

FOR OFFICE USE ONLY	
APPLICATION NO.	

TRUCK REAR SUSPENSION APPLICATION APPROVAL REQUEST

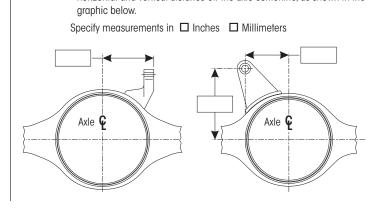
APPLICATION APPROVAL REQUESTER - REQUIRED INFORMATION (All such information provided to Rendriticson will be subject to Rendriticson Shrivery Policy posted of www.hendrickson-infl.com/privacy-policy.) Company Name Control Person SUSPENSION APPLICATION: Control Person Control Pers	SELECT ONE ☐ Vehicle Manufacturer (OEM) Req	uest 🛚 Aftermarket Suspens	ion Conversion Requ	est	ttals@hendrickson-intl.com
Company Name	DATE:	ATTN:		1.630.910.2847	
Control Person City, State, Zip Email Address	APPLICATION APPROVAL R	EQUESTER – REQUIRED INFO	RMATION	vw.hendrickson-intl.com/privacy-policy	:.)
Telephone Emoil Address Emoil Address	Company Name		Mailing Address		
VEHICLE INFORMATION SUSPENSION APPLICATION Commercial Defense Both	Contact Person		City, State, Zip		
VEHICLE INFORMATION SUSPENSION APPLICATION Commercial Delense Both	Telephone		Email Address		
Beverage Car Carrier City Dalikery Make:	·	VEHICLE INFORMATIO			
Corarier Chip Carliers Chip Carliers Constitution Model:	SELECT ALL THAT APPLY (NON-FIRE RESCUE)	SUSPENSION APPLICATION	ON: Commercial [□ Defense □ Both	
Crane / Boom	☐ Car Carrier☐ City Delivery				
Dump - Reor Dump - Side		Mayimum Load on Cusponsion (III	halt Lift Avi	los (if oquipped): Down (lbs)	Un (lhe):
Line Houl Clagger Milks (Concrete) - Front Discharge Milkser (Concrete) - Rear Discharge Oil Field Drive Asle with Discharge Oil Field Drive Asle with Tag Drive Asle Drive Drive Asle Drive Drive Asle Drive Dr	□ Dump - Rear □ Dump - Side Maximum Gross Combination Weight (GCW) (lbs): Maximum Gross Vehicle Weight (GVW) (lbs):				
Mixer (Concrete) - Front Discharge Mixer (Concrete) - Rear Discharge Mixer (Concrete) - Rear Discharge Oil Field Oil	☐ Line Haul ☐ Logger ☐ Milk	Aftermarket Conversion Request Provide current rear suspension of	t Only: on vehicle (Suspension N	/lake / Model / Series):	
Mixer (Concrete) - Rear Discharge Dirive AxLe (S) - SELECT ONE Drive AxLe with Tag Drive AxLe with Drive Drive AxLe with Tag Drive AxLe with Tag Drive AxLe with Tag Drive AxLe with Tag Drive AxLe with Drive Drive AxLe with Drive A	•	OEM Request Only: Provide Initio	ii demana quantity:	Annual demand quantity:	
Pumper (Concrete)		VEHICLE TYPE: □ Tractor with Semi-Trailer □ Straight Truck Other			
