders — Pre-assembled

-005 - Drop Deck Applications

-006 - Enhanced Operation (Lower PSI)

-007 - Bolt-on Hangers

-008 - Primary (001) unitized with Threaded Bolt

-020 or Greater — Custom Designs

Suspension Type Top-Model Suffixes

-001 - Weld-on (Steel) or Sliders — Separate SFK (HT190T only)

-002 - Bolt-on (Aluminum) or Sliders — Pre-assembled (HT190T only)

-003 - Liffable Weld-on (HT230 ride heights 15" & 17" and HT300 only) or Sliders — Separate SFK (HT230 ride heights 14" & 16" and HT250T only)

-004 - Liffable Bolt-on (HT230 ride heights 15" & 17" and HT300 only) or Sliders — Pre-assembled (HT230 ride heights 14" & 16")

-005 - Standard Primary Suspension (HT190 only) or Primary with Threaded Bolt (HT230 ride heights 14", 15" & 16" and HT300 only) or Liffable with Threaded Bolt (HT230 ride height 17" only)

-006 - Primary with Threaded Bolt (HT250T and HT230 ride height 17" only) or Liffable with Threaded Bolt (HT230 ride heights 14", 15" & 16" and HT300 only)

-007 - Remote Shock Primary Weld-on

-008 - Bolt-on Application — No Mounting Plate

-009 - Liffable Weld-on (HT230 ride heights 14" & 16" only) or Sliders — Pre-assembled (HT230 ride heights 15" & 17" only)

-010 - Liffable Bolt-on (HT230 ride heights 14" & 16" only) or Sliders — Separate SFK (HT230 ride heights 15" & 17" only)

-011 - Remote Shock Primary Bolt-on

-012 - Remote Shock Liffable Weld-on

-013 - Sliders — Separate SFK — 4.0" Jounce

-014, -015, -016, -017 & -020 & Greater — Custom Designs

TC - Model Suffixes

-060 - Standard Travel — 1/2" Mounting Bolts

-061 - Standard Travel — 5/8" Mounting Bolts

-062 - Liffable — 1/2" Mounting Bolts

-063 - Liffable — 5/8" Mounting Bolts

-064 - Standard Travel — Remote Shock — 1/2" Mounting Bolts

-065 - Standard Travel — Remote Shock — 5/8" Mounting Bolts

-066 - Liffable — Remote Shock — 1/2" Mounting Bolts

-067 - Liffable — Remote Shock — 5/8" Mounting Bolts

YS-Beam Model Suffixes

-001 - High-Pressure Air Spring (C-20124) with 16.5" brakes or larger

-006 - Standard Air Spring (C-20127) with 16.5" brakes or larger

-010 - Standard Rotated Air Spring with 16.5" brakes or larger

-101 - High-Pressure Air Spring (C-20124) with 12.25" brakes

-106 - Standard Air Spring (C-20127) with 12.25" brakes

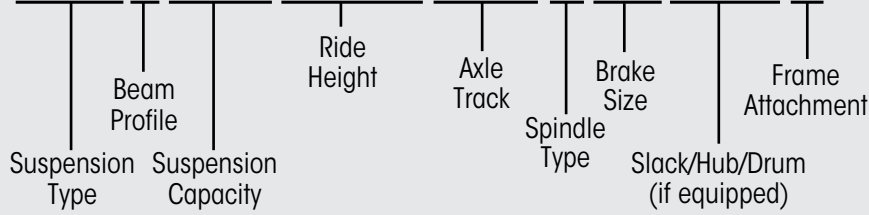
-110 - Standard Rotated Air Spring with 12.25" brakes



CONNEX® ST

Model Number: CONNEXST.4

DESCRIPTION: CXS L 25K 14RH 860 P X7 SHD B



CONNEX ST DESCRIPTION MATRIX

Suspension Type

CXS - Self-Steer Suspension System

Beam Profile

L - Liffable

Suspension Capacity

25K - 25,000 lbs.

Ride Height

13RH - 13.0"

14RH - 14.0"

15RH - 15.0"

16RH - 16.0"

17RH - 17.0"

18RH - 18.0"

19RH - 19.0"

Axle Track

775 - 77.5"

800 - 80.0"

835 - 83.5"

840 - 84.0"

850 - 85.0"

860 - 86.0"

Spindle

P - HP

Brake Size

X7 - 16.5" x 7.0" HXS®

Slack Adjuster

S - Any Brand Selection

Hub Brand

H - Any Brand Selection

Drum Brand

D - Any Brand Selection

- (Dash) - No Drums

Frame Attachment

W - Weld-on

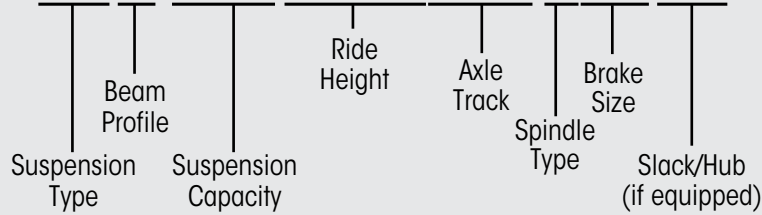
B - Bolt-on



CONNEX®

Model Number: CONNEX.21

DESCRIPTION: **CX U 23K 65RH 775 PX1 SH**



CONNEX DESCRIPTION MATRIX

Suspension Type

CX - Unitized Suspension System

Beam Profile

U - Underslung

Y - Y-Beam

L - Liffable

T - Top-Mount

Suspension Capacity

23K - 23,000 lbs.

25K - 25,000 lbs.

Ride Height

55RH - 5.5"

65RH - 6.5"

75RH - 7.5"

90RH - 9.0"

15RH - 15.0"

17RH - 17.0"

Axle Track

715 - 71.5"

775 - 77.5"

Spindle

N - HN®

P - HP

Brake Size

X1 - 12.25" x 7.5" HXS®

X7 - 16.5" x 7.0" HXS

X8 - 16.5" x 8.63" HXS

Slack Adjuster

S - Any Brand Selection

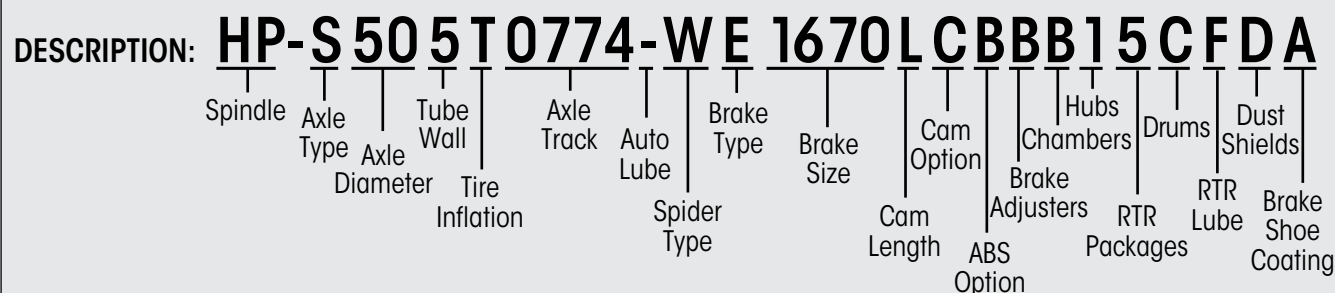
Hub Brand

H - Any Brand Selection

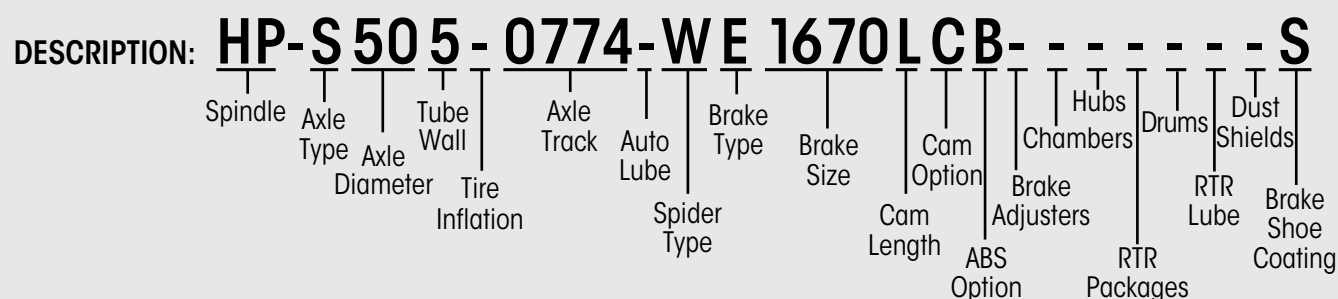


GENERAL GUIDELINES FOR INTERPRETING NON-INTEGRATED AXLE DESCRIPTIONS
TRLAXLE®

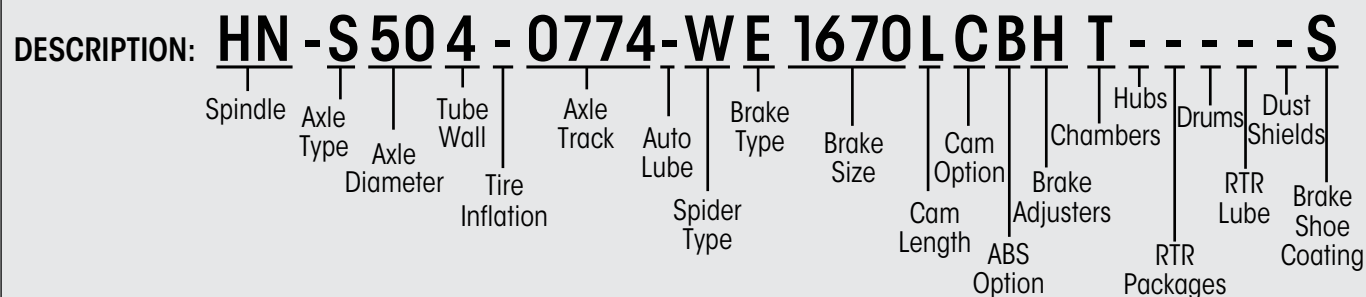
Model Number: TRLAXLE.11885



Model Number: TRLAXLE.14669



Model Number: TRLAXLE.14670





TRLAXLE® DESCRIPTION MATRIX

Spindle

HN® - Tapered Spindle
 HP - Parallel Spindle (Pro-Par Type)
 HPX - Parallel Spindle Cross-drill

Axle Type

S - Straight
 C - Cambered

Axle Diameter

50 - 5" Round
 56 - 5-¾" Round

Tube Wall

4 - ½" Nominal
 5 - ⅝" Nominal
 H - ⅝" (Heavy Duty)
 6 - ¾"

Tire Inflation

T - TIREMAAX®
 P - MTIS / PSI Prepped
 V - Axle Vent Only
 3 - 3-Hole Prep Only
 - (Dash) - None

Axle Track

- Track Length (inches) 1st 3 Digits
 # - Track Length (⅛") 4th Digit

Auto Lube

L - Lube System - Fittings Installed
 - (Dash) - None

Spider Type

B - Bolt-on Spider
 W - Weld-on Spider
 T - Torque Plate for Air Disc Brake
 N - None

