

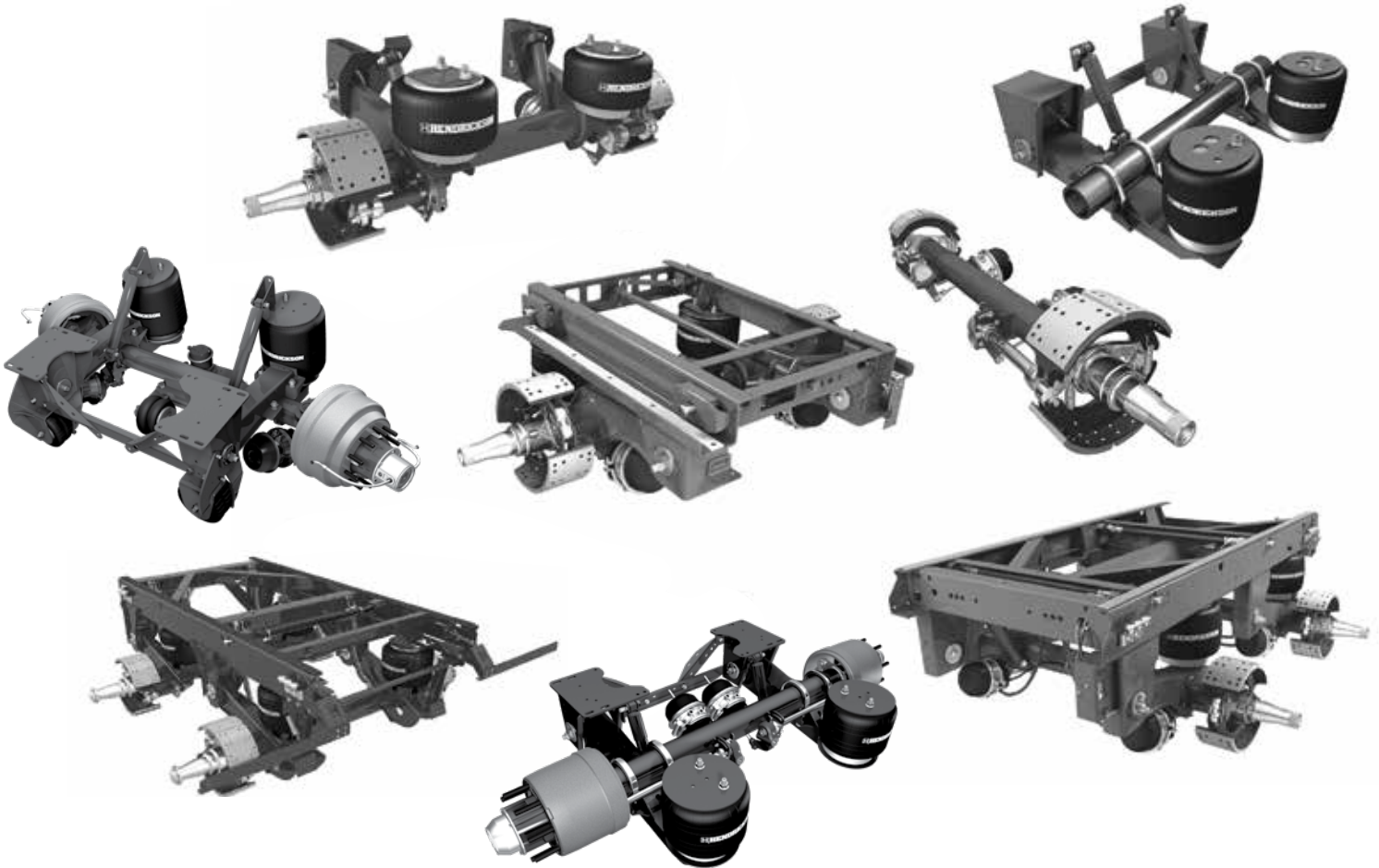
# **H** IDENTIFICATION GUIDE

## TRAILER SUSPENSION AND AXLE SYSTEMS

LIT NO: L977

DATE: November 2019

REVISION: I



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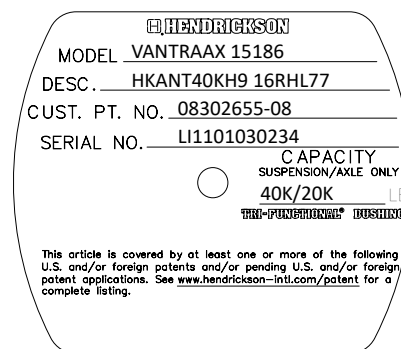
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## HOW TO IDENTIFY A MODEL

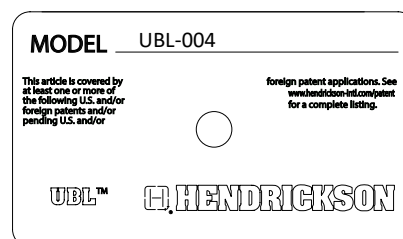
**STEP 1.** Find the identification tag on the suspension or trailer axle model by referencing the following chart for tag location.

**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)



**Identification Tag**  
(UBL™ 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 curbside beam
CONNEX® ST Trailer Self-Steer Suspension	Inside of curbside beam
CONNEX® Primary Suspension System	Inside of curbside 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; also has blank INTRAAX tag on inside of curbside beam
ULTRAA-K® Air Slider Suspension System	On roadside front frame bracket

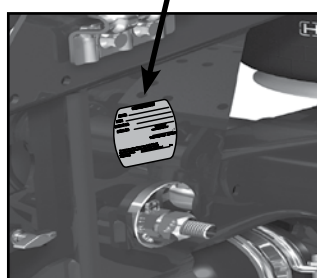
**INTRAAX / HT /  
CONNEX ST / CONNEX**

Inboard side of curb side trailing arm



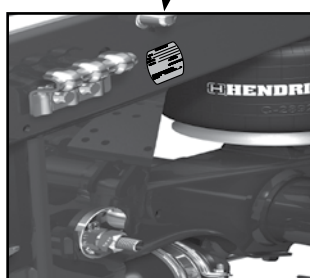
**ULTRAA-K**

Roadside on front of frame bracket



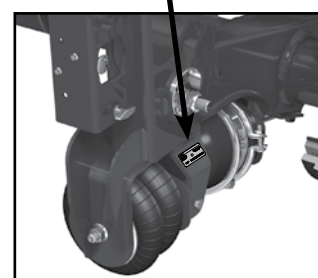
**VANTRAAX / HKBOX**

Roadside front of side rail on slider box



**UBL**

Roadside of lift bracket





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

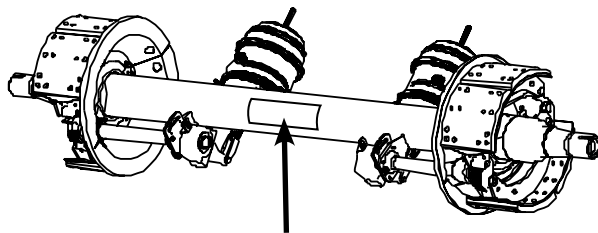
The model number, customer part number (if applicable), a description and a serial number are imprinted on an ID tag that is attached to the axle (as shown below).

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.

### OLD

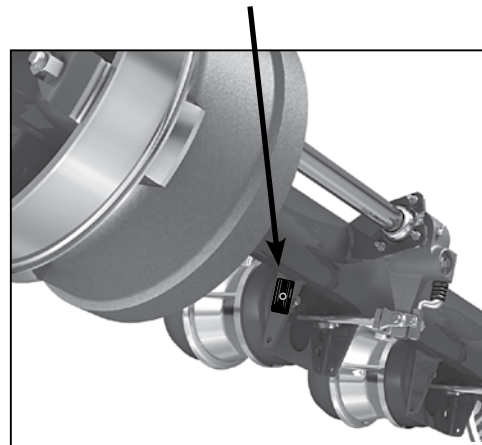
Straight Axle



Mylar ID Tag — Located Near Center of Axle

### NEW

Location of New Stainless Steel ID Tag — On Brake Chamber or near Center of Axle



### New 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

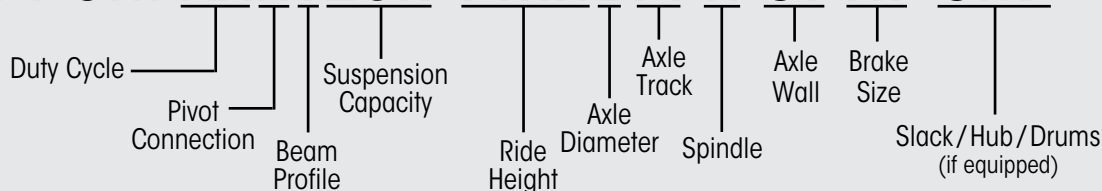


GENERAL GUIDELINES FOR INTERPRETING SUSPENSION DESCRIPTIONS

INTRAAAX®

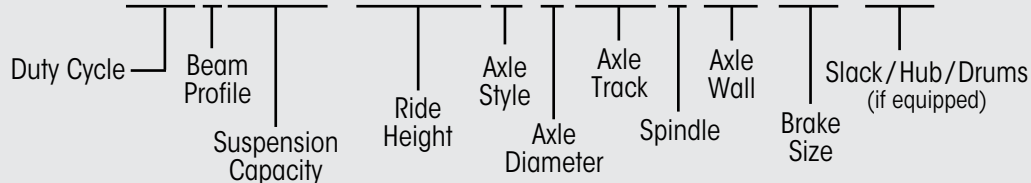
Model: INTRAAAX.85901

**DESCRIPTION: AANT23K 14RHL77N ST X7 SHD**



Model: INTRAAAX.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"
- N - HN
- P - HP
- CDHP - CD HP
- US - HUS

**Axle Wall**

- ST - Standard
- HD - Heavy Duty

**Brake Size**

- X5 - 15" x 8<sup>5</sup>/<sub>8</sub>"
- 7 - 16.5" x 7"
- X7 - 16.5" x 7" HXS®
- X8 - 16.5" x 8<sup>5</sup>/<sub>8</sub>" 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**

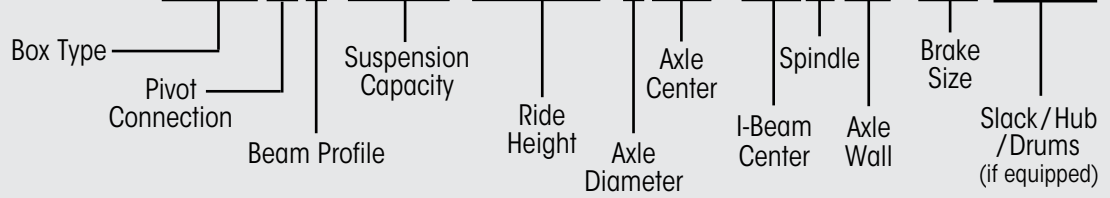
- D - Any Brand Selection
- (Blank) - None



**INTRAAAX®-SP**

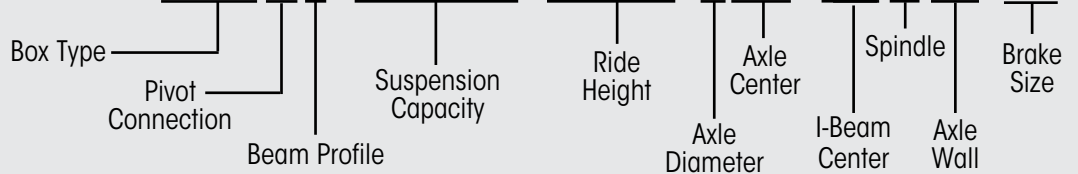
Model: INTRAAXSP.3187

**DESCRIPTION: AAZNT 46K 14RH L49 38PST X7SHD**



Model: INTRAAXSP.2503

**DESCRIPTION: AAZNT 69K23 14RH L60 43NST X7**



**INTRAAAX®-SP DESCRIPTION MATRIX**

**Box Type**

AAZ - Platform Slider Box

**Pivot Connection**

N - Narrow

(Blank) - Wide

**Beam Profile**

T - Top-Mount

L - Low-Ride

**Suspension Capacity**

23K - 23,000 lbs.

46K - 46,000 lbs.

69K23 - 69,000/23,000 lbs.

