HENDRICKSON

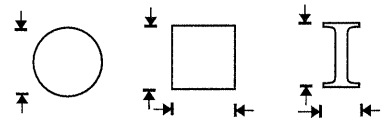
Truck Suspension Systems
800 South Frontage Road
Woodridge, IL 60517-4904 U.S.A.

1-630-910-2800
Toll Free 1-877-611-8800
www.hendrickson-intl.com

REAR SUSPENSION APPLICATION APPROVAL REQUEST

58990-

DATE:	**APPLICATION APPROVAL REQUESTER** *(Please provide the following information)*
ATTN:	Company Name:
Send Fax to: **1-630-910-2097** Sales Engineering Department	Contact Person:
	Telephone: Fax:
	Mailing Address:
	City, State, Zip:
	E-mail Address:

VOCATION		**VEHICLE INFORMATION**			
☐ City Delivery	☐ Refuse - Rear/Side	**VIN #**			
☐ Construction	☐ Refuse - Front Loader	☐ Tractor w/Semi-Trailer	☐ Bus Coach	**Auxiliary Axle**	**Other**
☐ Crane Carrier	☐ Refuse - Roll Off	☐ Straight Truck	☐ Other	☐ A - 6x2 Pusher ○●	☐ F - 4x2 ○●
☐ Dry Freight	☐ Rescue/Ambulance	☐ Truck w/Full Trailer	☐ Auxiliary Axle/Other	☐ B - 6x2 Tag ○●○	☐ G - 6x4 ○●●
☐ Dump	☐ School Bus	Un-sprung Weight		☐ C - 8x4 Pusher ○●●	☐ H - 6x6 ●●●
☐ Fire Department	☐ Snowblower/Snowplow	Maximum Load on Suspension (at the ground)		☐ D - 8x4 Tag ○●●○	☐ I - 8x4 ○○●●
☐ Heavy Haul	☐ Transmit Mix	Max.GCW	Max.GVW	☐ E - 10x4 Pusher ○○●●	● = Drive Axle
☐ Mining	☐ Tanker	Wheel Base		☐ Front Engine ☐ Rear Engine	
☐ Logging	☐ Yard Tractor	**EQUIPMENT DESCRIPTION**			
☐ Oil Field	☐ RV	**DRIVE AXLE INFORMATION**		**TIRE INFORMATION**	
☐ Other	☐ Commercial Bus	Make		Make	
■ Vehicle Model		Model		Front Size	Rear Size
■ Number of Units		Ratio		Front SLR	Rear SLR
■ Description of Operation		INSTRUCTIONS: Enter the dimensions for the appropriate axle shown.		**ENGINE INFORMATION** (Mandatory for Air Suspensions)	
				Engine Model	
■ Country of Operation				Transmission Model	
				Peak HP @ Gov RPM	@
				Peak Torque @ RPM	@

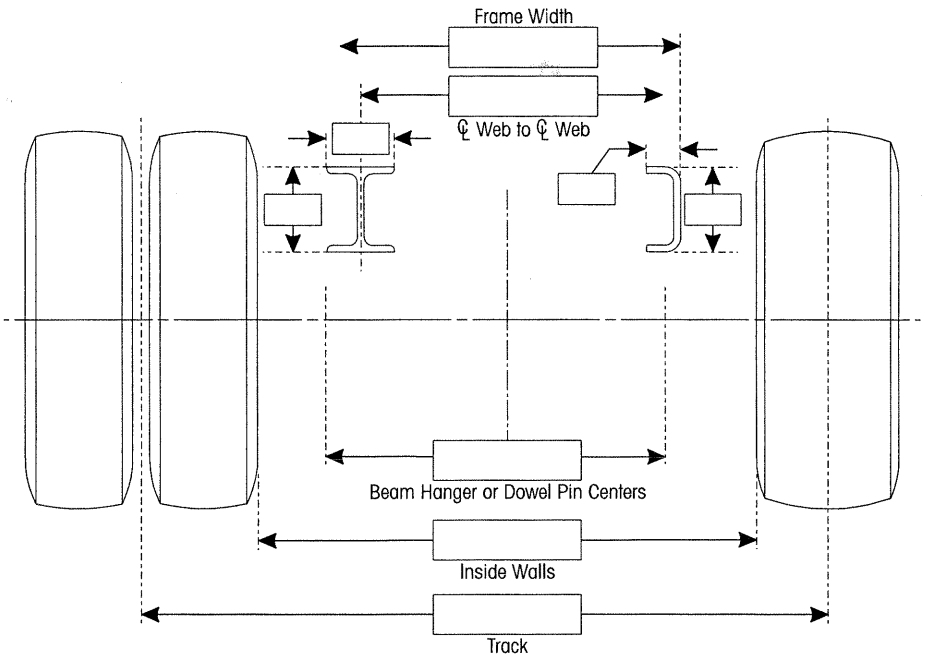
REAR SUSPENSION DESIRED			**EQUALIZING BEAM OPTIONS**	
WALKING BEAM SUSPENSIONS[1]	**AIR SUSPENSIONS**	**OTHER SUSPENSIONS**	**FOR WALKING BEAM SUSPENSIONS**	
☐ **AR2**[2,3] (Air Ride Walking Beam)	☐ **PRIMAAX**[3,4] (Air Springs)	☐ **HTB** (Mechanical)	**PICK ONE CENTER BUSHING**[2]	**PICK ONE END BUSHING**
☐ **HAULMAAX**[2,3] (Rubber Springs)	☐ **HAS**[3,4] (Air Springs)	☐ **HFS** (Four Springs)	☐ Bronze Center Bushing	☐ Bar Pin End Bushing -Shim Type
☐ **HN**[2,3] (Rubber Springs)	☐ **COMFORT AIR**[3,4] (Air Springs)	☐ **T** (Crane Carrier Solid Mount)	☐ Rubber Center Bushing	☐ Bronze End Bushing
☐ **RT** (Steel Springs)	☐ **HTB**[4] (Air)	☐ Other		☐ Through Bolt End Bushing
☐ **RTE** (Two Stage Steel Springs)	**NOTES:** [1] Pinion angle information is not required for walking beam suspensions.			
☐ **RS** (Rubber Load Cushions)	[2] Center bushings are not required for HAULMAAX or HN walking beam suspensions.			
☐ **R** (Solid Mount)	[3] Transverse torque rods required.			
	[4] Pinion angle information required.			