Brake Type

B - B-Lock
 F - Std. Service - Dual Anchor Pin (DAP) - BSFB brand
 P - Pin Style - BSFB brand
 X - HXS® / XLII - Dual Anchor Pin (DAP) - BSFB brand
 D or (Blank) - Air Disc Brake
 - (Dash) - No Brake Shoes
 H - Hendrickson Std. Service - Dual Anchor Pin (DAP)
 N - Hendrickson Pin Style
 E - Hendrickson HXS (DAP)
 C - Cams Only, No Brake Shoes

Brake Size

1274 - 12¼" × 7½" brakes
 1585 - 15" × 8⅝" brakes
 1670 - 16½" × 7" brakes
 1685 - 16½" × 8⅝" brakes
 415 - 415mm MAXX22T™ ADB
 430 - 430mm ADB
 ---- (4 Dashes) - No Brakes

Cam Length

S - Standard. Short Length (17⅝")
 M - Standard. Medium Length (20⅝")
 L - Standard. Long Length (23¾")
 X - Special Length (Non-Standard.)
 - (Dash) - No S-Cams

Cam Option

C - Cam Tube
 B - Reduced-Maintenance Bushing
 - (Dash) - No Special Cam Options

ABS Option

B - ABS Mounting Bracket Only
 S - ABS Sensor Installed
 - (Dash) - No ABS Sensors / Brackets

Brake Adjusters

B - Bendix
 G - Gunite
 H - Haldex
 - (Dash) - No Brake Adjusters

Chambers

W - Meritor Wabco
 B - Bendix
 H - Haldex
 K - Knorr - Air Disc Brake Only
 T - TSE
 - (Dash) - No Chambers

Hubs

1 - 10-stud, hub-piloted - 1st Digit
 8 - 8-stud, hub-piloted - 1st Digit
 - (Dash) - No Hubs - 1st Digit

RTR® READY TO ROLL® Packages

V - HVS® 3-yr - 2nd Digit
 L - HLS® 5-yr - 2nd Digit
 3 - HXL3® 3-yr - 2nd Digit
 5 - HXL5® 5-yr - 2nd Digit
 7 - HXL7® 7-yr - 2nd Digit
 P - ConMet PreSet - 2nd Digit
 - (Dash) - No RTR or 1-yr Std Service - 2nd Digit

Drums

C - Cast Drum - 3rd Digit
 F - Fused Drum - 3rd Digit
 - (Dash) - No Drums - 3rd Digit
 315 - 3-spoke, 15" wheel - All 3 Digits
 520 - 5-spoke, 20" wheel - All 3 Digits
 622 - 6-spoke, 22" wheel - All 3 Digits
 624 - 6-spoke, 24" wheel - All 3 Digits

RTR Lube

G - Grease
 F - Syn. Semi-Fluid Grease
 O - 80W - 90 Oil
 S - SAE 50 or 75W - 90 Synthetic
 - (Dash) - None

Dust Shields

D - Dust Shield Included
 - (Dash) - None

Brake Shoe Coating

A - AAXTREME COAT®
 S or (Blank) - Standard (e-coat)
 N - None

Please note this is not an all-inclusive representation of the possible description values and that all model numbers may not represent the specific model descriptor.

SUSPENSION IDENTIFICATION GUIDE

INSTRUCTIONS

STEP 1. Determine if unit is a primary or slider suspension.

STEP 2. If it is a slider, use the following illustrations to determine the slider box type and the suspension model.

If it is a primary, use the illustrations beginning on page 20 to determine the suspension model.

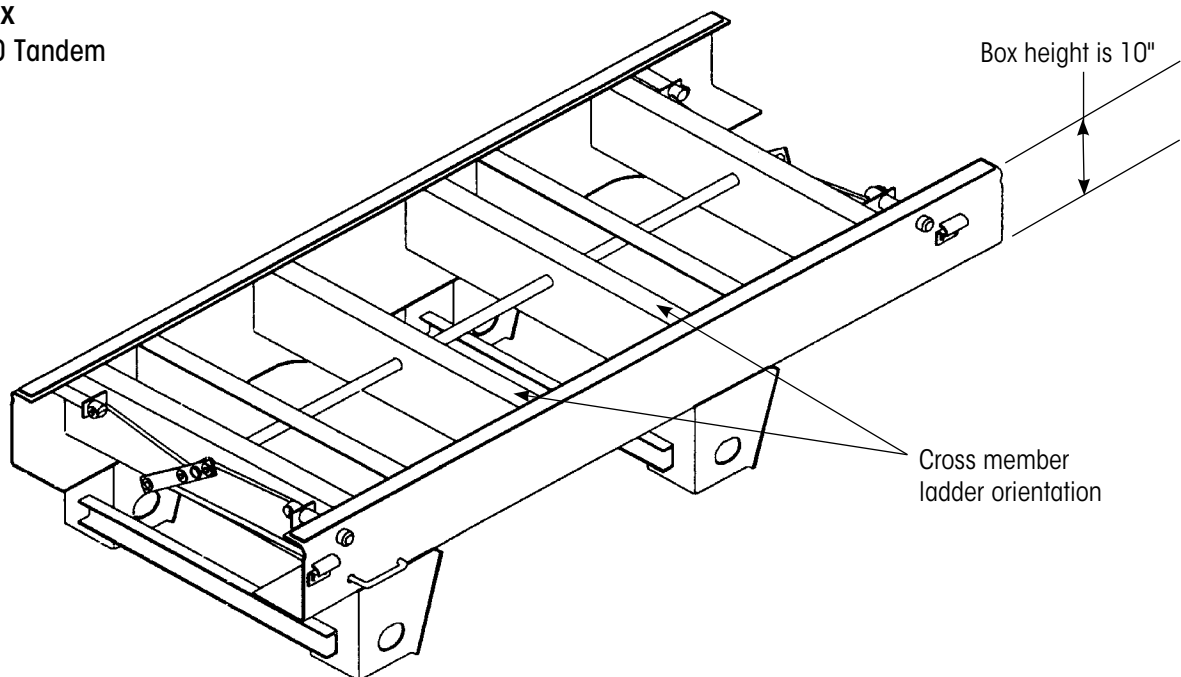
SLIDER SUSPENSIONS — VAN / REEFER APPLICATIONS

Hendrickson van/reefer slider boxes were manufactured in three designs. In order to determine the box type, check to see if the cross members are in a ladder orientation or if the orientation forms two K's or one K.

If the orientation forms a ladder, refer to the illustration below. If the cross members form the "K" orientation, use the dimensions provided on pages 17 and 18 to determine which model you have.