**Axle Centers**

(Blank) - N/A (Single Axle)

49 - 49.0"

60 - 60.0"

72 - 72.0"

**Axle Diameter**

(Blank) - 5.00"

L - LDA™ (5.75")

**I-Beam Centers**

37 - 37.0"

38 - 38.0"

43 - 43.0"

44 - 44.0"

**Spindle**

N - HN

P - HP

WP - CD HP

US - HUS

**Axle Wall**

ST - Standard

HD - Heavy Duty

**Brake Size**

7 - 16.5" x 7"

X7 - 16.5" x 7" HXS®

X8 - 16.5" x 8<sup>5</sup>/<sub>8</sub>" 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

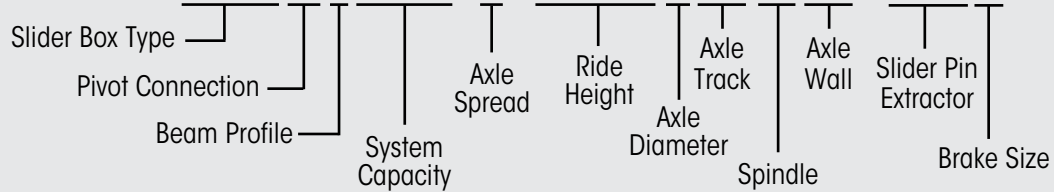
(Blank) - None



**VANTRAAX®**

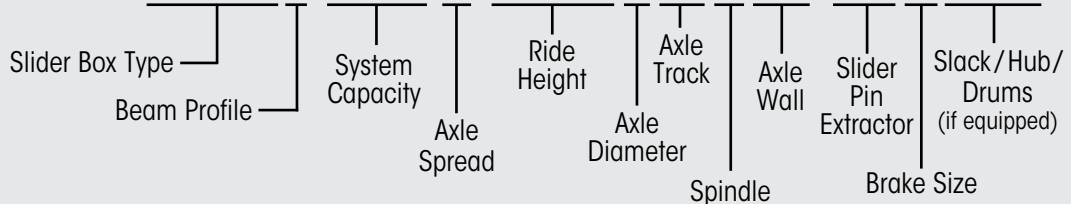
Model: VANTRAAX.12059

**DESCRIPTION: HKANT40K 9 16RHL77NST MA7**



Model: VANTRAAX.27506

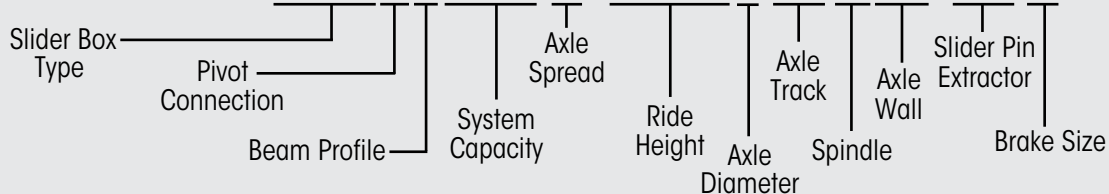
**DESCRIPTION: HKARL 46K 9 12RHL77PST QD7SHD**



**ULTRAA-K®**

Model: ULTRAAK.1010

**DESCRIPTION: UTKNT40K 9 16RHL 77PST QD7**





**VANTRAA<sup>®</sup> / ULTRAA-K<sup>®</sup> DESCRIPTION MATRIX**

**Box Type**

HKA - 8" K-2<sup>®</sup>  
 HKAR - 14" Ramp-Ready  
 HRR - 8" K-2 for Railroad  
 UTK - ULTRAA-K Box

**Pivot Connection**

N - Narrow  
 (Blank) - Wide

**Beam Profile**

T - Top-Mount  
 L - Low-Ride

**System Capacity**

23K - 23,000 lbs.  
 40K - 40,000 lbs.  
 46K - 46,000 lbs.  
 50K - 50,000 lbs.  
 69K23 - 69,000/23,000 lbs.  
 69K25 - 69,000/25,000 lbs.

**Box Duty**

ST or (Blank) - Standard  
 HD or H - Heavy Duty

**Axle Centers**

(Blank) - N/A (Single Axle)  
 9 - 49.0"  
 0 - 60.0"  
 2 - 72.0"  
 1 - 121.0"

**Axle Diameter**

S - 5.00"  
 L - LDA™ (5.75")

**Slider Box Width**

71 - 42.0"  
 77 - 48.0"  
 83 - 54.0"

**Spindle**

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

**Axle Wall**

ST - Standard  
 HD - Heavy Duty

**Slider Pin Extractor**

MA - Manual  
 QD - QUIK-DRAW<sup>®</sup> or QUIK-DRAW No Valve  
 FX - None (Pins only for fixed applications)

**Brake Size**

7 - 16.5" x 7"  
 X7 - 16.5" x 7" HXS<sup>®</sup>  
 X8 - 16.5" x 8<sup>5</sup>/<sub>8</sub>" 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**

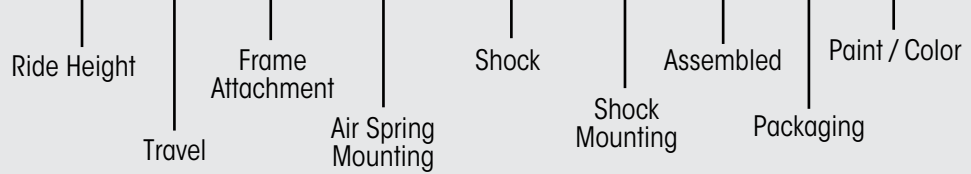
D - Any Brand Selection  
 (Blank) - None



**HT™ SERIES HT250US**

Model: HT250US.1

**DESCRIPTION: 6.5 ST WO AS1 SH1 SM SA PK SB**



**HT SERIES HT250US DESCRIPTION MATRIX**

**Travel**

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

**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

**Air Spring Mounting**

- ASNS - 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

**Shock**

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

**Shock Mounting**

- RM - Remote
- SM - Standard Mount

**Assembled**

- SA - Assembled
- U1 - Unassembled

**Packaging**

- PK - Standard NAFTA
- X1 - Standard - Export

**Beam Coating**

- SB - Standard Black Primer
- UP - Unpainted
- FBP - Full Black Primer

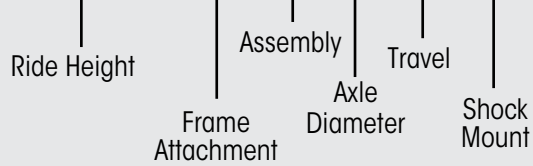




HT™ SERIES HT300US/HT300YB

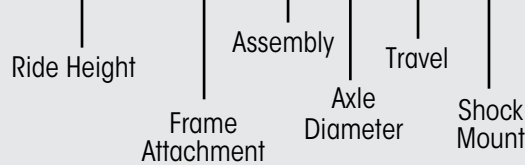
Model: HT300US.1

**DESCRIPTION: 5.5RH BO A 5 ST S**



Model: HT300YB.6

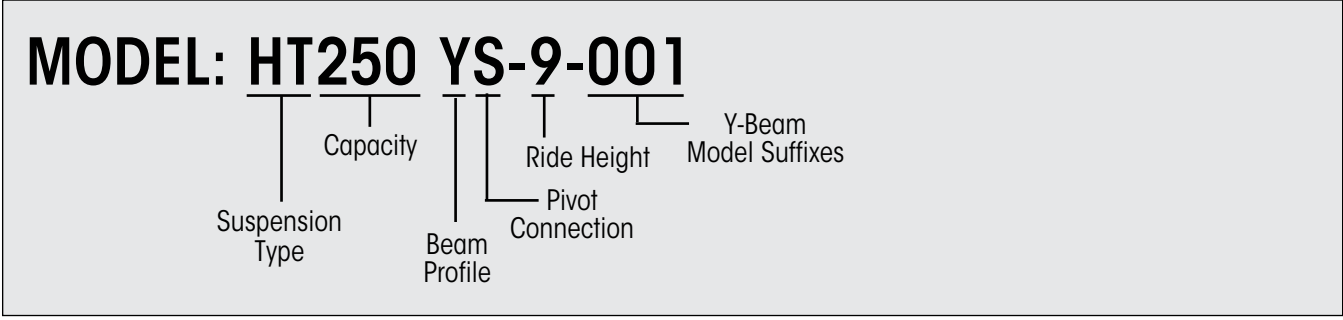
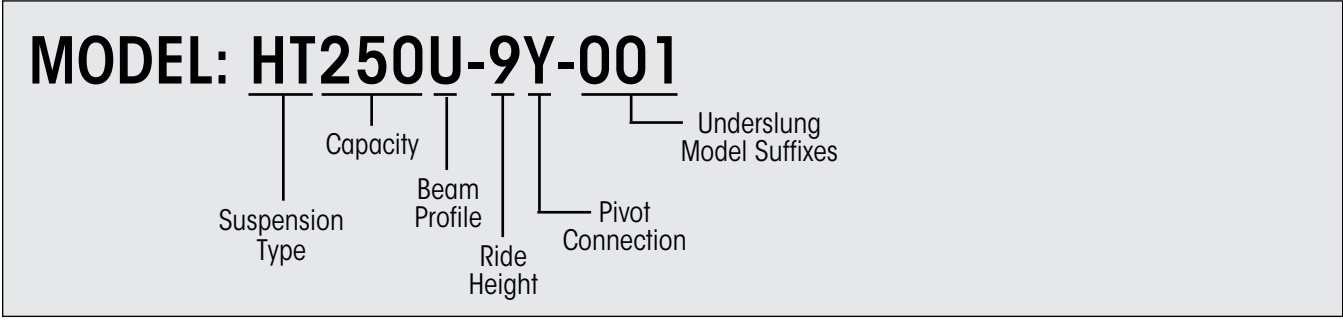
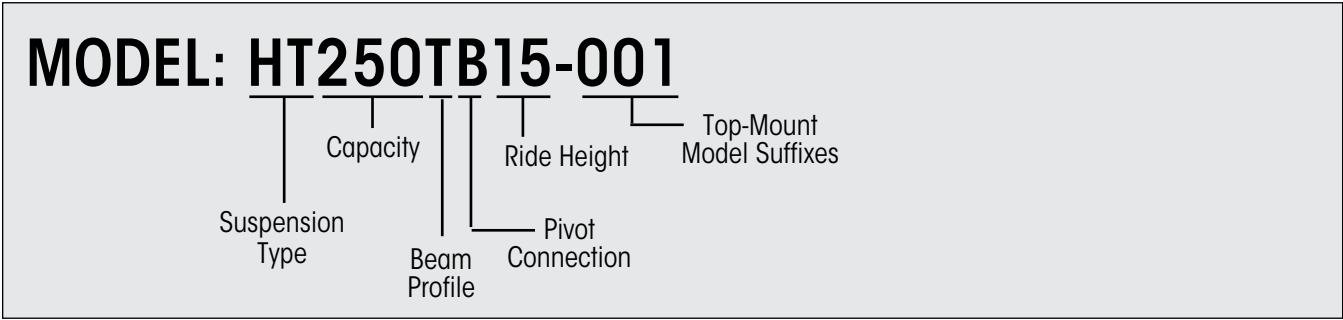
**DESCRIPTION: 9RH WO N 5 ST S**



HT SERIES HT300US/HT300YB DESCRIPTION MATRIX

<b>Frame Attachment</b>	<b>Axle Diameter</b>	<b>Shock Mount</b>
BO - Bolt-on	5 - 5.00"	R - Remote
WO - Weld-on		S - Standard Mount
<b>Assembly</b>	<b>Travel</b>	
A - Assembled	ST - Standard	
N - Nonassembled	LJ - Limited Jounce	
U1 - Unassembled	ER - Extended Rebound	
S1 - Separate Frame Kit		

HT™ SERIES





## HT™ SERIES DESCRIPTION MATRIX

### Suspension Type

HT - HT™ SERIES 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

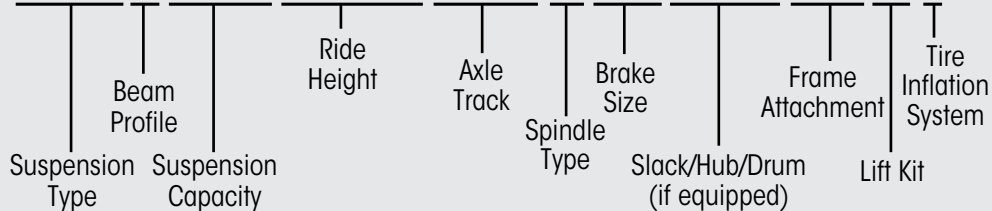
-110 - Standard Rotated Air Spring with 12.25" brakes



**CONNEX® ST**

**Model Number: CONNEXST.4**

**DESCRIPTION: CXS L 25K 14RH 860 P X7 SHD BO U -**



**CONNEX ST DESCRIPTION MATRIX**

**Suspension Type**

CXS - Self-Steer Suspension System

**Beam Profile**

L - Liffable

**Suspension Capacity**

25K - 25,000 lbs.