Tractor (On-highway) Tractor (Vocational) Tractor (Vocational) Tractor (Vocational) Tractor (Vocational)	□ Pumper (Concrete) □ Snow Plow - Front □ Snow Plow - Front with Wing □ Recycle □ Refuse - Front Loader □ Refuse - Rear Loader □ Refuse - Side Loader	□ 4x2 ○ ■ 6x4 ○ ■ 6x6 ■ 8x4 ○ ■ 8x6 ○ ■ 8x6	Drive Axle with Pushe □ 6x2 ○ □ 8x4 ○	r Drive Axle with Tag □ 6x2 □ □ 8x4 □ □ 0 □ 8x4 □ □ 10x4 □ 10x4 □ 10x4 □ □ 10x4 □ 10x4 □ □ 10x4 □ 10x4 □ 10x4 □ 10x4 □ □ 10x4 □	Legend:
Tractor (On-highway)					
Tractor (Vocational) Wrecker Ward Tractor Enter the dimensions A and B for the appropriate axle shown. Engine Model:		CURRENT EQUIPMENT	INFORMATION		
Make:	☐ Tractor (Vocational)	DRIVE AXLE(S) INFORMA	TION	ENGINE INFORMATIO	N - MANDATORY FOR AIR SUSPENSIONS
Static Loaded Radius (SLR): Other:		Make: Model:	Ratio:	Engine Model:	
SELECT ONE AS APPLICABLE Ambulance (Emergency) Aerial / Ladder (Emergency) Rescue (Emergency) Tanker (Emergency) Tanker (Emergency) OPERATION Country Con-Highway % Off-Road % AXLE Dim. A Dim. B Peak Torque: REAR BRAKE INFORMATION Nid Rear Drive Rear Rear Drive Dim. A Peak Torque: REAR BRAKE INFORMATION Dim. B Peak Torque: Rear Brake Disc Brake, Dia.: Or or Hydraulic Brake Drum Brake, Dia.: Width Make Model CBA/BAF On-Highway % On-Highway % On-Highway % DRIVELINE RETARDER Yes No	Other:		the appropriate axle sho	own. Transmission Model:	
Ambulance (Emergency)		AXLE	Dim. A Dim. B		
Aerial / Ladder (Emergency)	☐ Ambulance (Emergency)	Front Rear Drive		Peak Torque:	@ RPM:
Fire / Pumper (Emergency)	(0 //	Mid Rear Drive		REAR BRAKE INFORM	IATION ☐ Inches ☐ Millimeters
□ Rescue (Emergency) ITRE INFORMATION □ Tanker (Emergency) ITRE INFORMATION □ Hydraulic Brake □ Drum Brake, Dia.: Width Wake Model CBA/BAF Country Front Size: Rear Size: FMSI No.: On-Highway % On-Highway % Static Loaded Radius (SLR): Off-Road % PRORE	☐ Fire / Pumper (Emergency)	<u> </u>		☐ Air Brake ☐ Disc	Brake, Dia.:
OPERATION Make: Make	,	← B → Rear Rear Drive		or or	
Country Front Size: Rear Size: FMSI No.: On-Highway % Static Loaded Radius (SLR): Off-Road % Pear: DRIVELINE RETARDER	☐ Tanker (Emergency)	TIRE INFORMATION		☐ Hydraulic Brake ☐ Drum	ı Brake, Dia.: Width
On-Highway % Static Loaded Radius (SLR): Off-Road % Front: Regr:	OPERATION	Make:			
Off-Road % DRIVELINE RETARDER	Country	Front Size:Rear Size:		FMSI No.:	
Off-Road % Pront: Rear:	• '	Static Loaded Radius (SLR):		DDIVELIALE SETABLES	DVec DN-
		, ,	ar:	DRIVELINE RETARDER	⊔ Yes ⊔ No