HS Slider Box

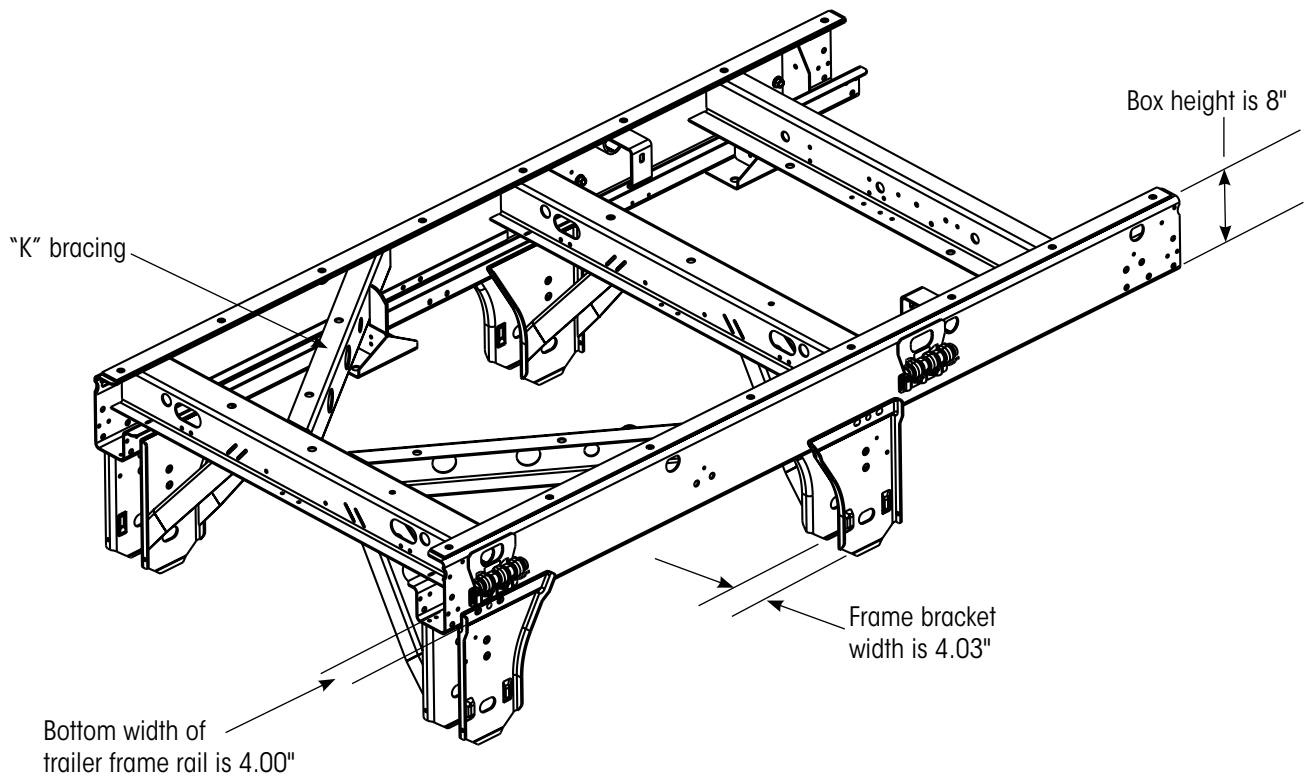
- HS190/230 Tandem





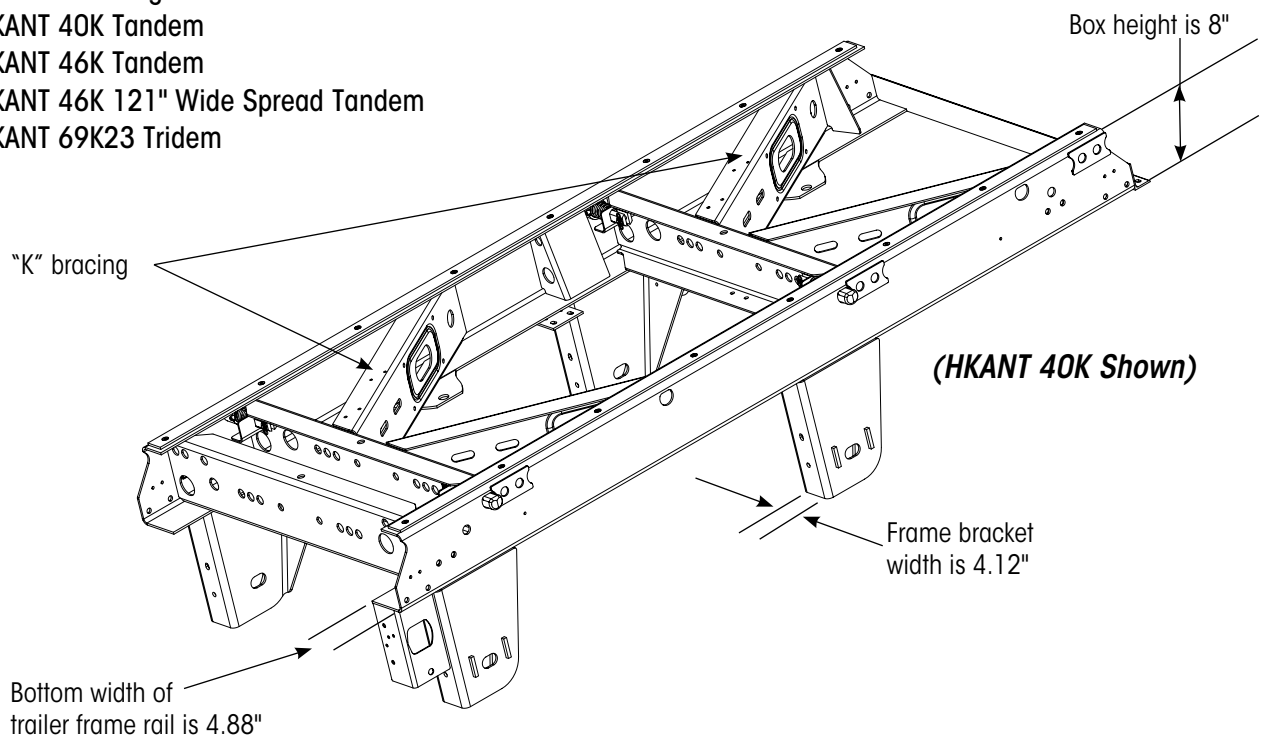
ULTRAA-K® UTKNT Slider Box

- UTKNT 40K Tandem



VANTRAA® HKANT Slider Box

- HKANT 23K Single
- HKANT 40K Tandem
- HKANT 46K Tandem
- HKANT 46K 121" Wide Spread Tandem
- HKANT 69K23 Tridem



VANTRAAX® HKAT Slider Box

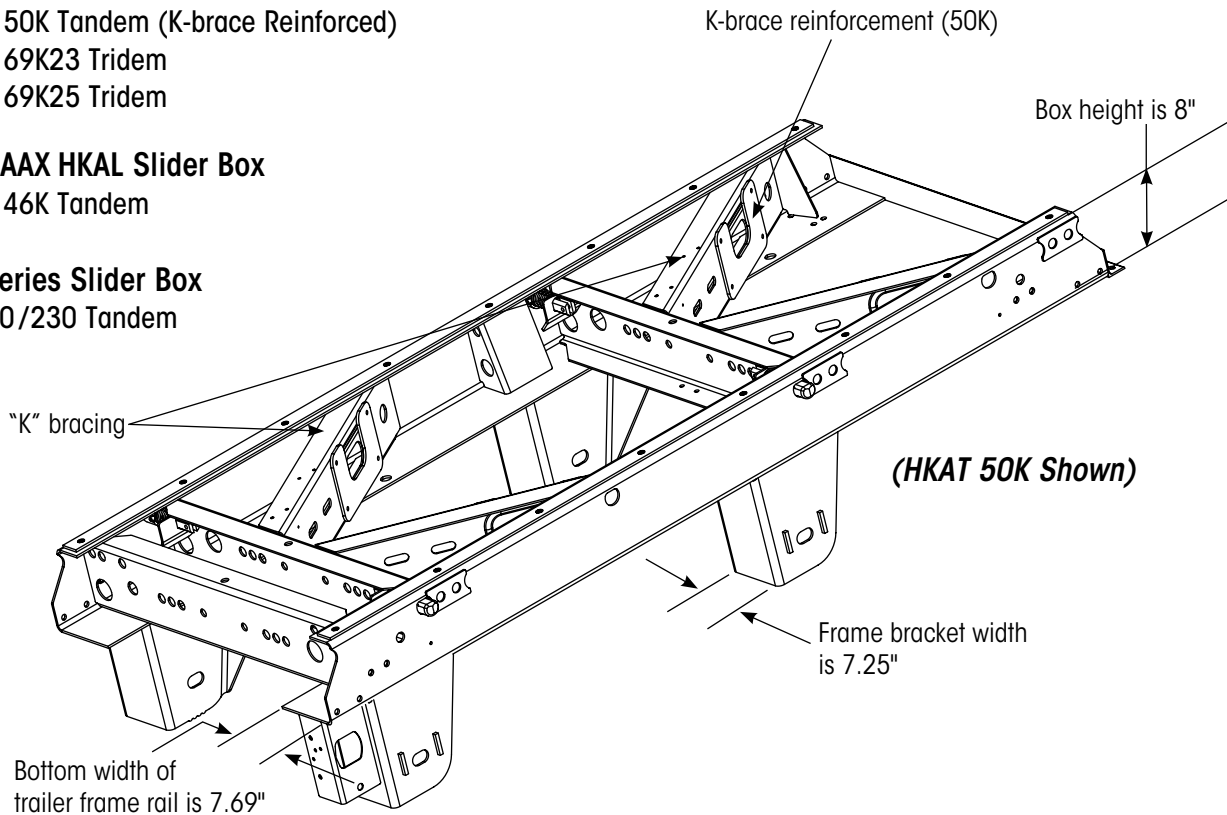
- HKAT 46K Tandem
- HKAT 50K Tandem (K-brace Reinforced)
- HKAT 69K23 Tridem
- HKAT 69K25 Tridem

VANTRAAX HKAL Slider Box

- HKAL 46K Tandem

HK™ Series Slider Box

- HK190/230 Tandem

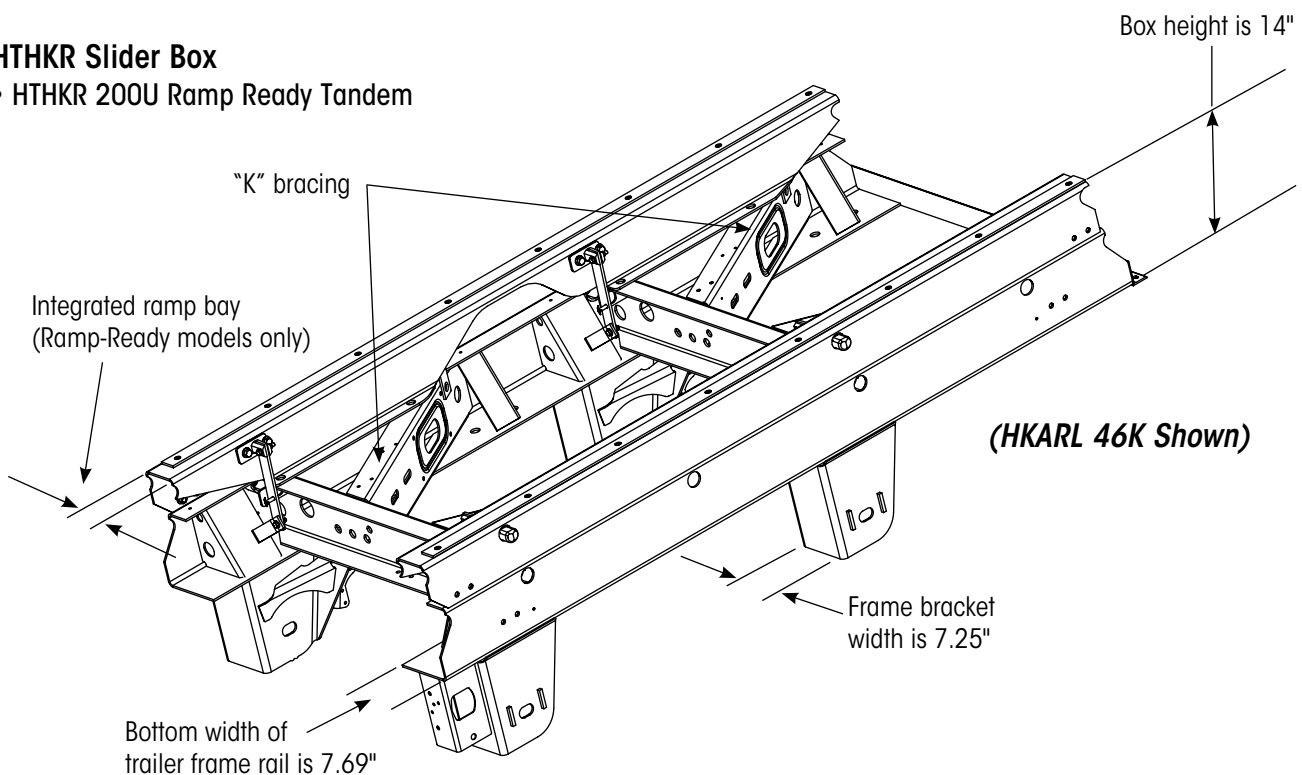


VANTRAAX HKARL Slider Box

- HKARL 46K Ramp Ready Tandem

HTHKR Slider Box

- HTHKR 200U Ramp Ready Tandem



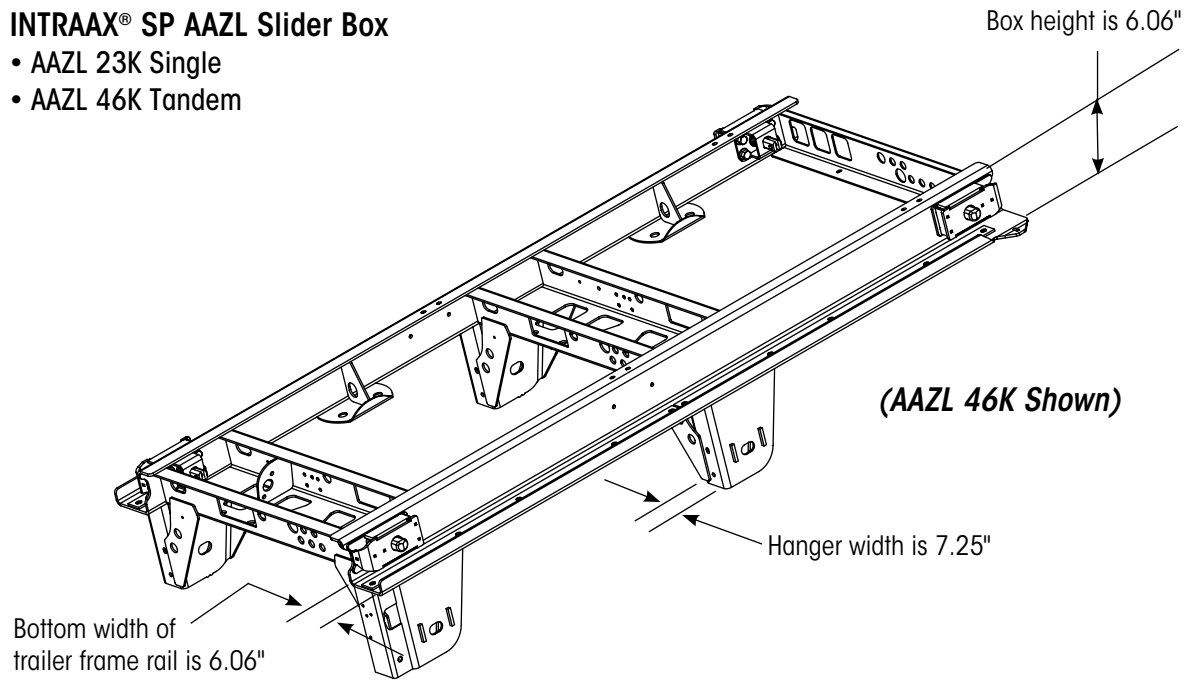


SLIDER SUSPENSIONS — PLATFORM APPLICATIONS

Hendrickson platform slider boxes feature a "Z-rail" style box designed to fit between the trailer I-beams, with the locking pins engaging through the holes in the web of the beams. Refer to the illustrations below to determine if you have a top-mount or low-ride model.