**Ride Height**

13 RH = 13.0"

14 RH = 14.0"

15 RH = 15.0"

16 RH = 16.0"

17 RH = 17.0"

18 RH = 18.0"

19 RH = 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**

WO - Weld-on

BO - Bolt-on

**Lift Kit**

U - UBL™ UNDER BEAM LIFT™

- (Dash) - None

**Tire Inflation System**

T - TIREMAAX® PRO or CP

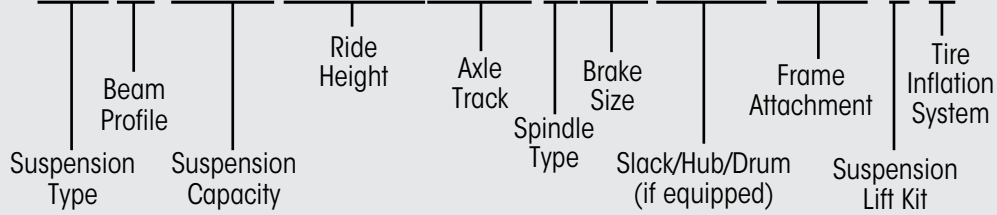
- (Dash) - None



**CONNEX®**

**Model Number: CONNEX.21**

**DESCRIPTION: CX U 23K 65RH775 PX1 SHD WO - T**



**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**  
 55 RH = 5.5"  
 65 RH = 6.5"  
 75 RH = 7.5"  
 90 RH = 9.0"  
 15 RH = 15.0"  
 17 RH = 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

**Drum Brand**  
 D - Any Brand Selection  
 - (Dash) - No Drums

**Frame Attachment**  
 WO - Weld-on  
 BO - Bolt-on

**Suspension Lift Kit**  
 U - UBL™ UNDER BEAM LIFT™  
 - (Dash) - None

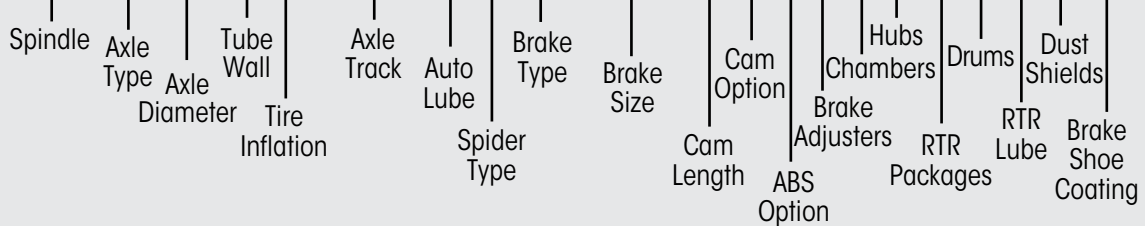
**Tire Inflation System**  
 T - TIREMAAX® PRO or CP  
 - (Dash) - None



**GENERAL GUIDELINES FOR INTERPRETING NON-INTEGRATED AXLE DESCRIPTIONS**  
**TRLAXLE®**

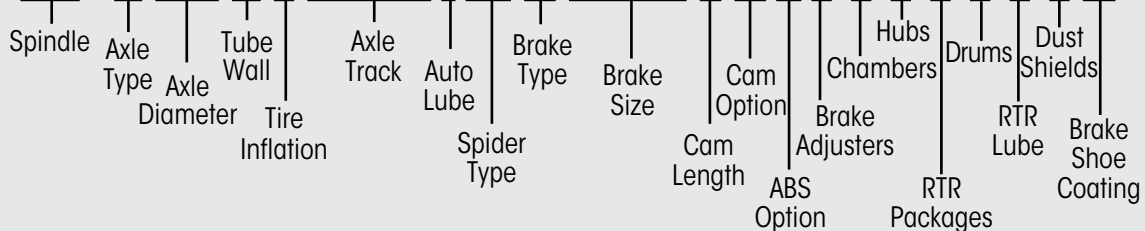
**Model Number: TRLAXLE.11885**

**DESCRIPTION: HP-S 505 T 0774-WE 1670LCBBB15CFDA**



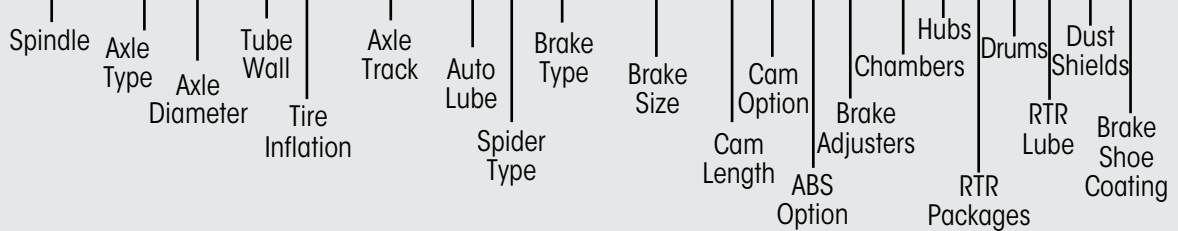
**Model Number: TRLAXLE.14669**

**DESCRIPTION: HP-S 505 - 0774-WE 1670LCB- - - - - S**



**Model Number: TRLAXLE.14670**

**DESCRIPTION: HN-S 504 - 0774-WE 1670LCBH T - - - - - S**





**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 - 5-3/4" Round

**Tube Wall**

4 - 1/2" Nominal  
 5 - 5/8" Nominal  
 H - 5/8" (Heavy Duty)  
 6 - 3/4"

**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 (1/8") 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 - 12 1/4" x 7 1/2" brakes  
 1585 - 15" x 8 5/8" brakes  
 1670 - 16 1/2" x 7" brakes  
 1685 - 16 1/2" x 8 5/8" brakes  
 415 - 415mm MAXX22T™ ADB  
 430 - 430mm ADB  
 ---- (4 Dashes) - No Brakes

**Cam Length**

S - Standard. Short Length (17 5/8")  
 M - Standard. Medium Length (20 5/8")  
 L - Standard. Long Length (23 3/4")  
 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.

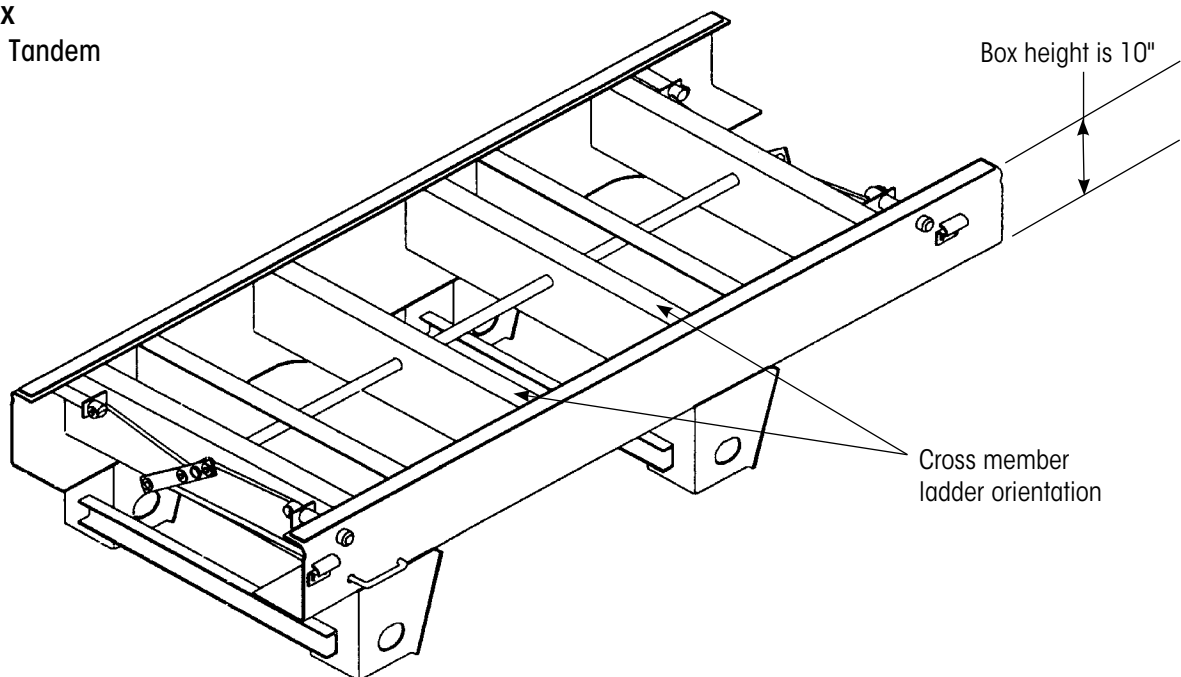
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### SLIDER SUSPENSIONS — VAN / REEFER APPLICATIONS

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 that you have.