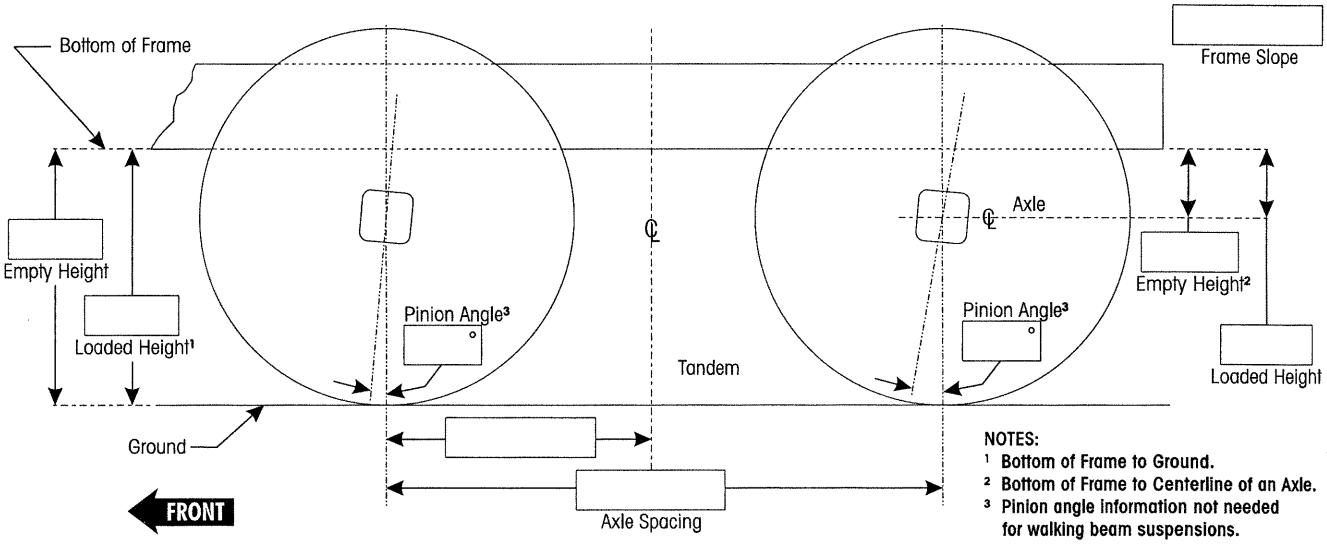
Furnished By Axle Manufacturer		**MISCELLANEOUS COMPONENTS**			
Beam Hanger Brackets	**Torque Rod Axle Bracket**	**Torque Rod Frame Bracket**	**Torque Rod Length** (measure center to center)	**Transverse Rod Axle Bracket**	**Transverse Rod Length**
Part of Axle ☐ Yes ☐ No	Part of Axle ☐ Yes ☐ No	☐ Straddle ☐ Taper		Part of Axle ☐ Yes ☐ No	Front
Drop	If yes, what type ☐ Straddle ☐ Taper		Front	If yes, what type ☐ Straddle ☐ Taper	Rear
Width Between Legs			Rear		

FOR OFFICE USE ONLY			58990-
Rear Suspension Recommended:		B/M Number:	
Approved by:	Date:	Customer Number:	
Comments:		CR Number:	

REAR SUSPENSION APPLICATION APPROVAL REQUEST

DIMENSIONAL DIAGRAM *(Please fill in all applicable dimensions)*





NOTES:
1. **Bottom of Frame to Ground.**
2. **Bottom of Frame to Centerline of an Axle.**
3. **Pinion angle information not needed for walking beam suspensions.**

⚠ WARNING OVERLOADED SUSPENSIONS CAN CAUSE COMPONENT FAILURE, LOSS OF VEHICLE CONTROL, SEVERE PERSONAL INJURY OR DEATH.

- DO NOT EXCEED SUSPENSION CAPACITY RATINGS.
- DO NOT OPERATE AUXILIARY LIFT AXLES OR OTHER LOAD TRANSFERRING DEVICES IN ANY WAY THAT CAN OVERLOAD THE SUSPENSION.

TERMS AND CONDITIONS

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

- 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.
- 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.
- 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.
- This Approval is null and void if (i) any of the information provided by the REQUESTER 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.
- Hendrickson reserves the right to modify this Approval, and any recommendations and/or prices if the above-referenced information provided by the REQUESTER changes in any way. The REQUESTER shall immediately notify Hendrickson's Sales Engineering Department in writing of any/all changes in such information (including, but not limited to, vehicle frame, height, load, rear axle, or tire size) that may affect the suspension.

REQUESTER:

Authorized Contact Person: _____ Title: _____

Signature _____ Date: _____