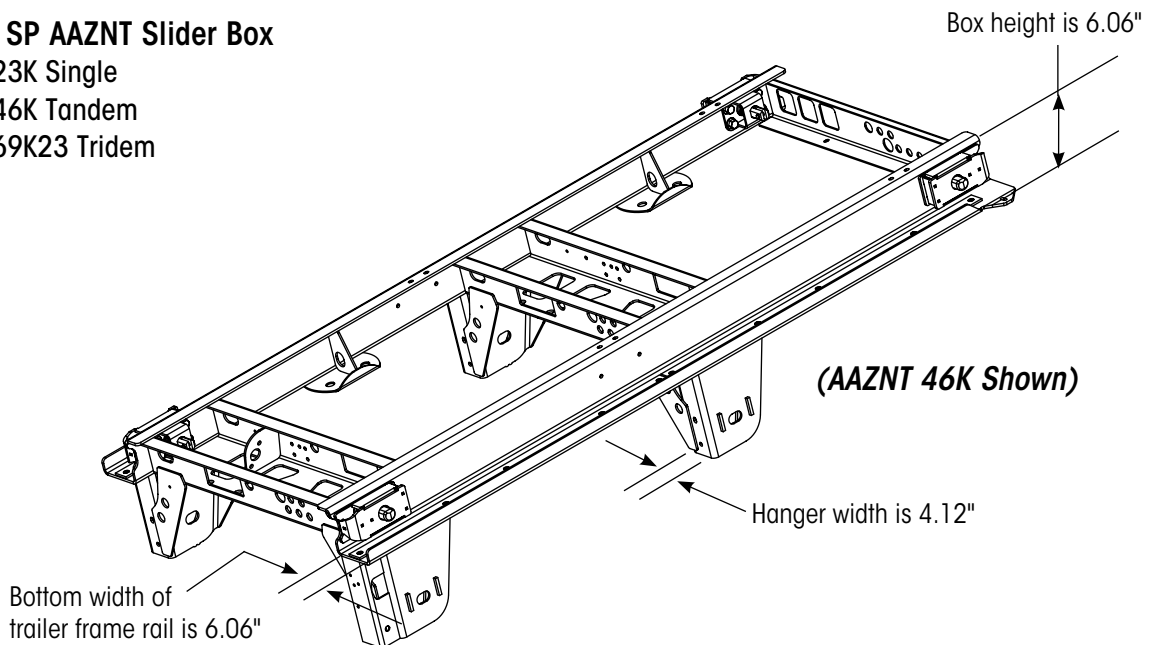
INTRAAX® SP AAZL Slider Box

- AAZL 23K Single
- AAZL 46K Tandem



INTRAAX SP AAZNT Slider Box

- AAZNT 23K Single
- AAZNT 46K Tandem
- AAZNT 69K23 Tridem



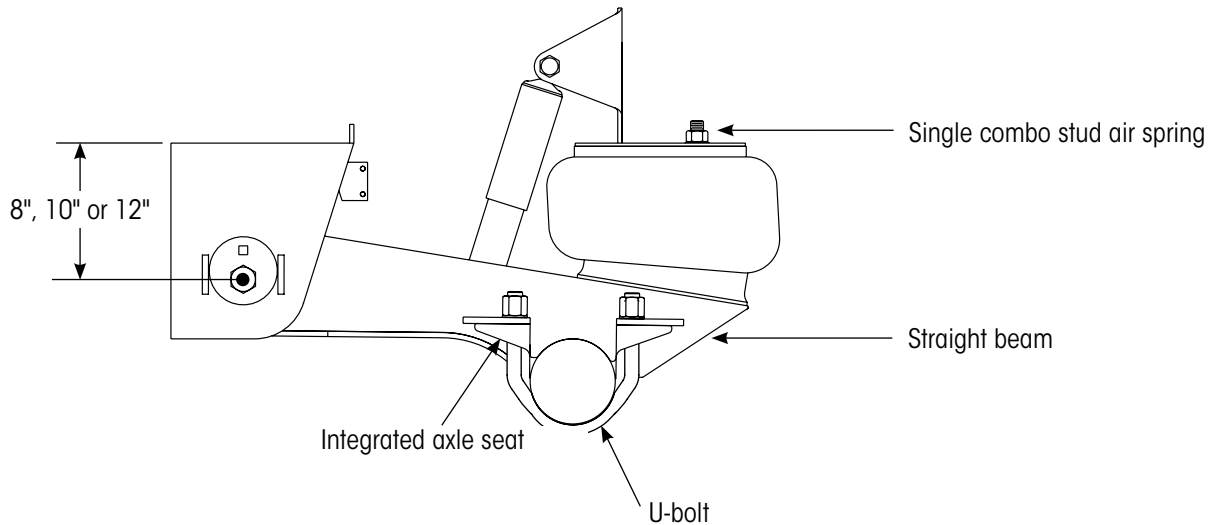
PRIMARY SUSPENSIONS — VOCATIONAL APPLICATIONS

TOP-MOUNT SUSPENSIONS

Top-mount suspensions are those with the beam assembly on top of the axle. The illustrations show the distinguishing characteristics of the various Hendrickson top-mount suspensions. In order to determine the suspension model, find the illustration with the same identifying characteristics.

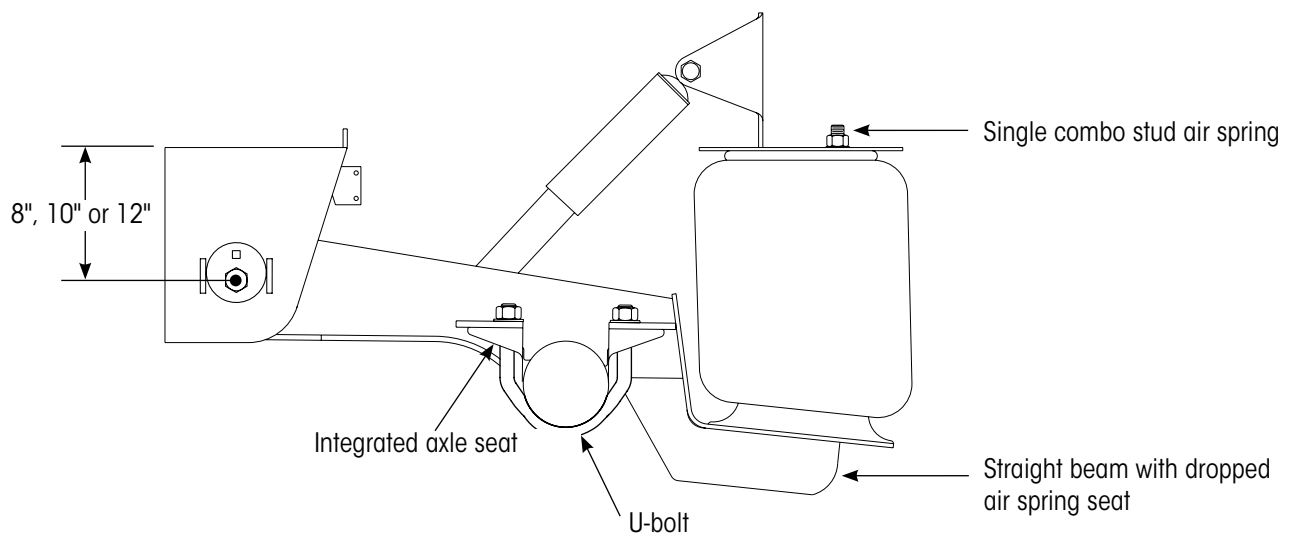
HT™ Top-Mount

- HT190T
- HT230T



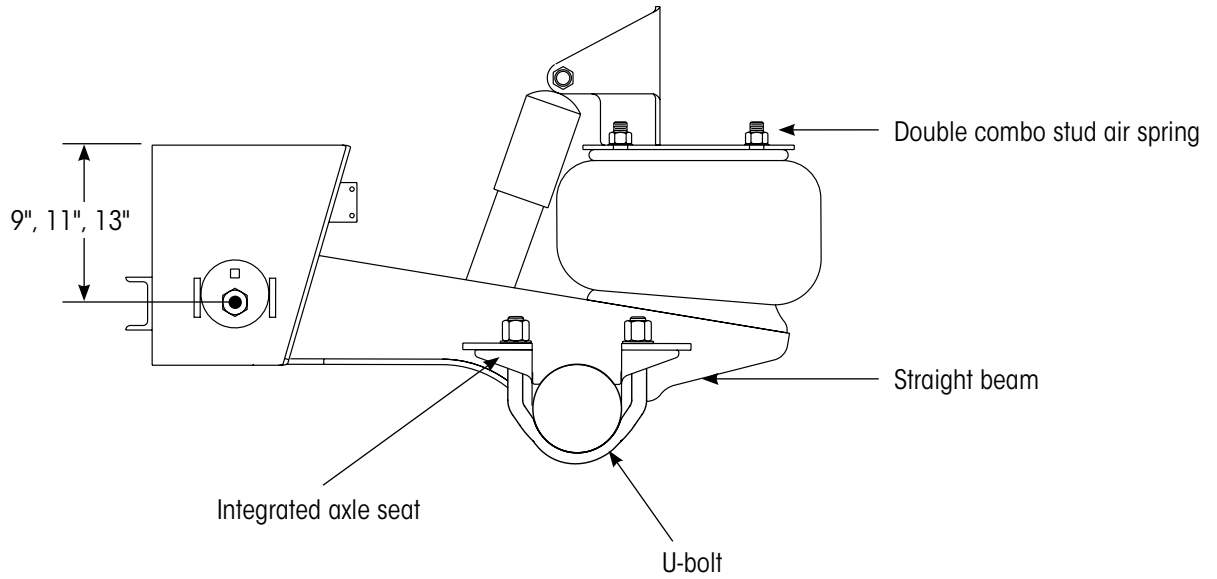
HT Top-Mount

- HT250T

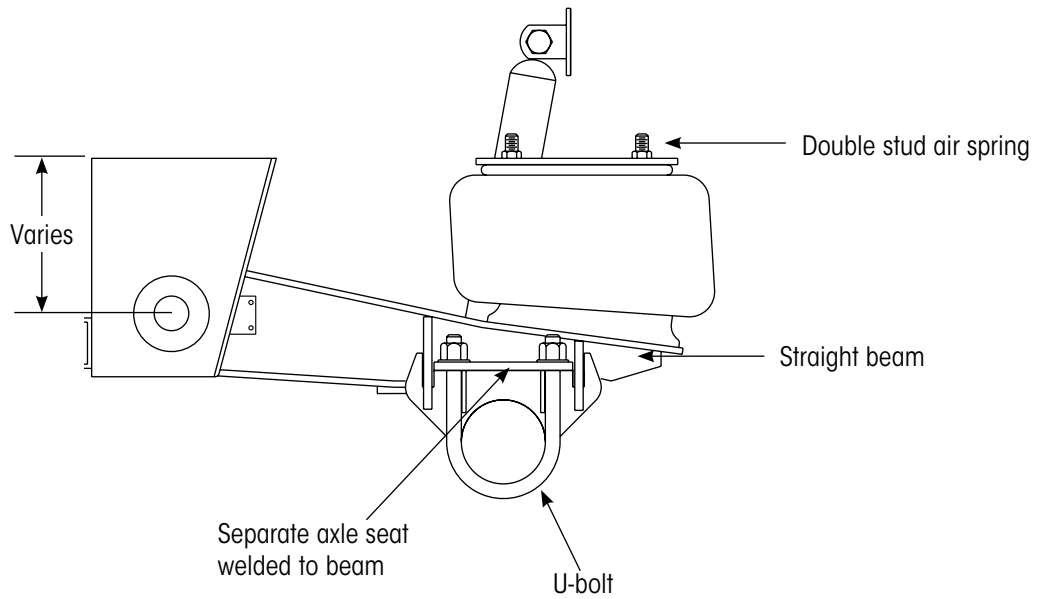




HT™ Top-Mount
• HT300T



T Series Top-Mount (Legacy)