#### HS Slider Box

- HS190/230 Tandem

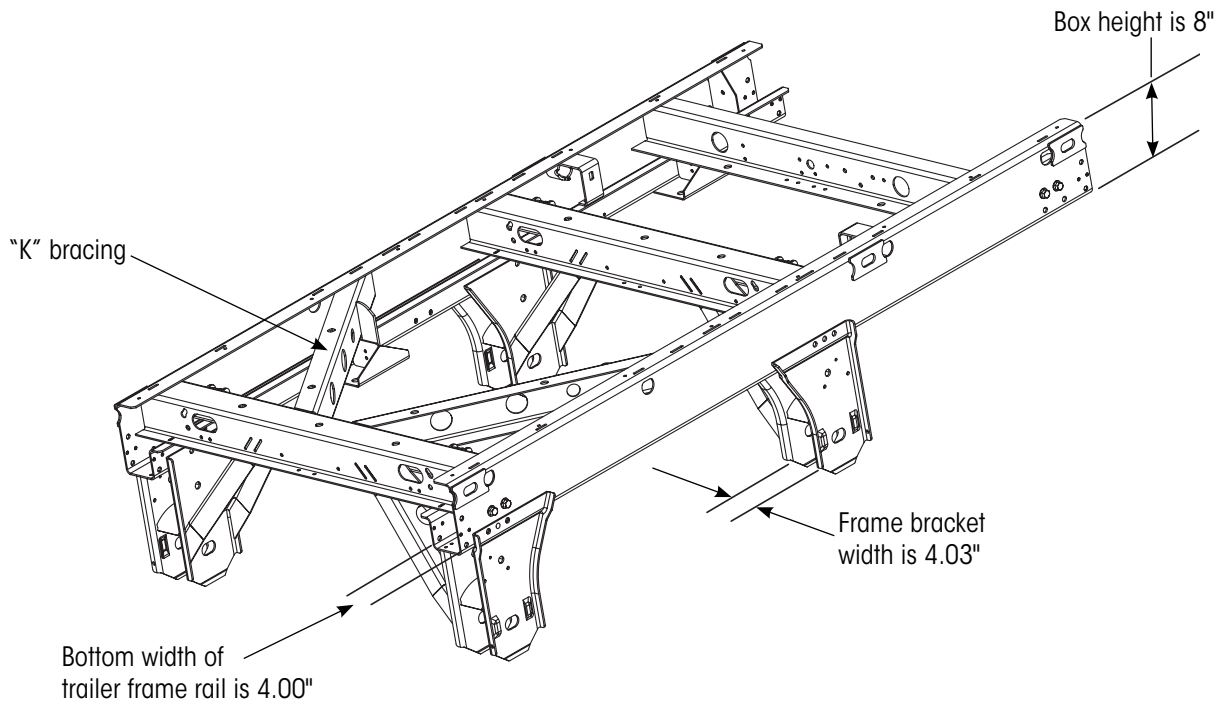






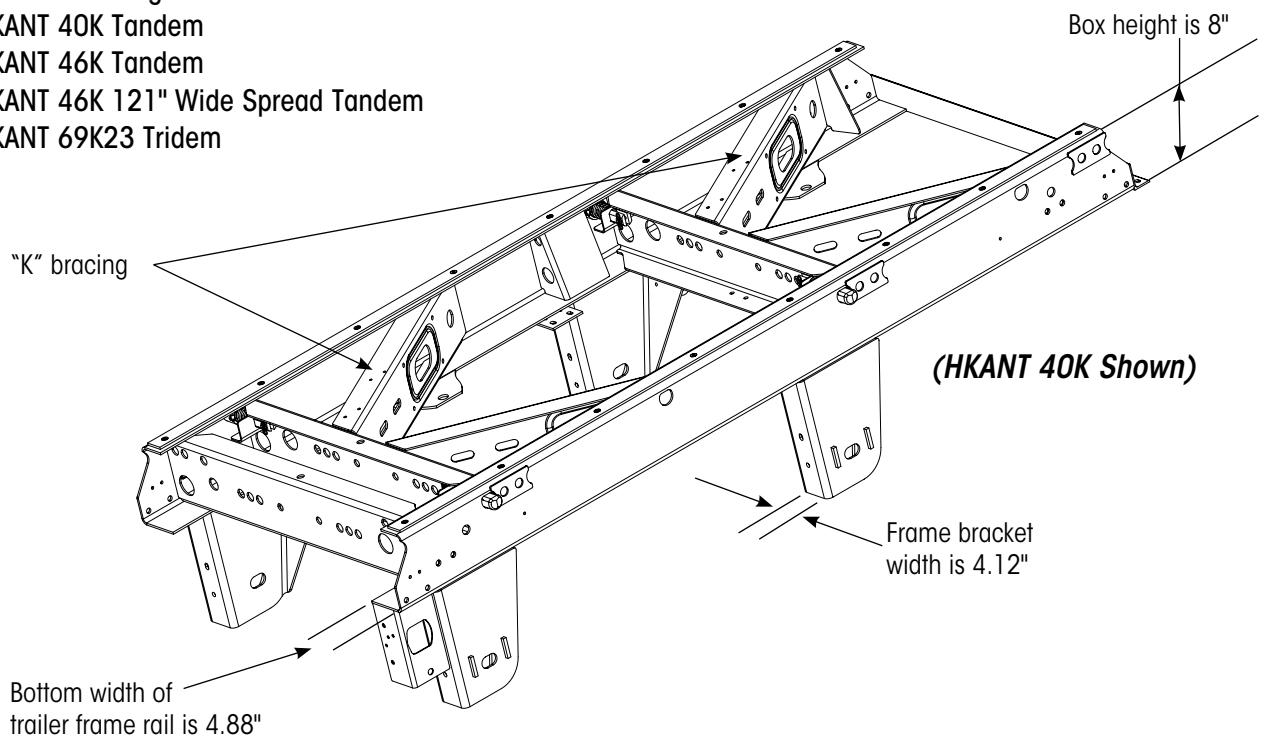
**ULTRAA-K® UTKNT Slider Box**

- UTKNT 40K Tandem



**VANTRAAX 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**

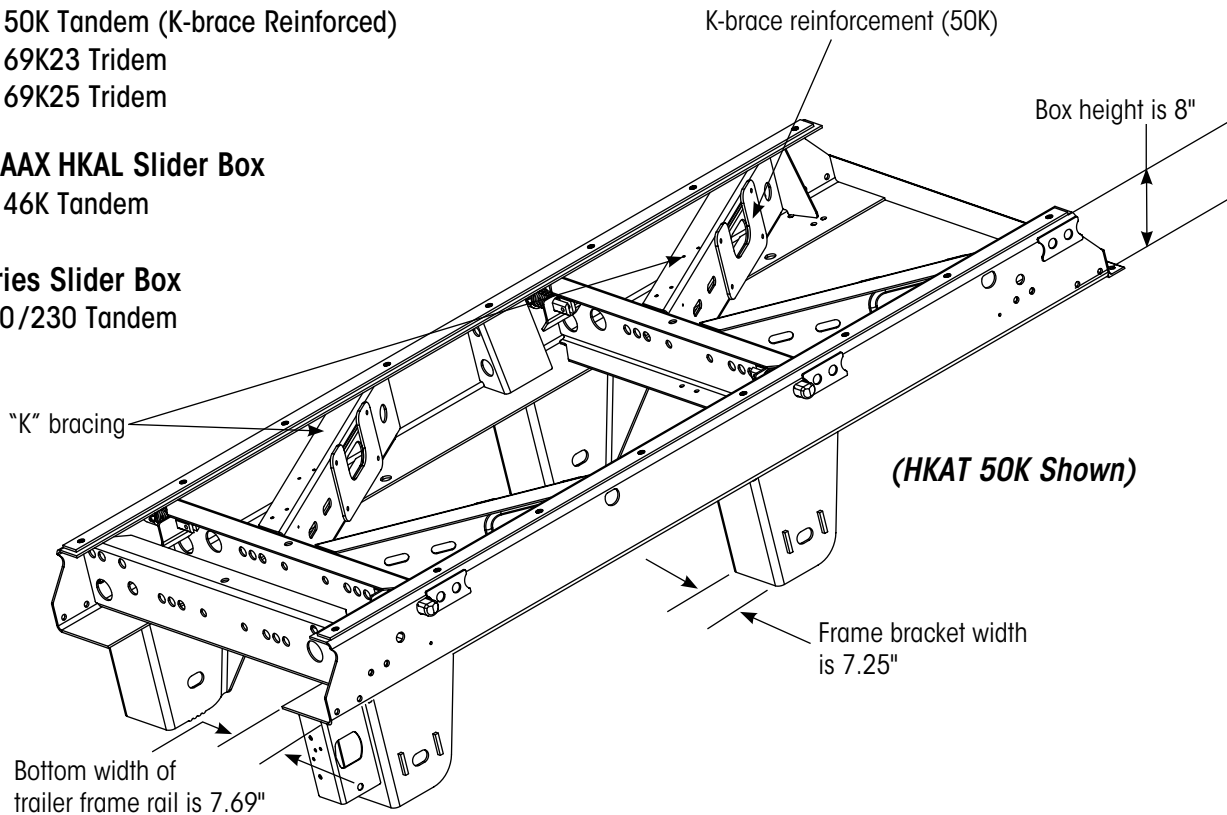
- HKAT 46K Tandem
- HKAT 50K Tandem (K-brace Reinforced)
- HKAT 69K23 Tridem
- HKAT 69K25 Tridem

**VANTRAAX HKAL Slider Box**

- HKAL 46K Tandem

**HK Series Slider Box**

- HK190/230 Tandem

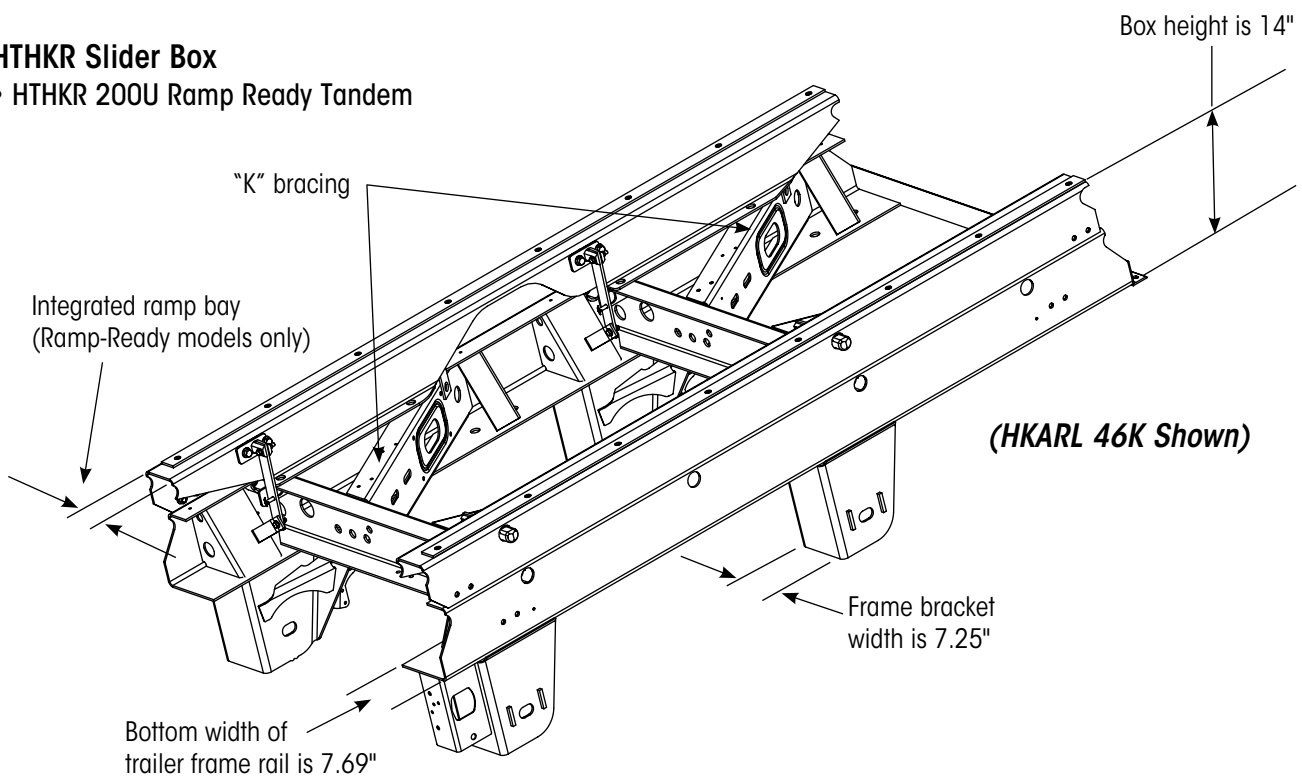


**VANTRAAX HKARL Slider Box**

- HKARL 46K Ramp Ready Tandem

**HTHKR Slider Box**

- HTHKR 200U Ramp Ready Tandem



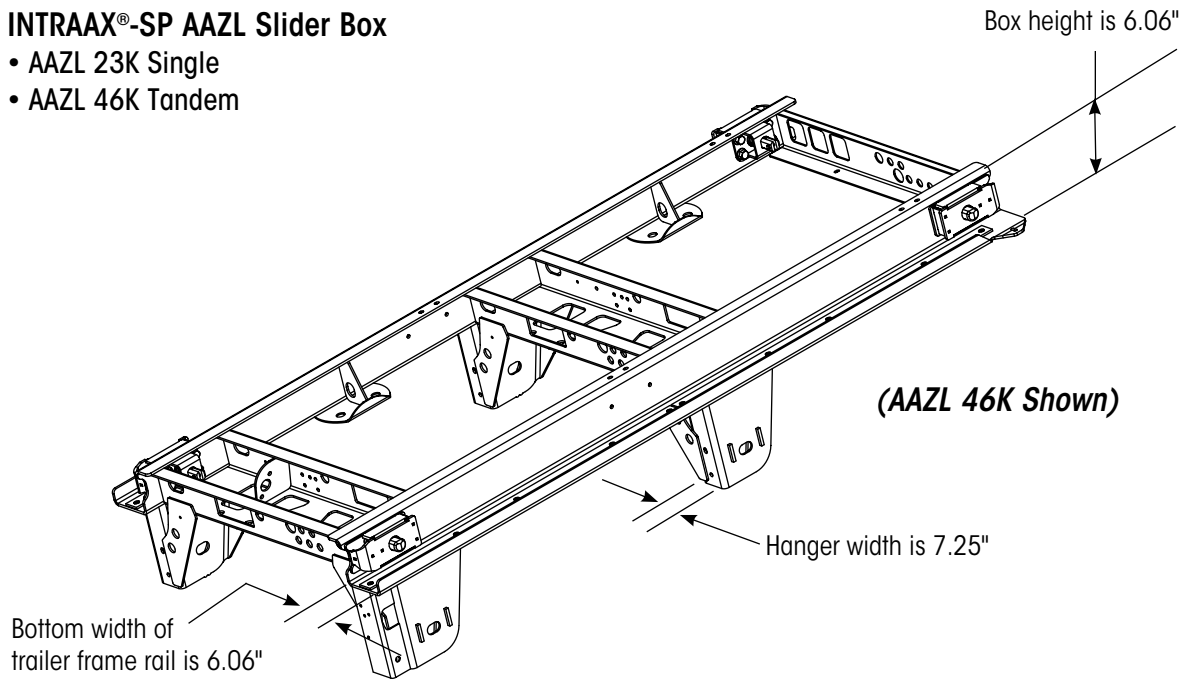


## SLIDER SUSPENSIONS — PLATFORM APPLICATIONS

Hendrickson platform slider boxes feature a "Z-rail" style box that is 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.