TRUCK REAR SUSPENSION DESIRED - SELECT ONE

AIR SUSPENSIONS MECHANICAL SUSPENSIONS AR2™ (Air over equalizing beam) □ PRIMAAX® EX □ ULTIMAAX® □ HAULMAAX® EX (Rubber Springs) □ Conversion (Rubber Springs) ☐ Complete Suspension (Includes beam) □ RS™- 65K-120K ☐ FIREMAAX® EX □ *HAULMAAX® (Rubber Load □ ****RT**™ (Rubber Springs) Cushions) (Steel Springs) □ *HN® ☐ COMFORT AIR® □ *RTE™ (Rubber Springs) □ R[™]- 65K-120K (Steel Springs with (Solid Mount) extended leaf springs) □ HTS™ □ HAS™ Other Hendrickson Truck Suspension * Not available for new production vehicles built after January 1, 2023. ** Limited offering - 46K and 52K capacity. □ ROADMAAX® TRANSVERSE TORQUE RODS Transverse torque rods are required for all Hendrickson rear air suspensions. For those suspensions equipped with equalizing beams, refer to Hendrickson Literature No. 59310-004 or 59310-058 for mandatory use of transverse torque rods.

EQUALIZING BEAM EQUIPP	ED - OPTIONS
 If equipped with R, RS, **RT, *RTE C Bronze Center Bushing Rubber Center Bushing 	ENTER BUSHING - SELECT ONE
• END BUSHING — SELECT ONE ☐ Bar Pin End Bushing ☐ Shim Type ☐ Non-shim Type ☐ Adapter Style End Bushing	
• SHOCK ABSORBER OPTION — SELECT OF SUBSECT	ONE □ None
• LONGITUDINAL TORQUE ROD	
OPTIONS — SELECT ONE	TORQUE ROD AXLE BRACKET
☐ Use existing longitudinal torque rod ☐ TWO-PIECE ☐ ONE-PIECE — Provide torque rod length (center to center)	Furnished by Axle Manufacturer What type: Straddle Thru Bolt
☐ Inches ☐ Millimeters Front Torque Rod Length	Bracket Part No

TORQUE ROD AXLE BRACKET **OPTIONS** – SELECT ONE Furnished by axle manufacturer ☐ Use existing transverse torque rod Part of axle ☐ Yes ☐ No ☐ TWO-PIECE ☐ ONE-PIECE — Provide torque rod If yes, what type: length (center to center) ☐ Straddle ☐ Taper ☐ Thru Bolt ☐ Inches ☐ Millimeters ***Bracket Part No _ Front Torque Rod Length_ Rear Torque Rod Length FRAME BRACKET ☐ Straddle ☐ Taper NOTE: *** If the torque rod bracket part number is not available, provide the horizontal and vertical distance off the axle centerline, as shown in the



Rear Torque Rod Length

TORQUE ROD FRAME BRACKET ☐ Straddle ☐ Taper

CURRENT REAR SUSPENSION AND RELATED MEASUREMENTS - FILL IN ALL APPLICABLE MEASUREMENTS

DIAGRAM A

Specify measurements in □ Inches □ Millimeters

Specify measurements in □ Inches □ Millimeters

A1 Frame Width (Frame Rail to Frame Rail)

A2 Section

A3 Flanae

A4 Liner Thickness

A5 Frame Thickness

A6 Centers, as applicable □ Dowel Pin Centers

☐ Beam Hanger Centers

REAR TIRES

A7 Inside Walls

A8 Track

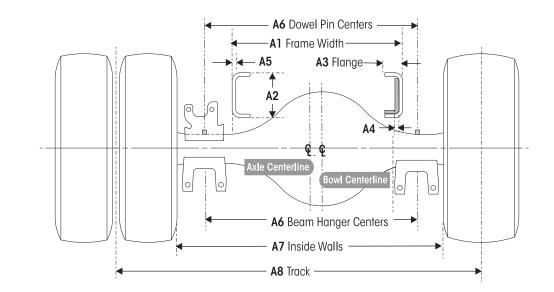


DIAGRAM B

B1 Empty Height (Bottom of Frame to Ground)

B2 Loaded Height (Bottom of Frame to Ground)

B3 Empty Height (Bottom of Frame to Centerline of Axle)

B4 Loaded Height (Bottom of Frame to Centerline of Axle)

B5 Empty Frame Slope (Not Shown)

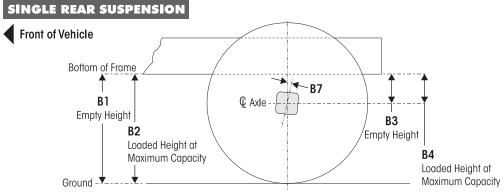
B6 Loaded Frame Slope __ (Not Shown)