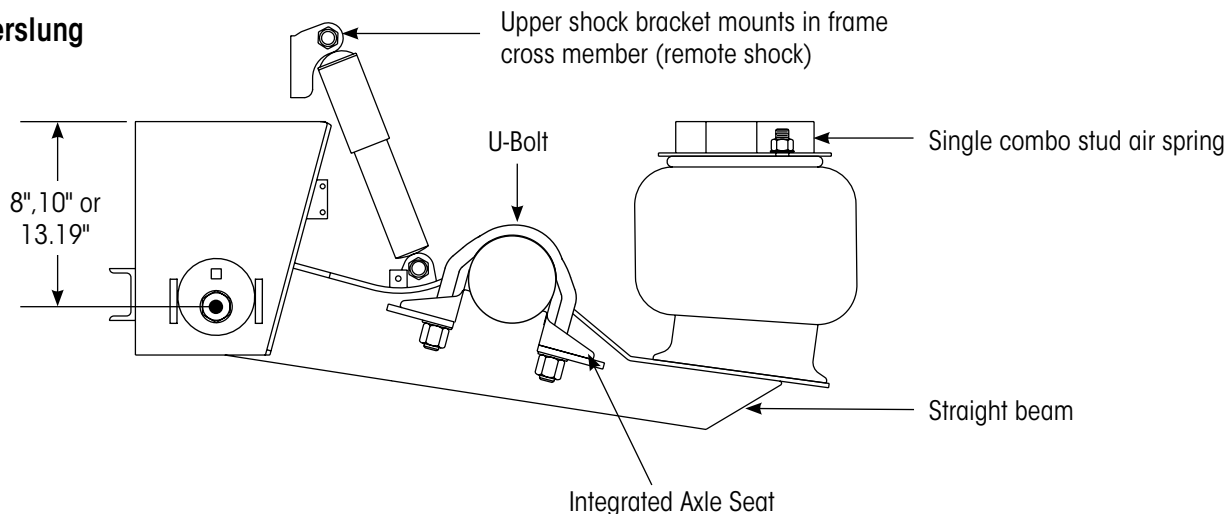


UNDERSLUNG SUSPENSIONS

Underslung suspensions are those with the beam assembly under the axle. The illustrations show the distinguishing characteristics of the various Hendrickson underslung suspensions. In order to determine the suspension model, find the illustration with the same identifying characteristics.