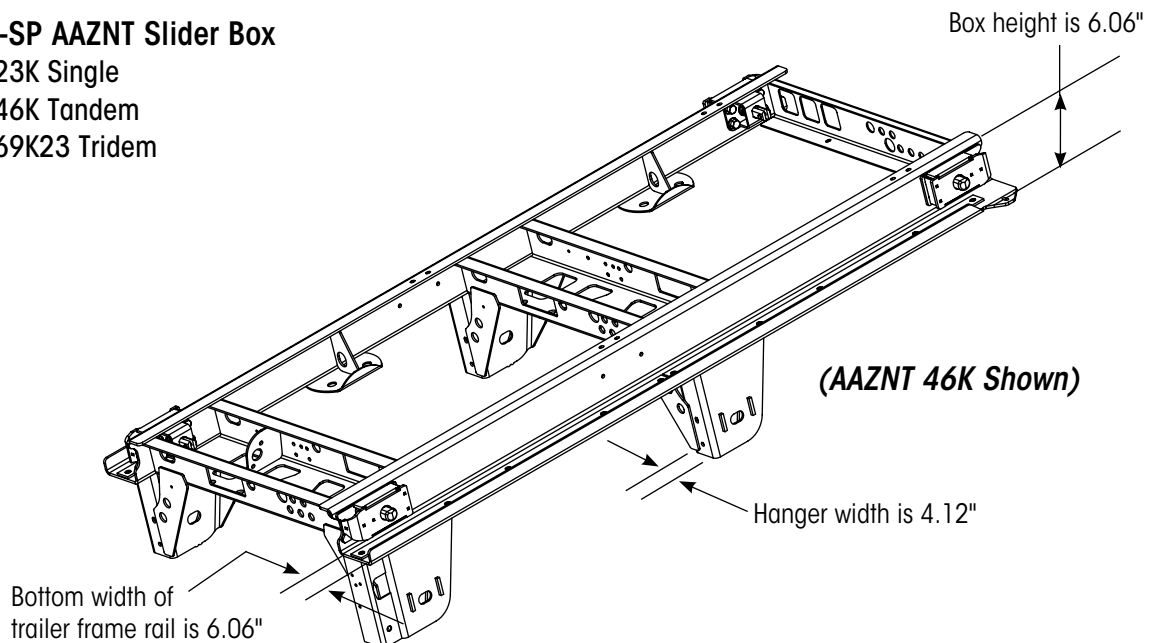
### INTRAAX®-SP AAZL Slider Box

- AAZL 23K Single
- AAZL 46K Tandem



### INTRAAX-SP AAZNT Slider Box

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



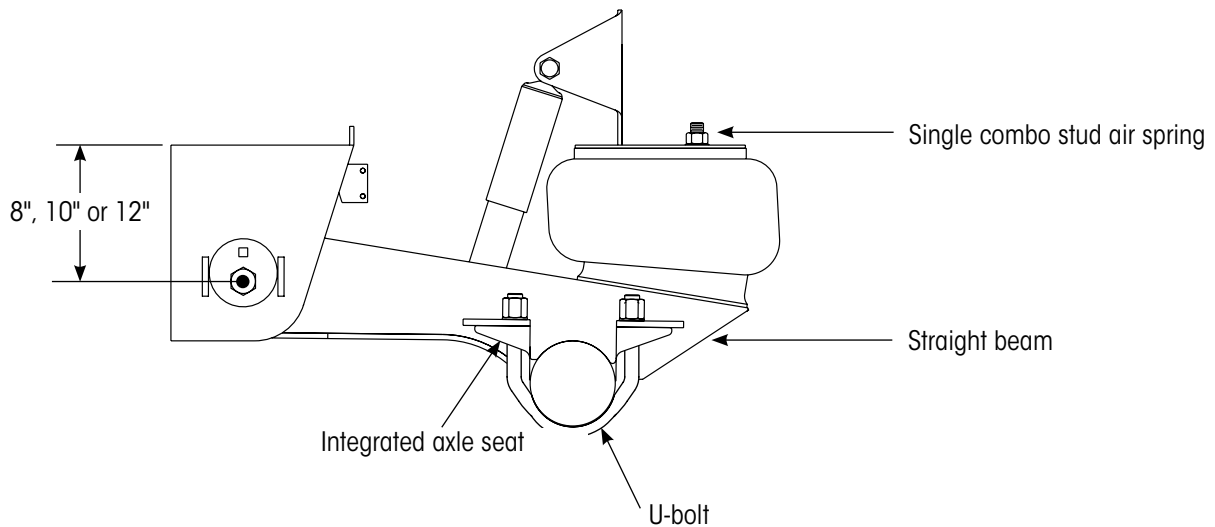
## PRIMARY SUSPENSIONS — VOCATIONAL APPLICATIONS

### 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.

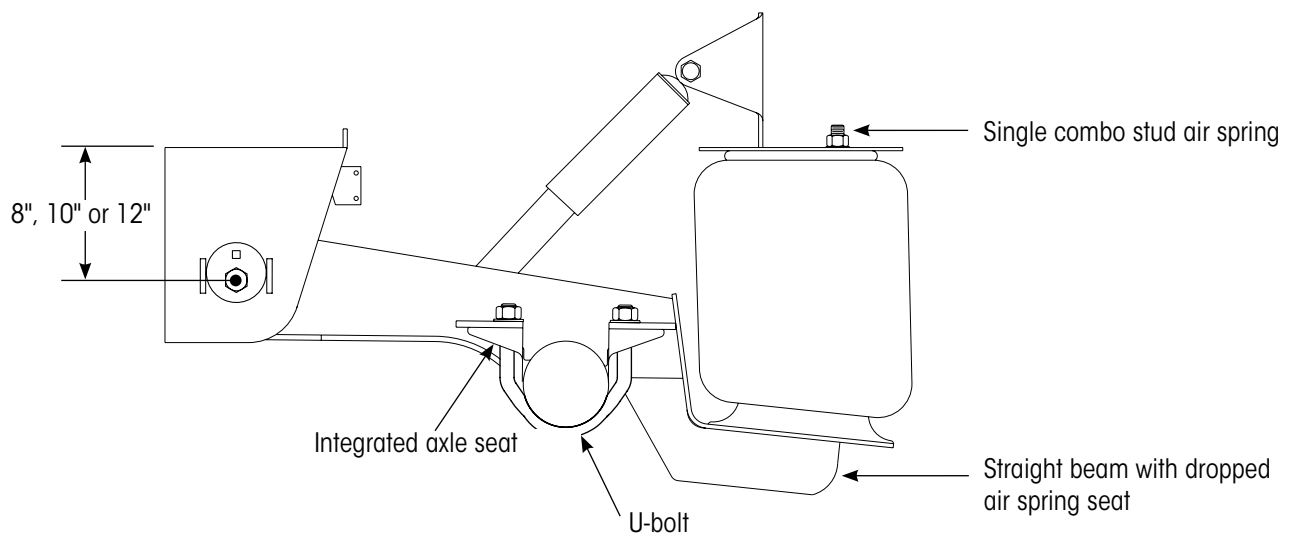
#### HT™ SERIES Top-Mount

- HT190T
- HT230T



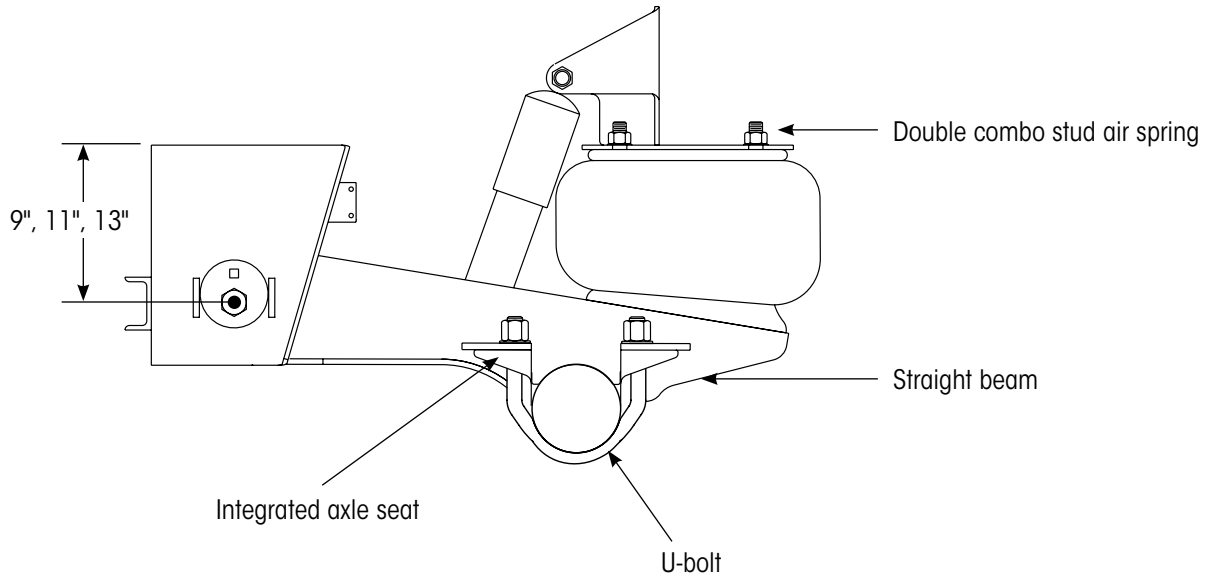
#### HT SERIES Top-Mount

- HT250T



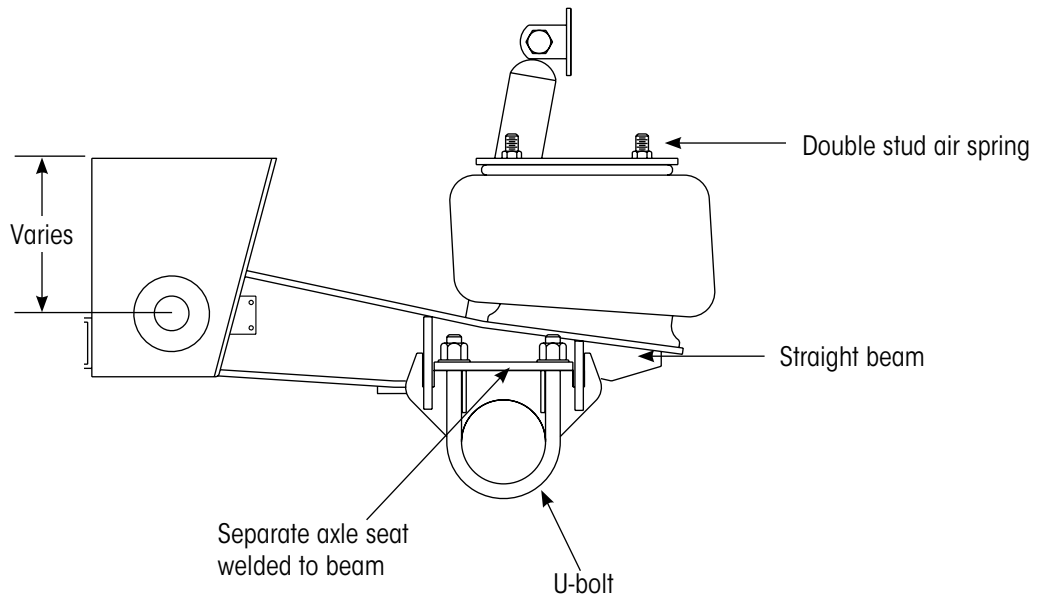


**HT™ SERIES Top-Mount**  
• HT300T



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**T Series Top-Mount (Legacy)**

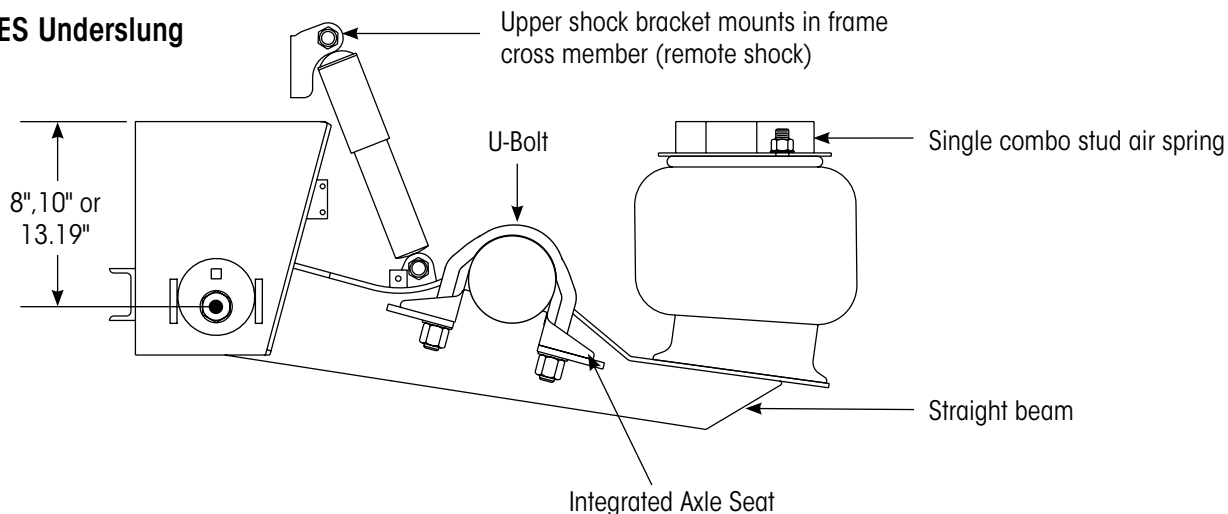


## UNDERSLUNG SUSPENSIONS

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.