B7 Front Pinion Angle

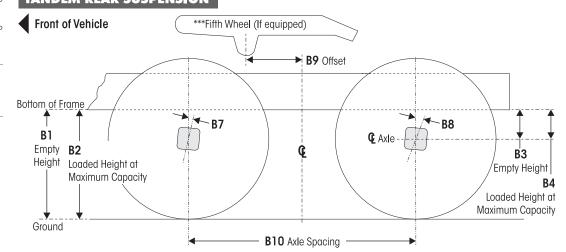
B8 Rear Pinion Angle _

B9 Offset (Measurement required only if fifth wheel equipped)

B10 Rear Drive Axle Spacing



TANDEM REAR SUSPENSION





ADDITIONAL INFORMATION / CONCERNS PLEASE PRINT					

WARNING

ADHERE TO THE PUBLISHED CAPACITY RATINGS FOR THE SUSPENSION. ADD-ON AXLE ATTACHMENTS AND OTHER LOAD TRANSFERRING DEVICES, SUCH AS LIFTABLE AXLES, CAN INCREASE THE SUSPENSION LOAD ABOVE ITS RATED AND APPROVED CAPACITIES, WHICH CAN RESULT IN COMPONENT DAMAGE, ADVERSE VEHICLE HANDLING, AND POSSIBLE PERSONAL INJURY OR PROPERTY DAMAGE.

TERMS AND CONDITIONS

This Truck Rear Suspension Application Approval ("Approval") by Hendrickson Truck Commercial Vehicle Systems ("Hendrickson") is subject to, at minimum, the following terms and conditions:

- 1. This Approval is (i) general in nature, (ii) based solely upon the above-referenced information as provided by the REQUESTER and without Hendrickson's first-hand knowledge of such information, and (iii) does not account for any additional information regarding the subject vehicle's operating condition and configuration, or any unauthorized modifications or repairs that may have been conducted.
- 2. The subject application(s) and the installation, operation, service and maintenance of Hendrickson suspension systems and related components must comply with all applicable written capacity ratings, specifications, instructions and guidelines from Hendrickson and the respective vehicle manufacturer. Contact Hendrickson for any additional copies of its applicable written materials.
- 3. This Approval does not account for, nor shall Hendrickson in way be responsible for, any adverse effect on the suspension's form, fit or function or any damages due to improper installation, operation, service or maintenance, unauthorized modification, neglect, accident, misuse, or operation beyond the written capacity ratings of the suspension system or the vehicle to which such equipment and components are attached.
- 4. This Approval is null and void if (I) any of the information provided by the REQUESTOR is incorrect or incomplete, or (ii) there is any deviation from the applicable written capacity ratings, specifications, instructions and guidelines from Hendrickson and the respective vehicle manufacturer regarding the installation, operation, service and maintenance of the suspension systems and related components.
- THIS APPROVAL DOES NOT CONSTITUTE AN EXPRESSED OR IMPLIED WARRANTY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
- 6. Hendrickson reserves the right to modify this Approval, and any recommendations and/or prices if the above-referenced information provided by the REQUESTOR changes in any way. The REQUESTOR shall immediately notify Hendrickson's Engineering Department in writing of any/all changes in such information (including, but not limited to, vehicle frame, height, load, rear axle and tire size) that may affect the suspension.
- Hendrickson may need to obtain additional information from the REQUESTER, depending upon the scope and nature of the proposed application.

REQUESTER				
Authorized Contact Person		Title		
Signature		Date		
FOR OFFICE USE ONLY				
Rear Suspension Recommended:			BOM Number:	APPLI
Approved by:	Date:		Customer Number:	APPLICATION NO.
Comments:			CN Number:	NO.

Call Hendrickson at 1.866.755.5968 (toll-free) or 1.630.910.2800 for additional information.

HHENDRICKSON

www.hendrickson-intl.com

TRUCK COMMERCIAL VEHICLE SYSTEMS

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