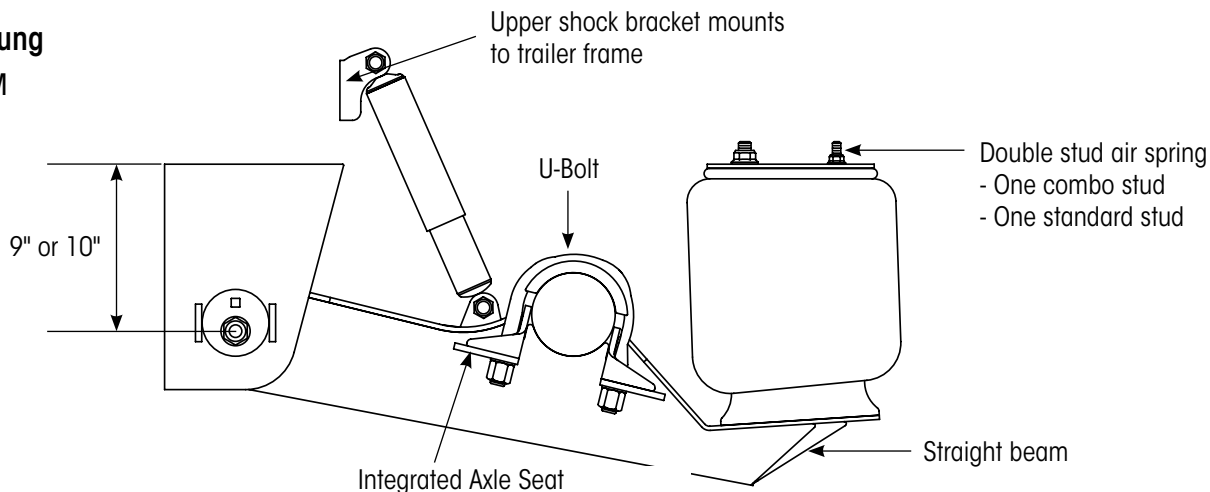
HT™ Underslung

- HT190U



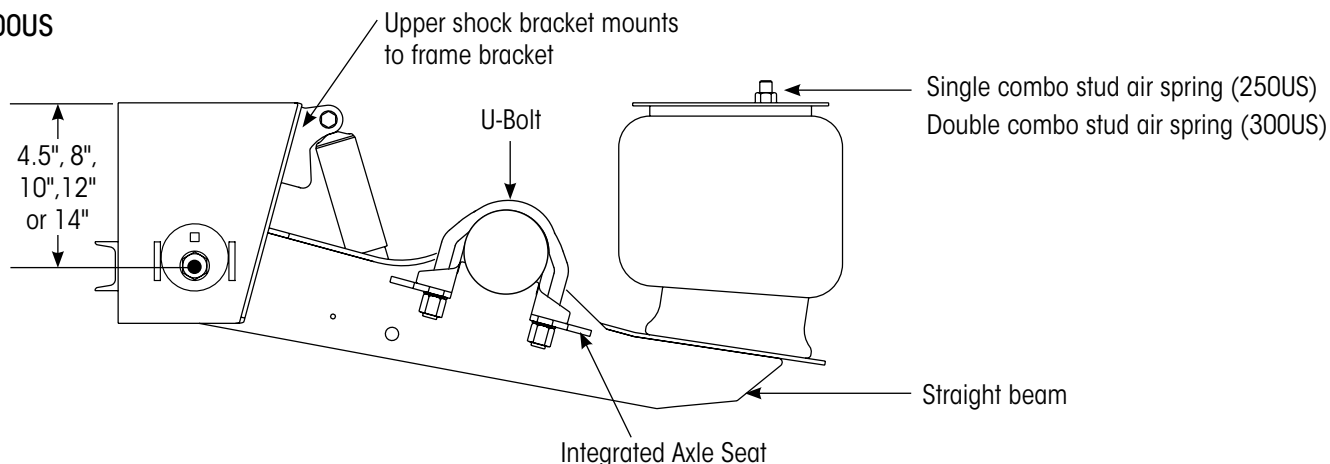
HT Underslung

- HT200UAM



HT Underslung

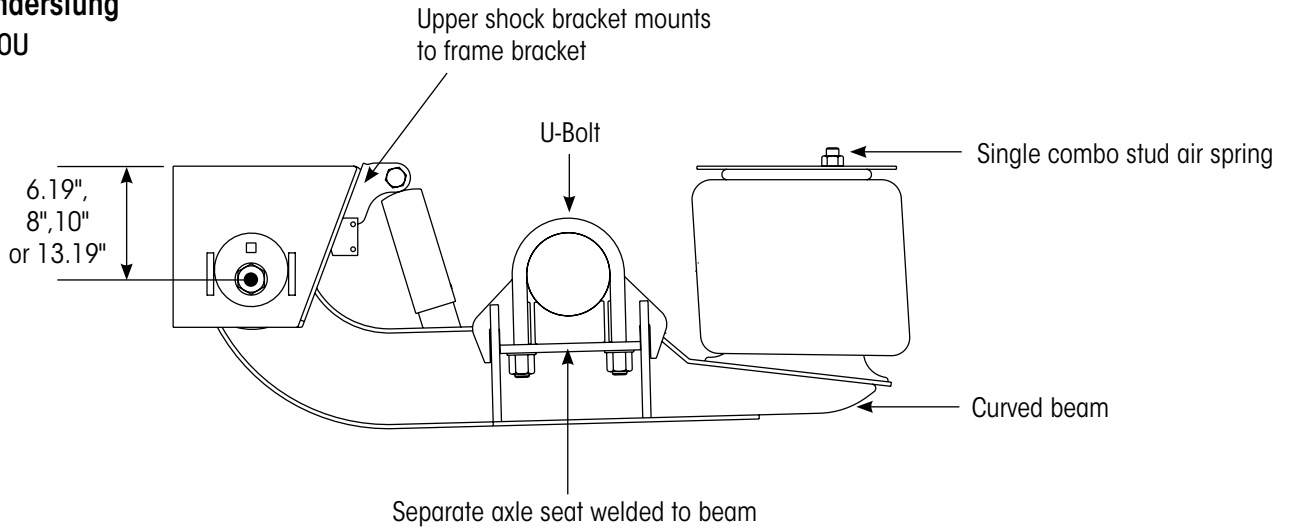
- HT250US
- HT300US





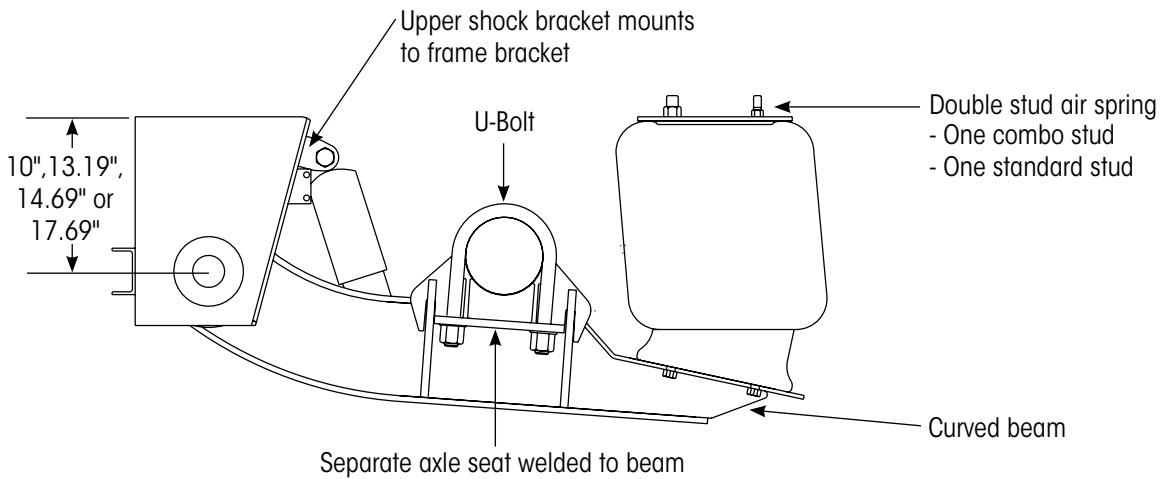
HT™ Underslung

- HT250U

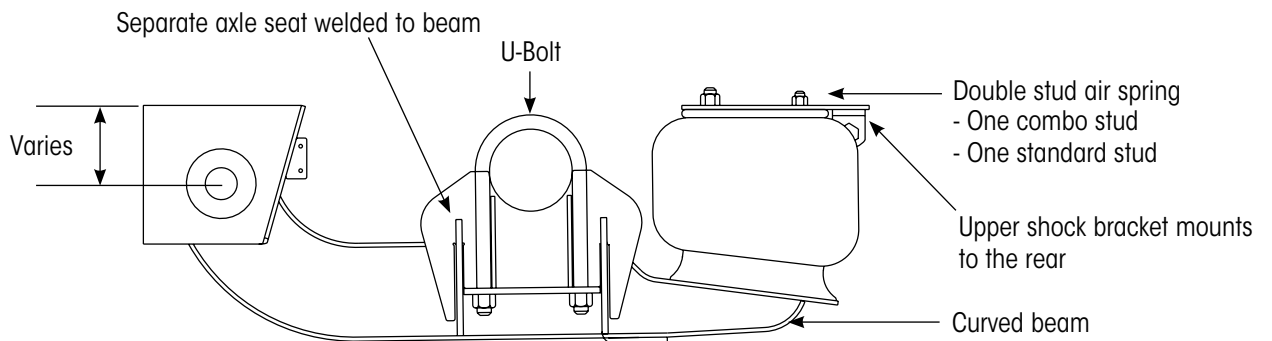


HT Underslung

- HT300U



T Series Underslung (Legacy)

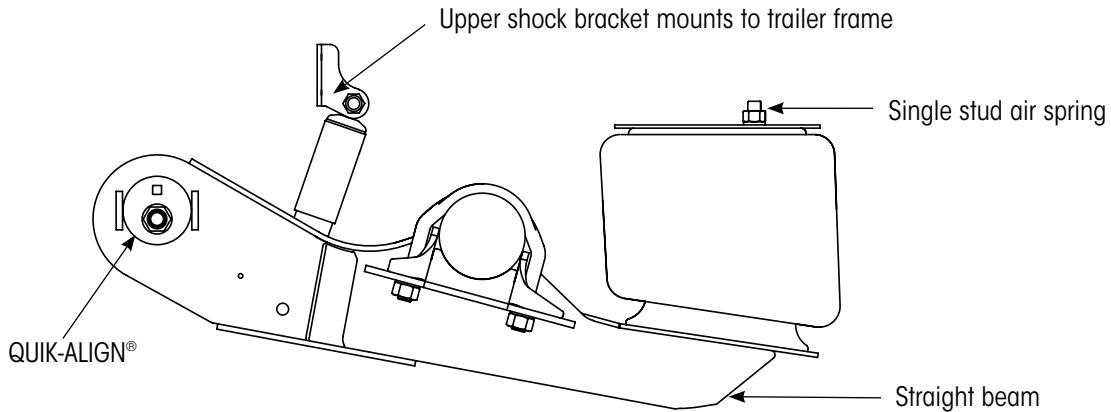


Y-BEAM SUSPENSIONS

Y-Beam suspensions are those with the beam assembly under the axle and the suspension pivot bushing tubes integrated into the trailer frame. The illustrations show the distinguishing characteristics of the various Hendrickson Y-beam suspensions. In order to determine the suspension model, find the illustration with the same identifying characteristics.

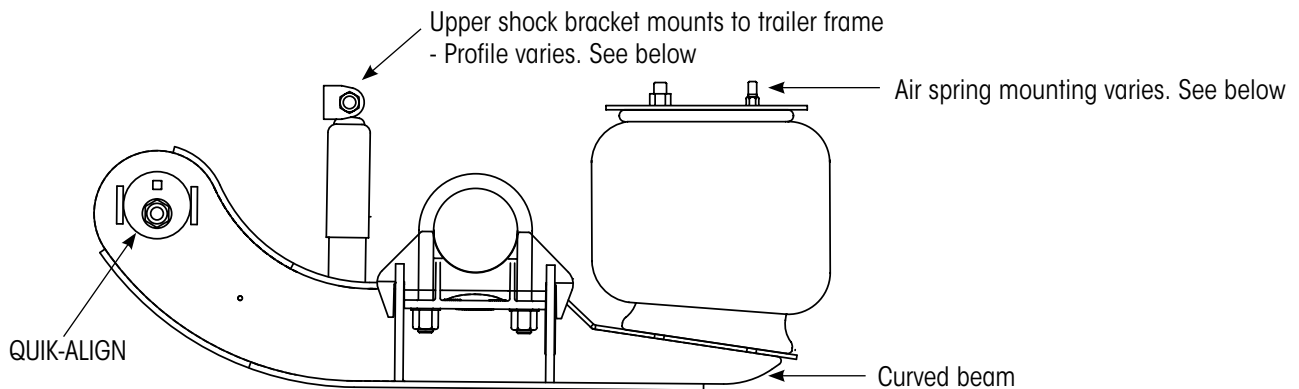
HT™ Y-BEAM

- HT250YS



HT Y-BEAM

- HT250YB
- HT300YB



HT250YB

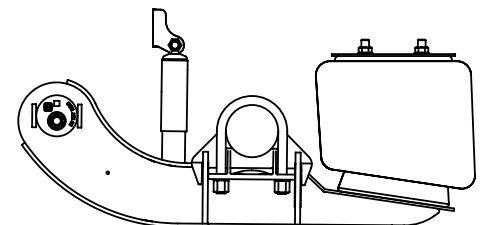
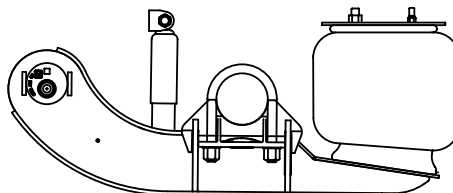
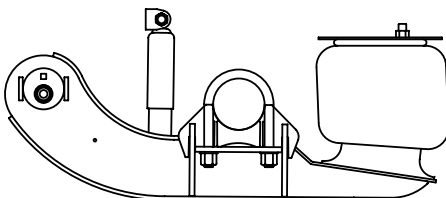
- Paired with HT250UB
- Single combo stud air spring

HT300YB

- Paired with HT300UB
- Double air spring stud
 - One combo stud
 - One standard stud

HT300YB

- Paired with HT300US
- Dual combo stud air spring
- Single combo stud air spring

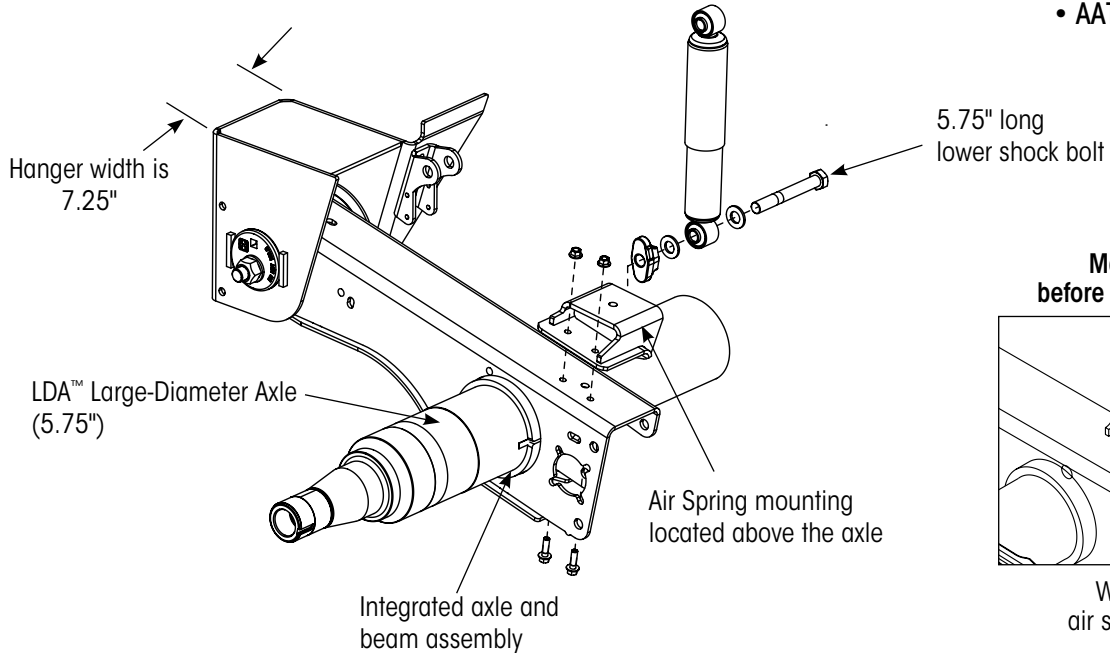




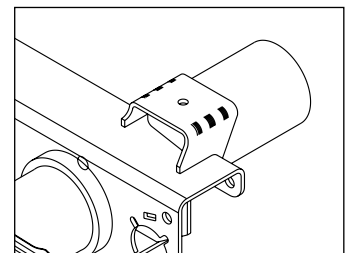
PRIMARY SUSPENSIONS — VOCATIONAL APPLICATIONS (INTRAAX®)

Hendrickson's INTRAAX® suspensions have an integrated axle and beam assembly. The illustrations show the distinguishing characteristics of the various models. In order to determine the suspension model, find the illustration with the same identifying characteristics.