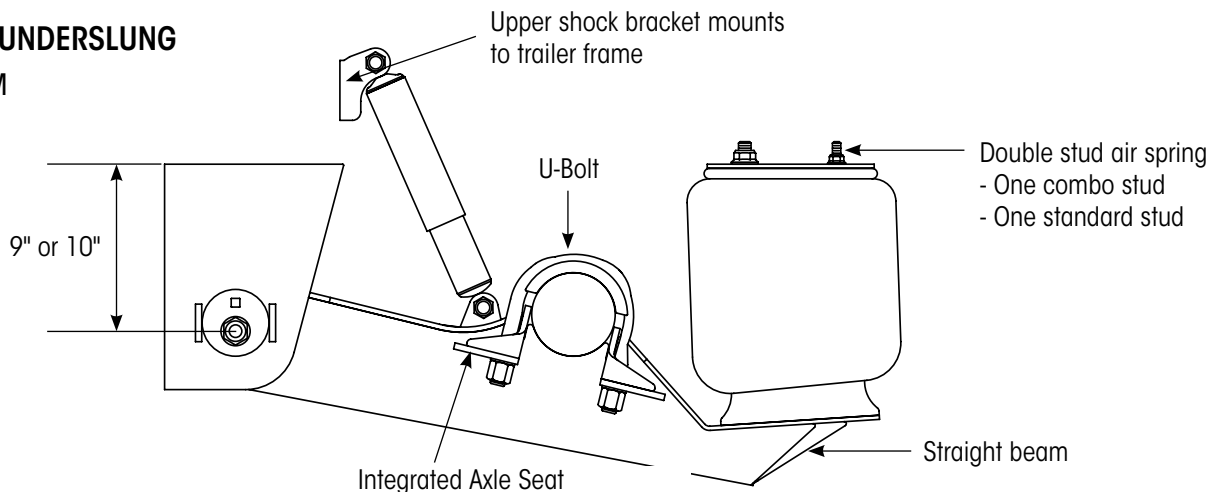
### HT™ SERIES Underslung

- HT190U



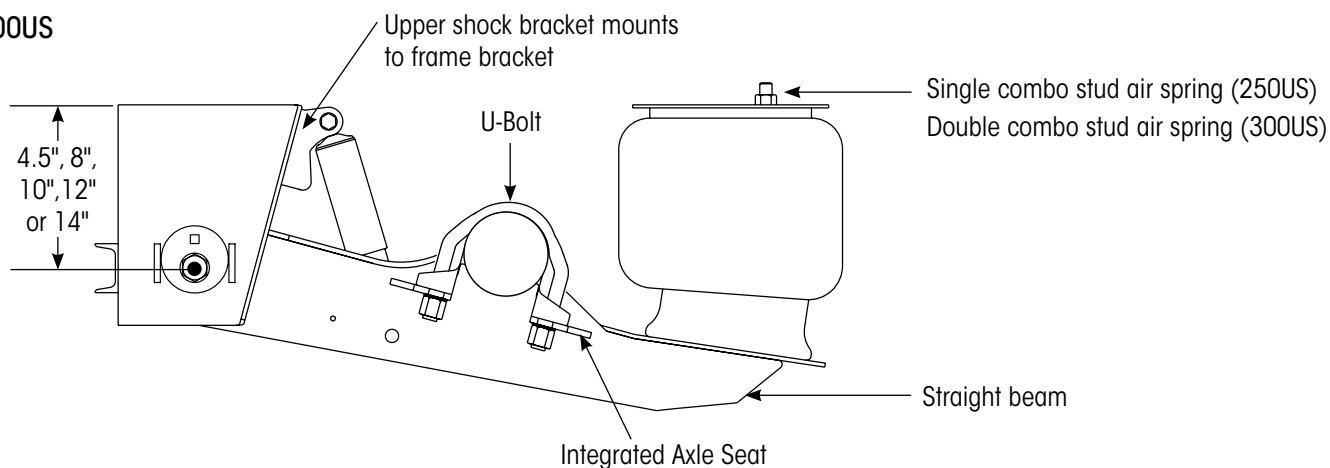
### HT SERIES UNDERSLUNG

- HT200UAM



### HT SERIES Underslung

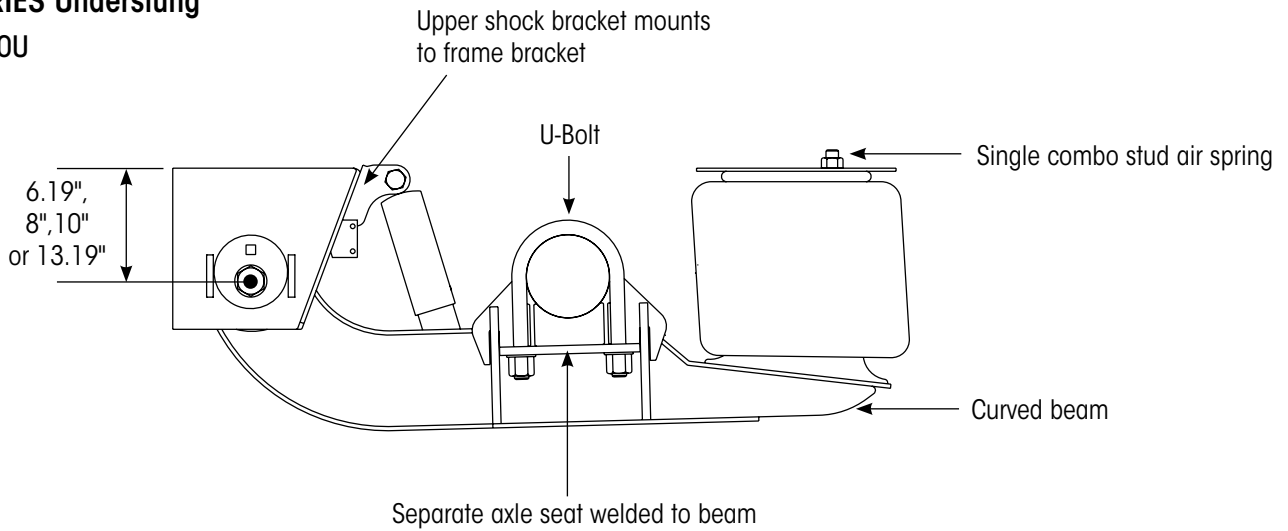
- HT250US
- HT300US





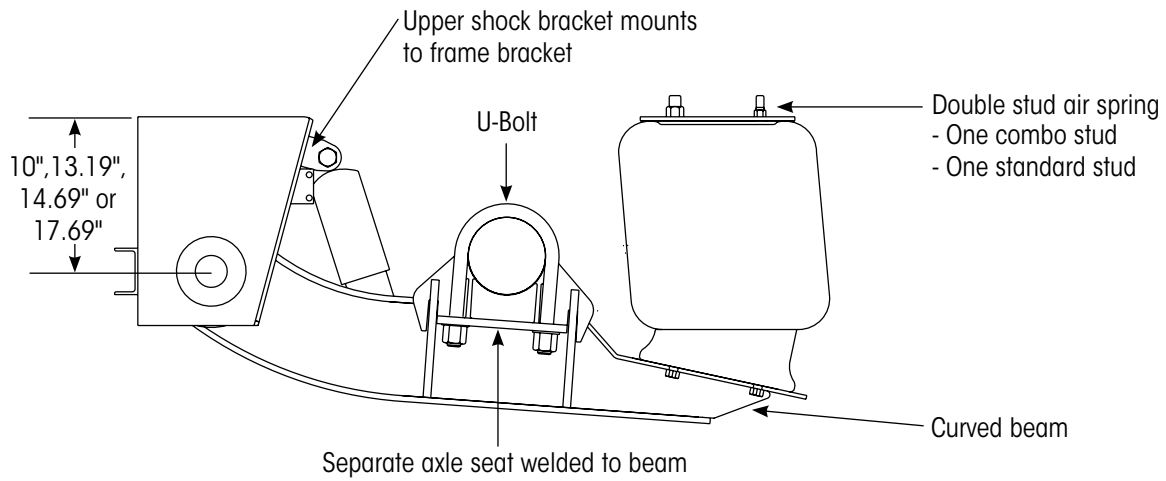
**HT SERIES Underslung**

- HT250U

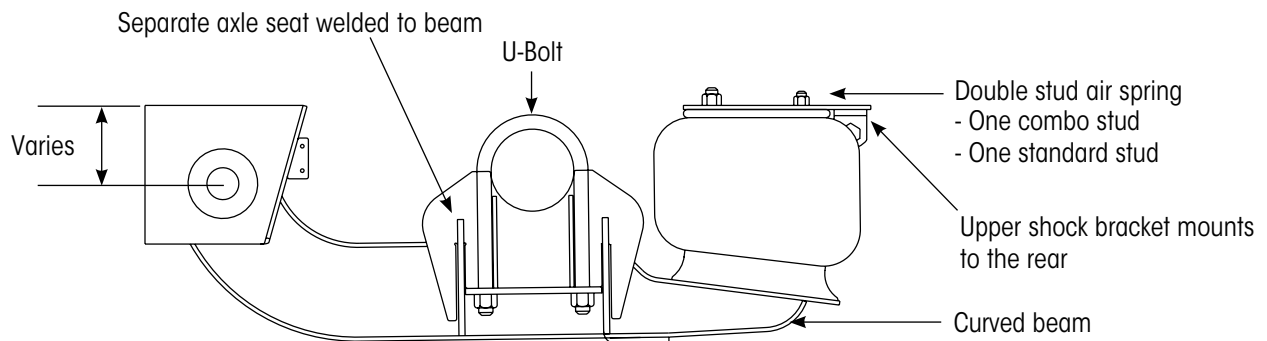


**HT™ SERIES Underslung**

- HT300U



**T Series Underslung (Legacy)**

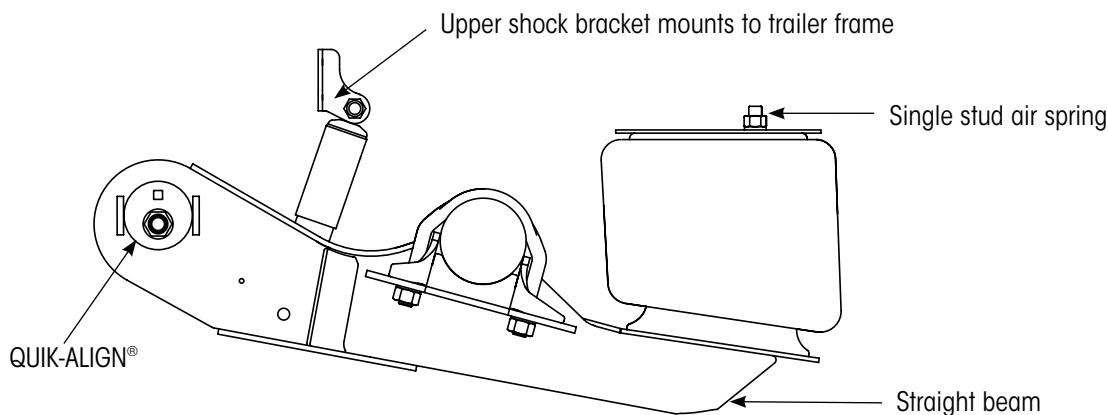


## Y-BEAM SUSPENSIONS

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.

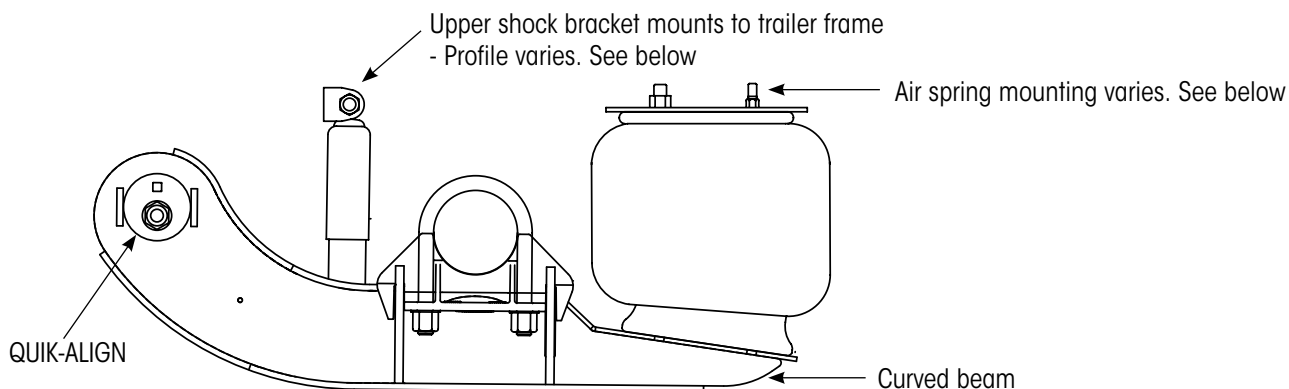
### HT SERIES Y-BEAM

- HT250YS



### HT SERIES Y-BEAM

- HT250YB
- HT300YB



#### HT250YB

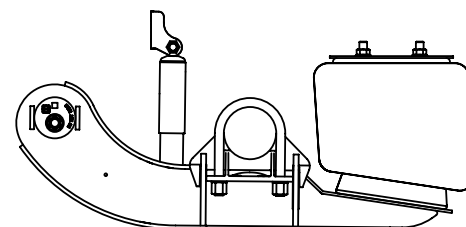
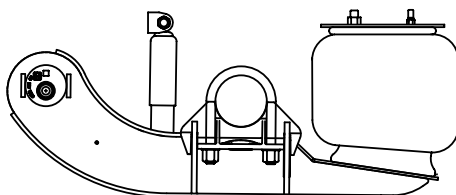
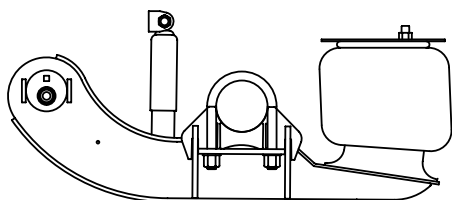
- Paired with HT250UB
- Single combo stud air spring