INTRAAX Top-Mount • AAT 23K/25K/30K

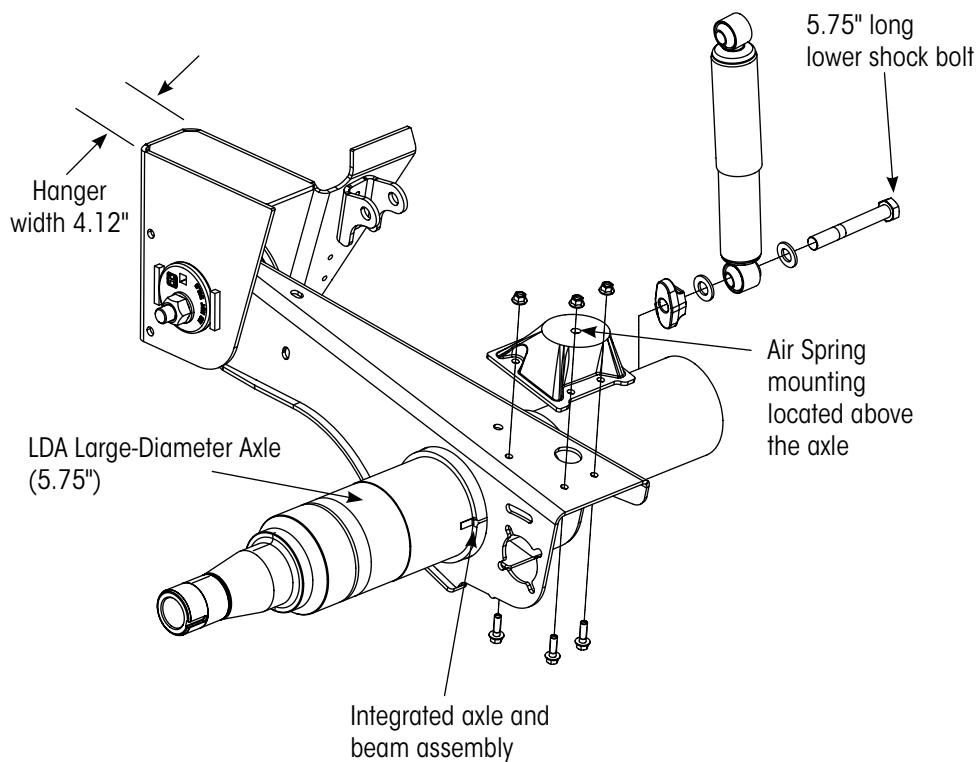


Manufactured before December 2010

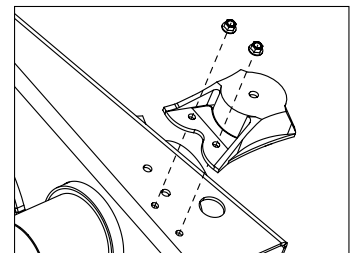


With weld-on air spring pedestal

INTRAAX Top-Mount • AANT 23K

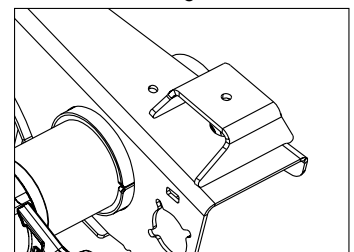


Manufactured late August 2002 through 2008



With cast, bolt-on air spring pedestal

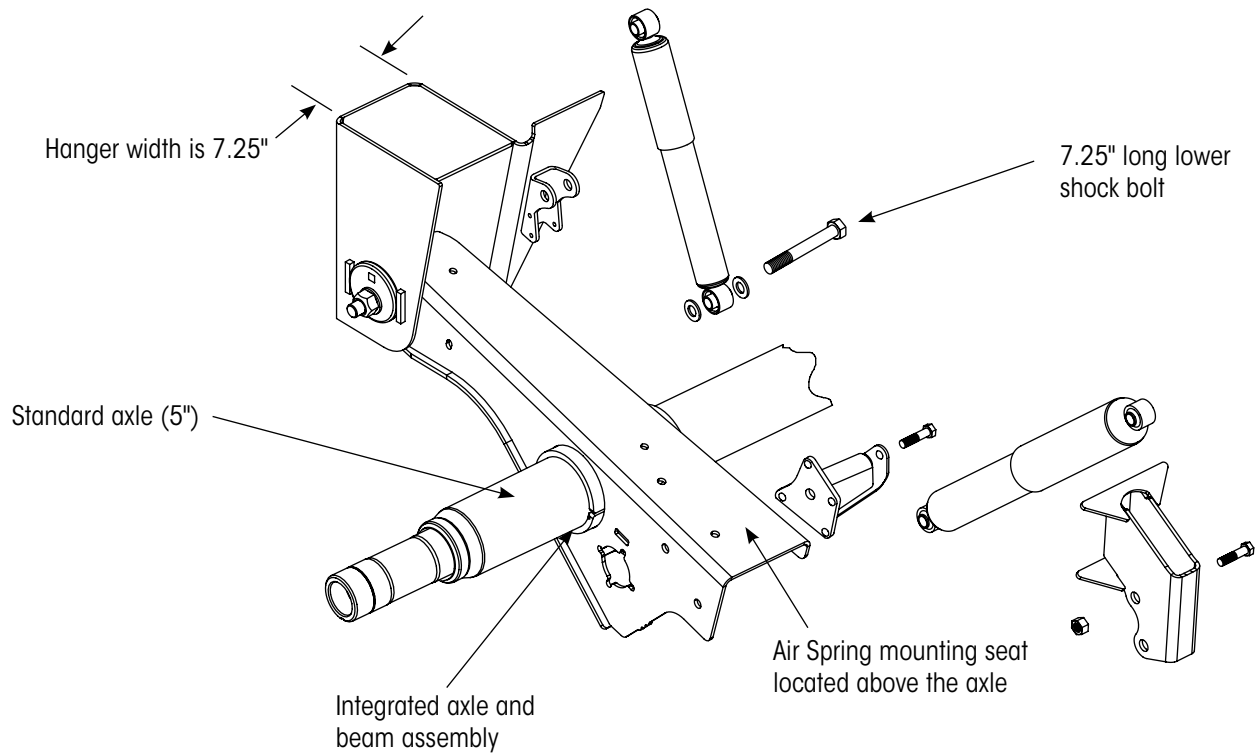
Manufactured 2001 through 2002



With 2-inch, weld-on air spring pedestal

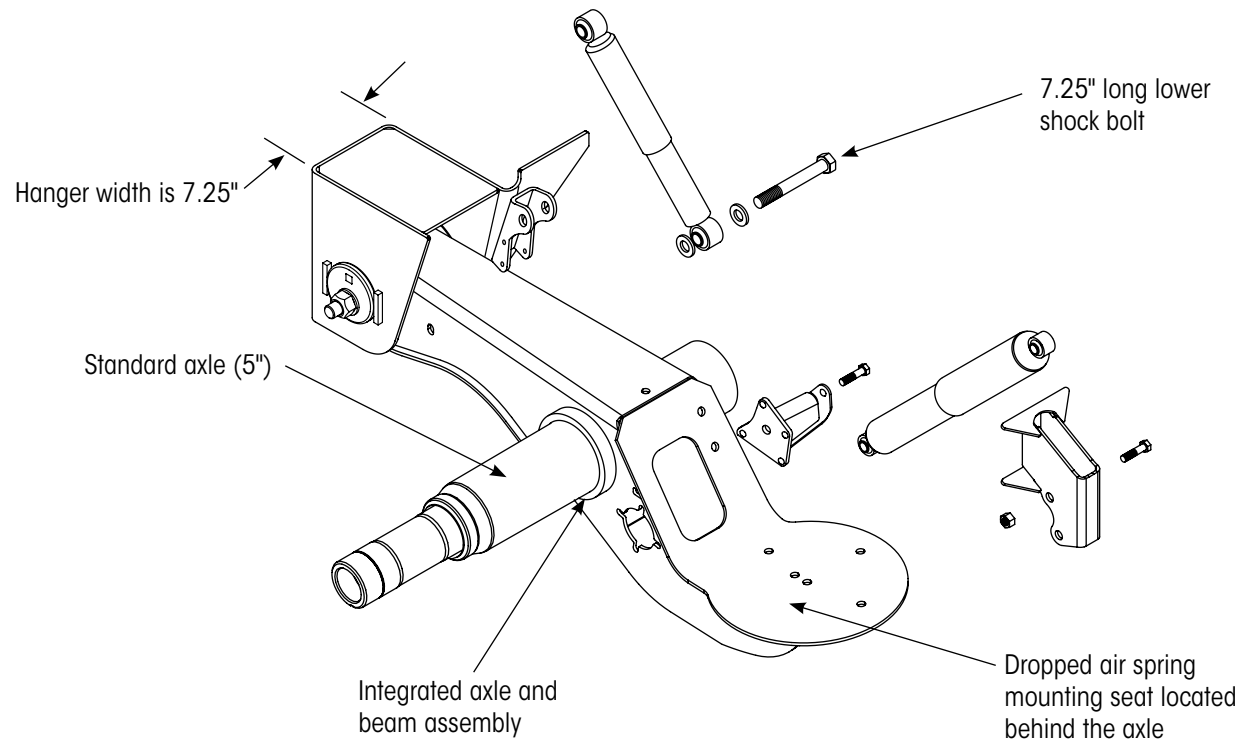
INTRAAAX® Extreme-Duty Top-Mount

• AAEDT 30K



INTRAAAX Extreme-Duty Low-Ride /Liftable

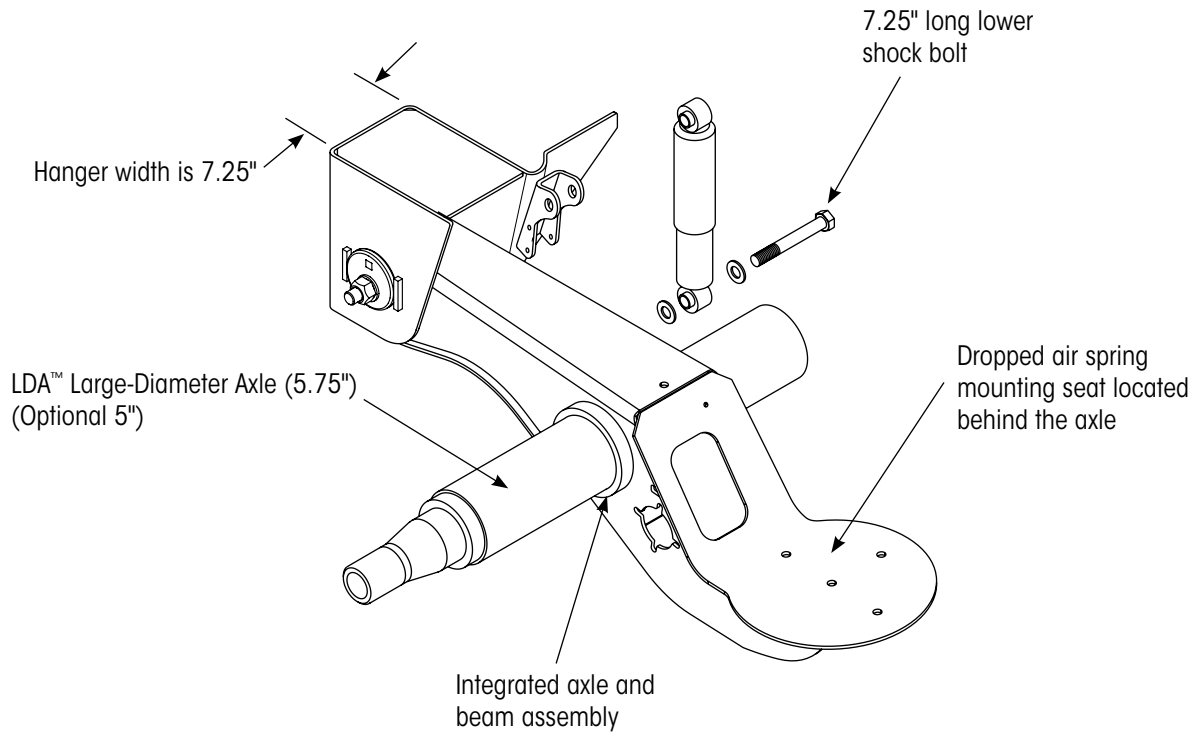
• AAEDL 30K





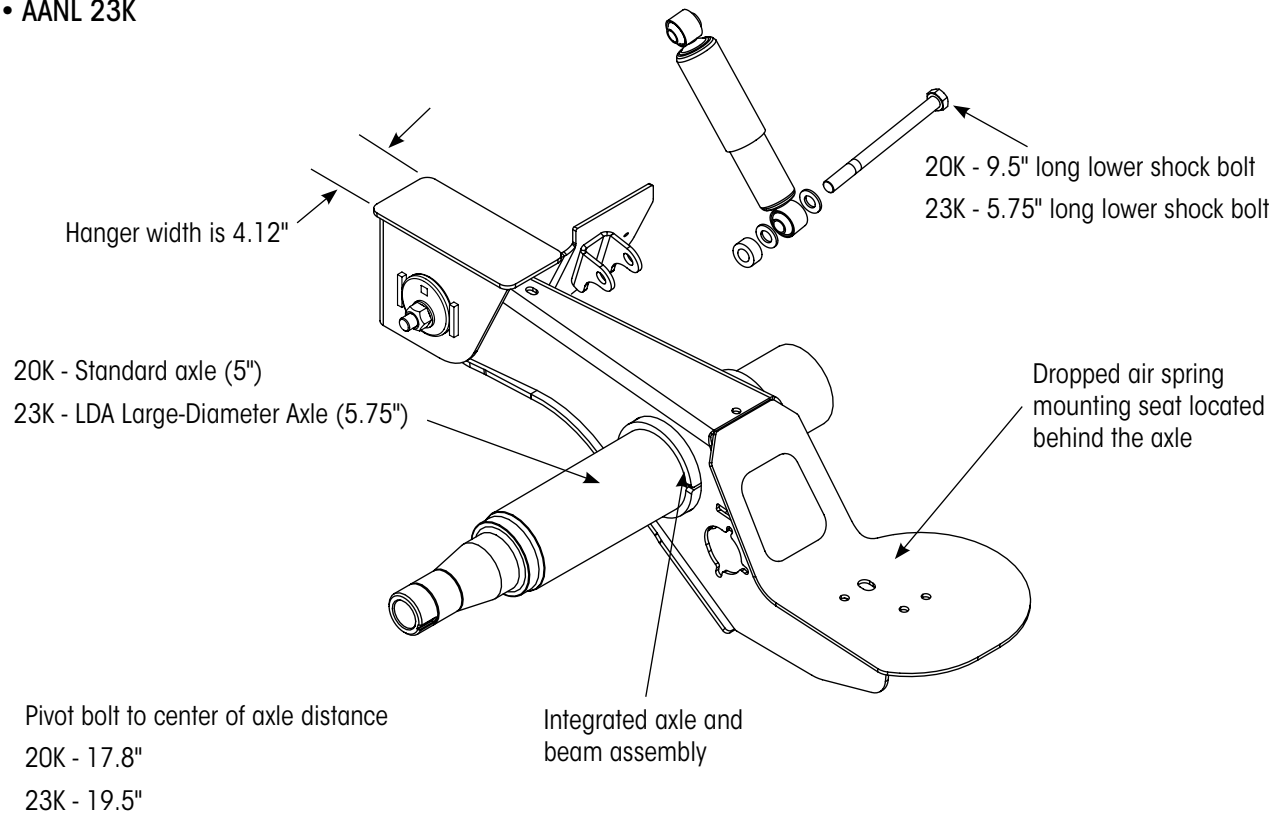
INTRAAAX® Low-Ride / Liftable

- AAL 23K/25K/30K



INTRAAAX Low-Ride

- AANLS 20K
- AANL 23K

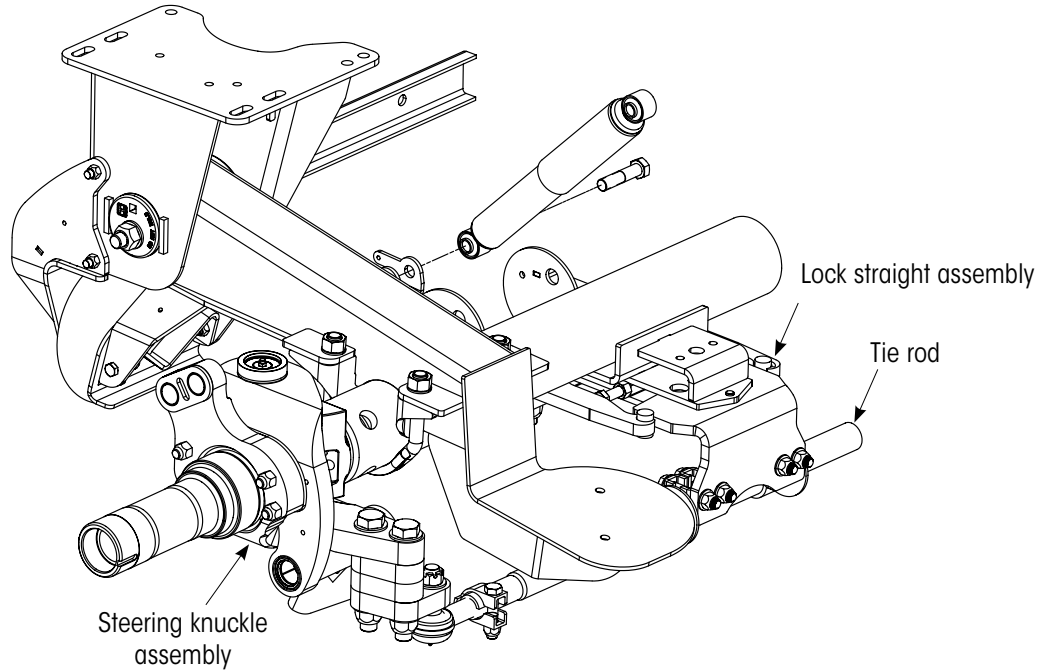


SELF-STEERABLE SUSPENSION — VOCATIONAL APPLICATIONS (CONNEX® ST)

Hendrickson's CONNEX® ST trailer self-steerable suspensions combine the proven HT250T with its innovative steer axle technology. The illustration shows the distinguishing characteristics of the CONNEX ST model.

CONNEX ST Liftable

- CXSL 25K

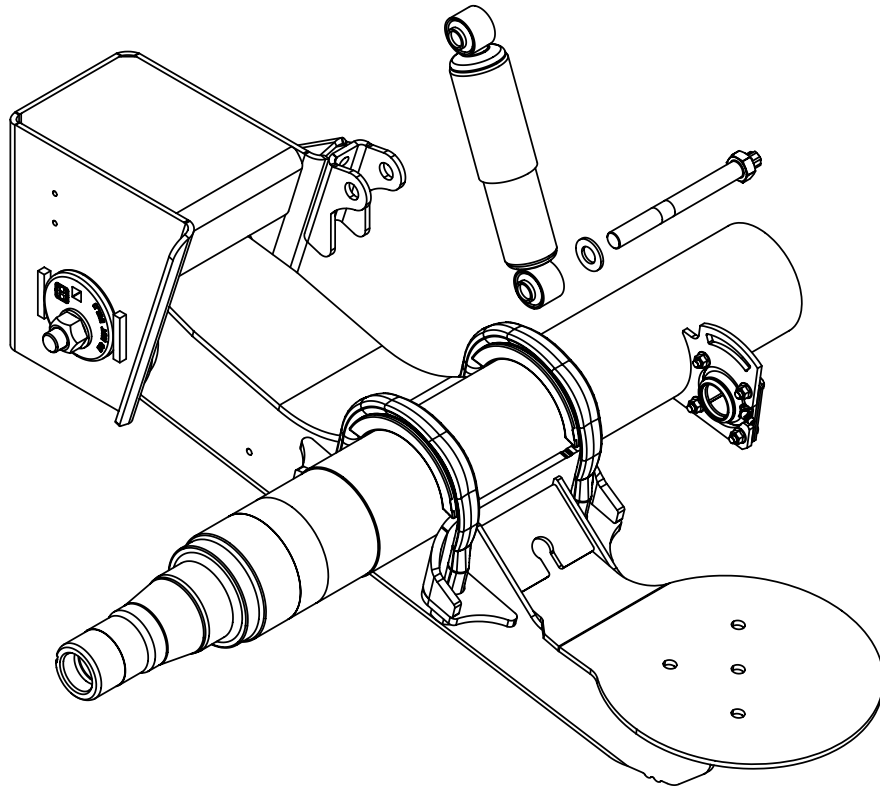


PRIMARY SUSPENSION — VOCATIONAL APPLICATIONS (CONNEX®)