#### HT300YB

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

#### HT300YB

- Paired with HT300US
- Dual combo stud air spring



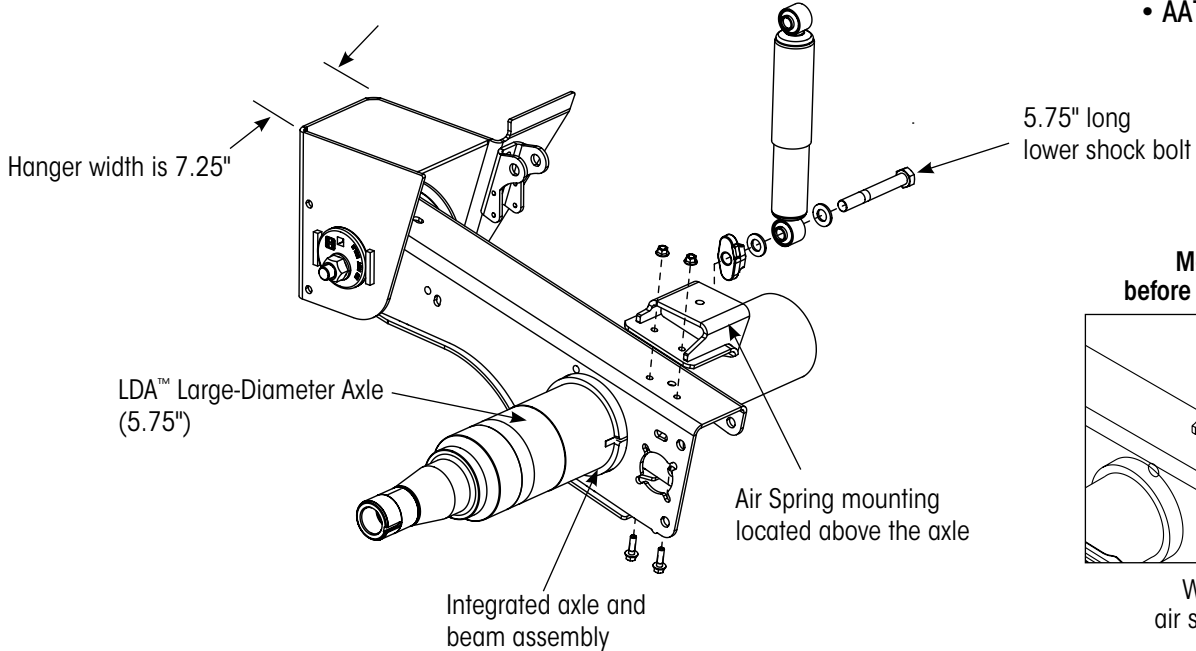




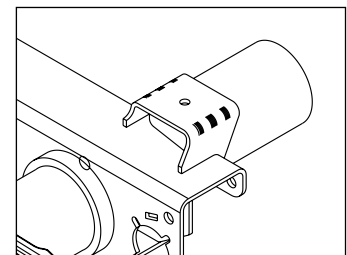
### PRIMARY SUSPENSIONS — VOCATIONAL APPLICATIONS (INTRAAX®)