Hendrickson's CONNEX® unitized trailer suspension system combines the proven HT™ SERIES suspension components with TRLAXLE® non-integrated axle. The illustration shows the distinguishing characteristics of the CONNEX model.

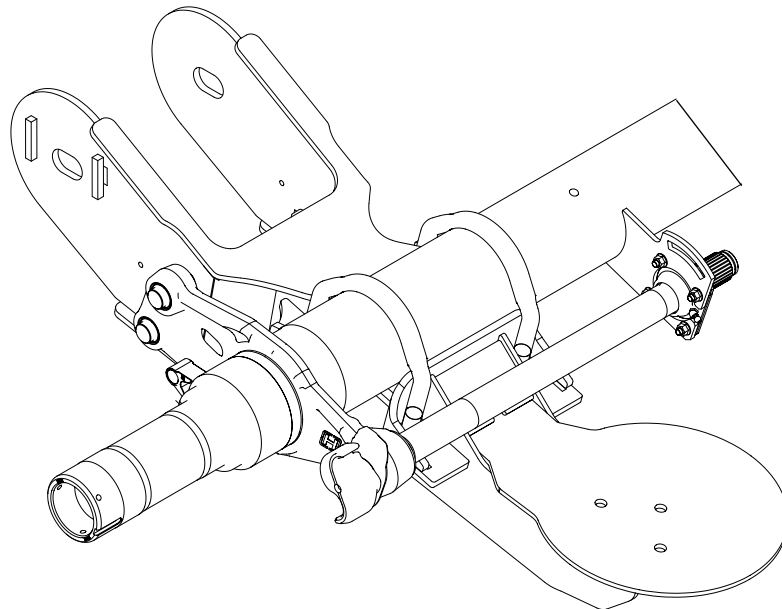
CONNEX Underslung

- CXU 23K
- CXU 25K



CONNEX Y-Beam

- CXY 23K
- CXY 25K





NOTES:

A series of horizontal lines provided for taking notes, starting below the 'NOTES:' header and extending to the bottom of the page.

*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

L977 Rev L 02-24

© 2007 - 2024 Hendrickson USA, L.L.C. All Rights Reserved. All trademarks shown are owned by Hendrickson USA, L.L.C., or one of its affiliates, in one or more countries.
Information contained in this literature was accurate at the time of publication. Product changes may have been made after the copyright date that are not reflected.

TRAILER COMMERCIAL VEHICLE SYSTEMS
2070 Industrial Place SE
Canton, OH 44707-2641 USA
866.RIDEAIR (743.3247)
Fax 800.696.4416

Hendrickson Canada ULC
2825 Argentia Road, Unit #2 - 4
Mississauga, ON Canada L5N 8G6
800.668.5360
905.789.1030 • Fax 905.812.9423

Hendrickson Mexicana
Circuito El Marqués Sur #29
Parque Industrial El Marqués
Pob. El Colorado, Municipio El Marqués,
Querétaro, México C.P. 76246
+52 (442) 296.3600 • Fax +52 (442) 296.3601

Printed in United States of America