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

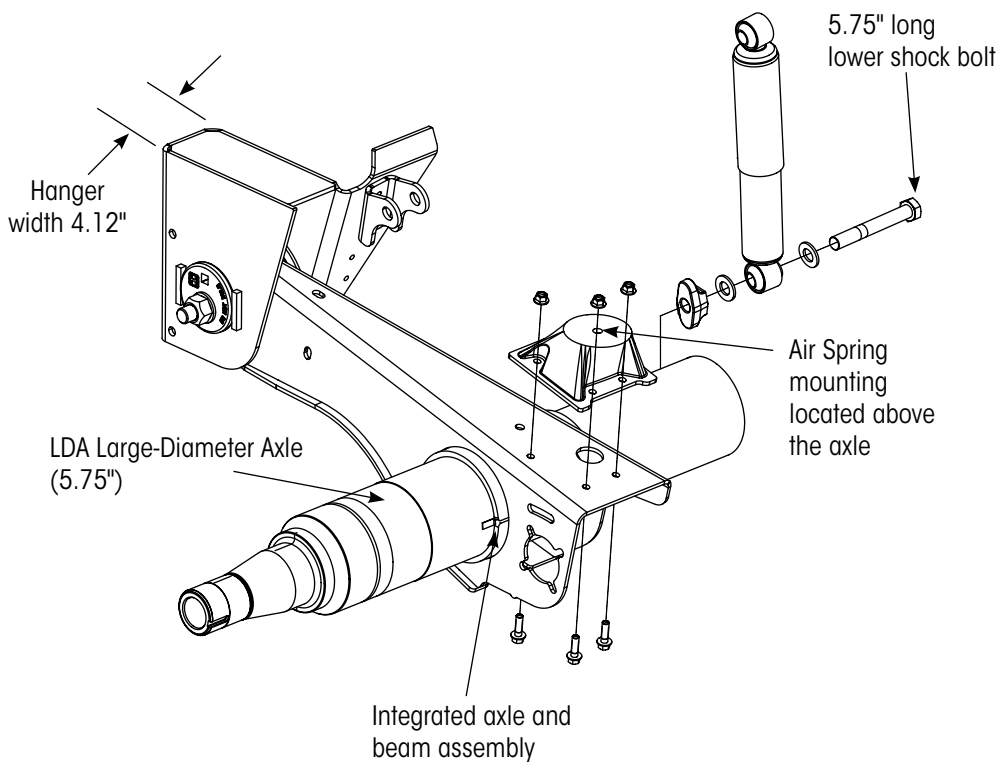


Manufactured before December 2010

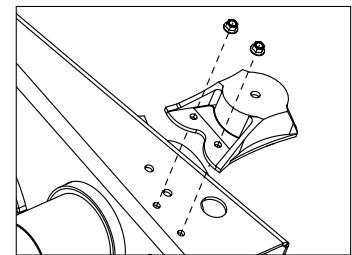


With weld-on air spring pedestal

#### INTRAAX Top-Mount • AANT 23K

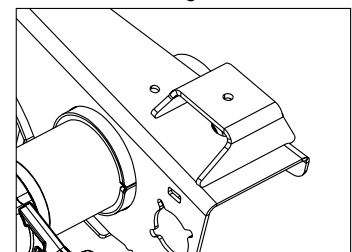


Manufactured late August 2002 through 2008



With cast, bolt-on air spring pedestal

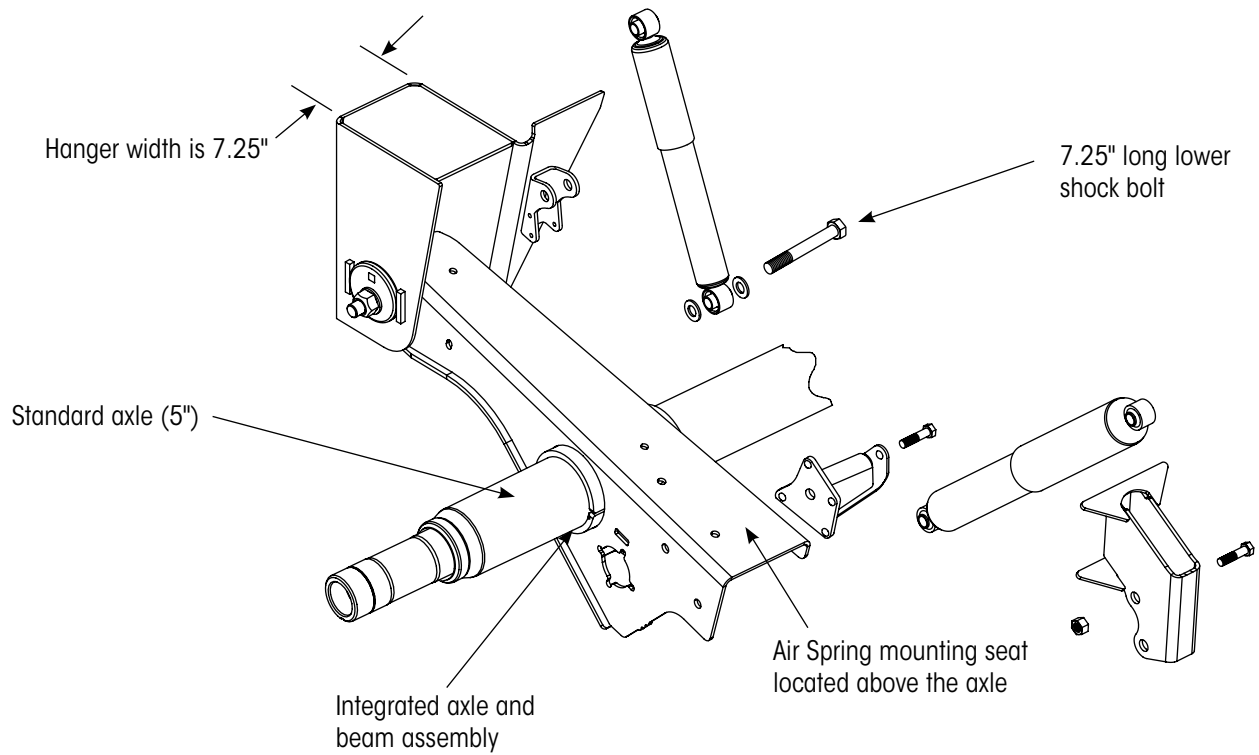
Manufactured 2001 through 2002



With 2-inch, weld-on air spring pedestal

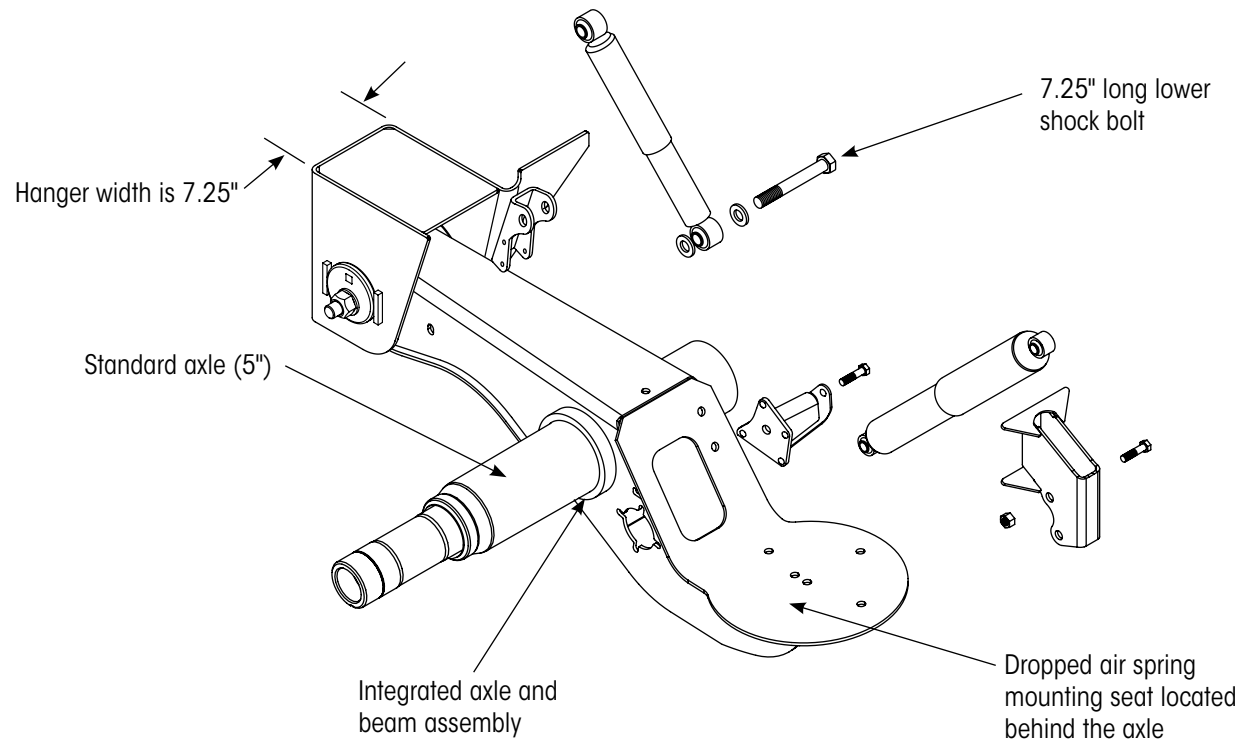
**INTRAAAX Extreme-Duty Top-Mount**

• AAEDT 30K



**INTRAAAX Extreme Duty Low-Ride/Liftable**

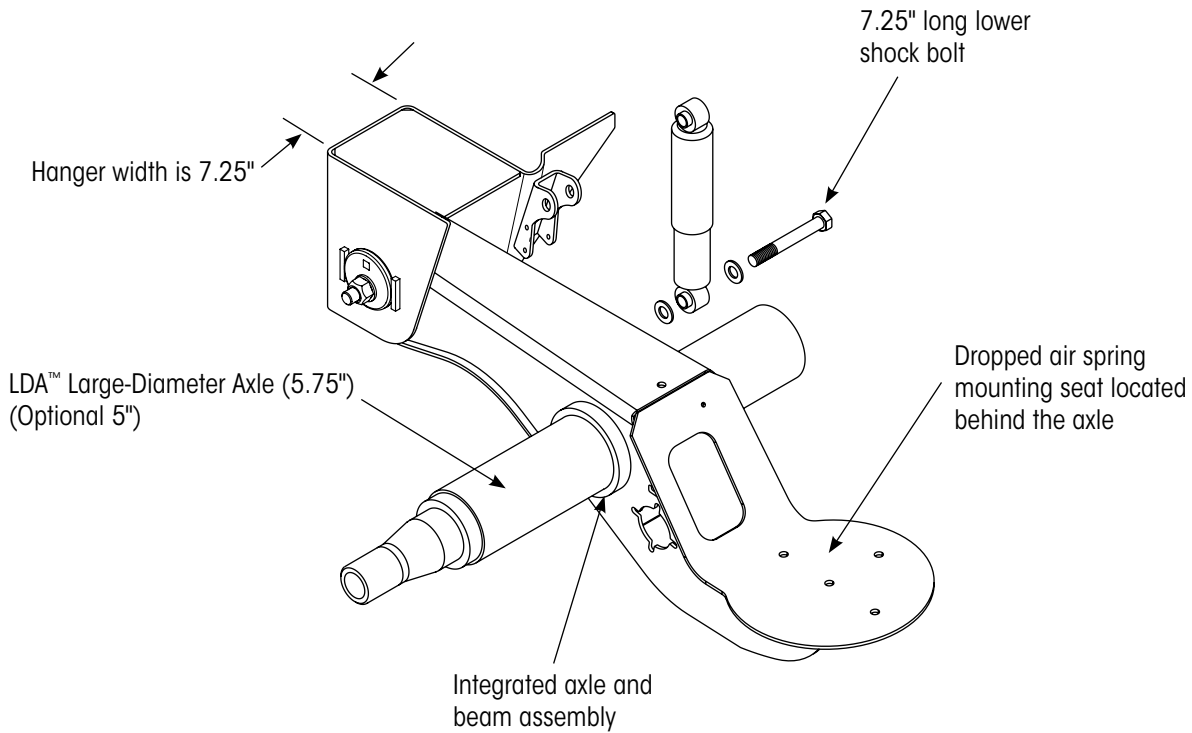
• AAEDL 30K





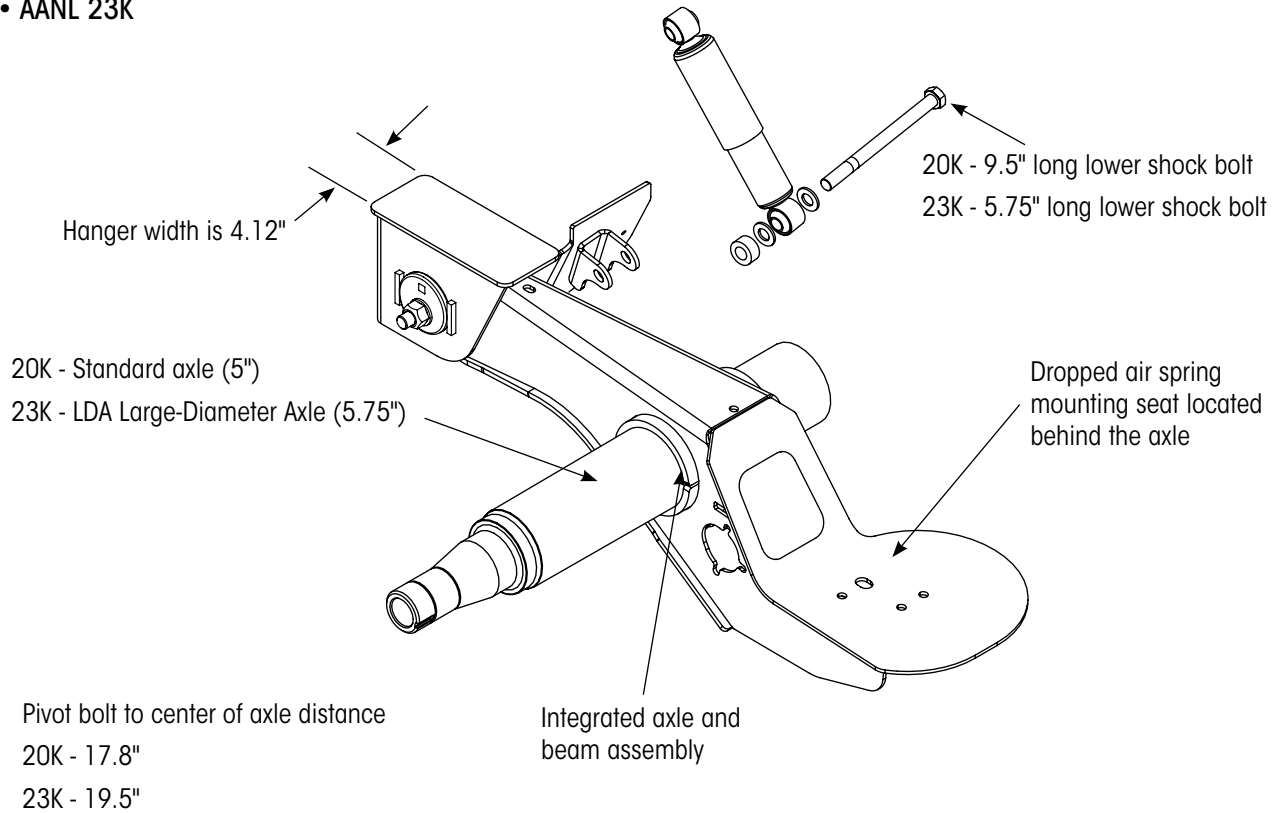
**INTRAAAX Low-Ride / Liftable**

- AAL 23K / 25K / 30K



**INTRAAAX Low-Ride**

- AANLS 20K
- AANL 23K

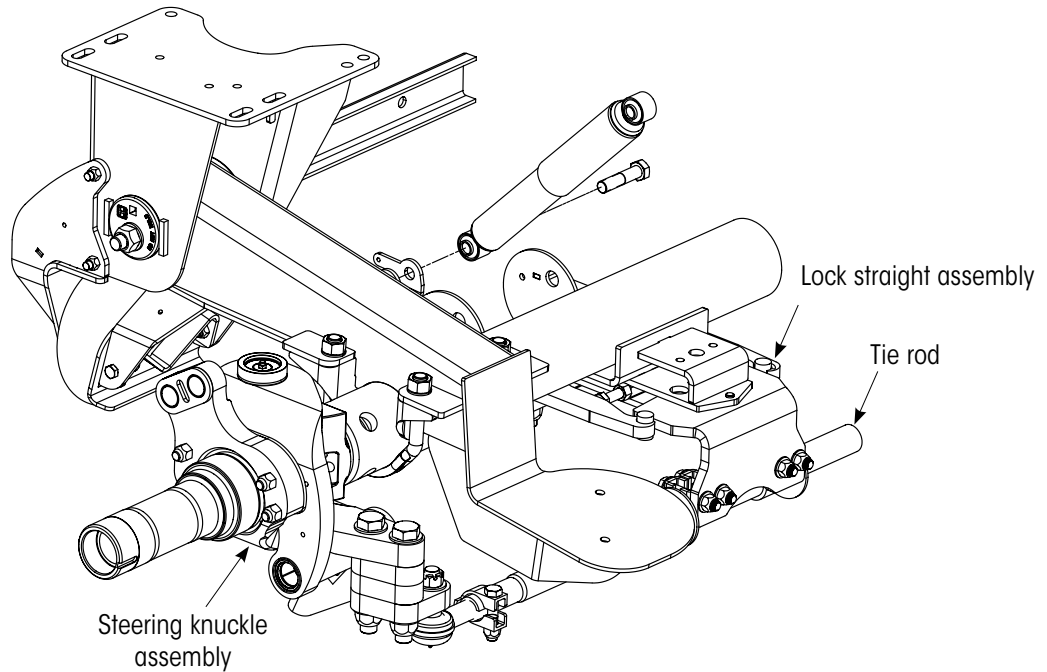


## SELF-STEER SUSPENSION — VOCATIONAL APPLICATIONS (CONNEX® ST)

Hendrickson's CONNEX ST trailer self-steer 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



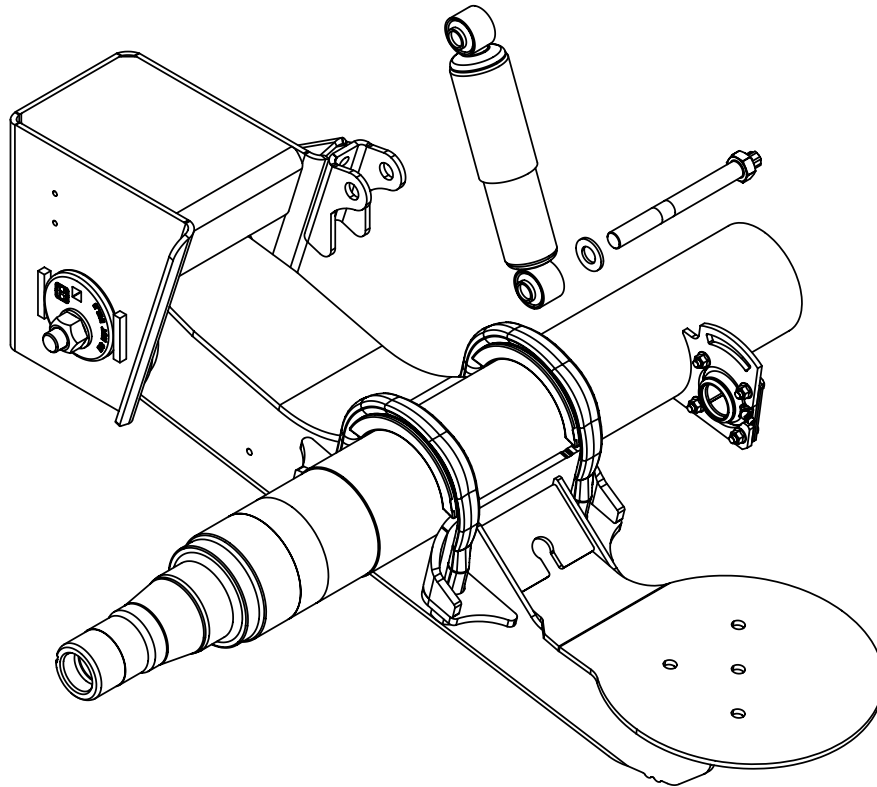


## PRIMARY SUSPENSION — VOCATIONAL APPLICATIONS (CONNEX®)

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.

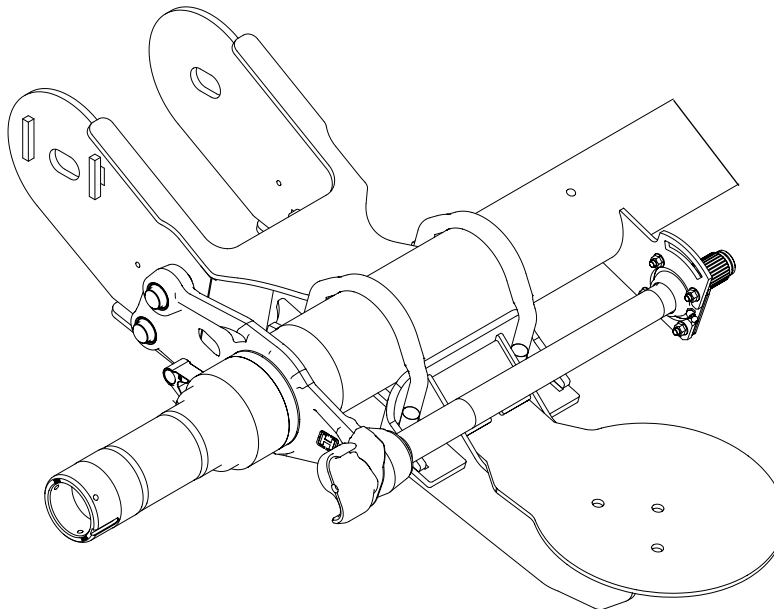
### CONNEX Underslung

- CXU 23K
- CXU 25K



### CONNEX Y-Beam

- CXY 23K
- CXY 25K







*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](http://www.hendrickson-intl.com)

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