



### Application Approval Request

Application No. \_\_\_\_\_

<b>Vehicle Manufacturer</b>		<b>Vehicle/Model</b>		<b>Vehicle/Chassis No.</b>		<b>Date</b>	
<b>Vocation</b>		Country Domiciled _____		<b>Duty Cycle</b> <input type="checkbox"/> On HWY <input type="checkbox"/> Off HWY <input type="checkbox"/> On-Off/ MTN. HWY <input type="checkbox"/> Off Road		<b>Configuration</b> <input type="checkbox"/> 4 X 2 <input type="checkbox"/> 6 X 4 <input type="checkbox"/> 4 X 4 <input type="checkbox"/> 6 X 6 <input type="checkbox"/> 6 X 2 <input type="checkbox"/>	
<b>Operating Conditions</b> On Road % _____ Off Road % _____							

**Vehicle Type:**  Straight Truck    Bus/Coach    Truck W/Trailer    Tractor W/Trailer    Other \_\_\_\_\_

<input type="checkbox"/> lb. <input type="checkbox"/> kg	Load on each Axle		Tire Information		Track <input type="checkbox"/> in. <input type="checkbox"/> mm		<b>Drive Axle Information</b> Ratio _____ <input type="checkbox"/> Single-speed <input type="checkbox"/> Two-speed <input type="checkbox"/> Tandem <input type="checkbox"/> Other _____ <input type="checkbox"/> Standard Differential <input type="checkbox"/> Diff Lock <input type="checkbox"/> <b>Controlled Traction</b> <input type="checkbox"/> <b>No-Spin</b>
	Nominal Load	With Max Overload	Size	SLR	Single Wheel	Dual Wheel	
Steer Axle							<b>Suspension</b> <input type="checkbox"/> in. <input type="checkbox"/> mm Type _____ Mounting Centers _____ Mfr _____ Model _____
Rear Axle							
Tag/Pusher							

**GVW Nominal** \_\_\_\_\_ **GVW with Overload** \_\_\_\_\_  
**GCW Nominal** \_\_\_\_\_ **GCW with Overload** \_\_\_\_\_

**Steer Axle Information**    in.    mm  
 Non Drive    Drive/Steer Axle Ratio \_\_\_\_\_  
 KPI \_\_\_\_\_ KPI to Pad Drop \_\_\_\_\_ Pad to Center Drop \_\_\_\_\_  
 Max Turn Angle LH/RH \_\_\_\_\_  
 Wheelbase \_\_\_\_\_  
 Suspension Type \_\_\_\_\_  
 Spring Centers \_\_\_\_\_  
**Bolt Hole Spacing**  
 Side to Side \_\_\_\_\_ Fore and Aft \_\_\_\_\_ Hole Size \_\_\_\_\_  
 Steering Arm  Left Hand    Right Hand    Dual Steer  
 Steer Arm length \_\_\_\_\_ Steer Arm height \_\_\_\_\_  
 Ball Position    Up    Down  
 Power Steering Pump Mfr \_\_\_\_\_ Model \_\_\_\_\_  
 Power Steering output torque \_\_\_\_\_  Ft lbs    NM  
**NOTE: Power steering system must relieve pressure before stop bolt contacts axle beam, in full turn.**

**Engine**    Ft lbs    NM  
 Mfr \_\_\_\_\_ Model \_\_\_\_\_  
 Gross HP @ GOV RPM \_\_\_\_\_ @ \_\_\_\_\_  
 Gross Torque @ RPM \_\_\_\_\_ @ \_\_\_\_\_

**Transmission (main)**  
 Mfr \_\_\_\_\_ Model \_\_\_\_\_  
 Low Ratio \_\_\_\_\_ High Ratio \_\_\_\_\_

**Torque Converter**  
 Mfr \_\_\_\_\_ Model \_\_\_\_\_  
 Max Net Output @ (Stall) \_\_\_\_\_ Stall Ratio \_\_\_\_\_

**Transmission (auxiliary) or transfer case**  
 Mfr \_\_\_\_\_ Model \_\_\_\_\_  
 Low Ratio \_\_\_\_\_ High Ratio \_\_\_\_\_

Retarder Type:    Hydraulic    Electric    Engine    Exhaust  
 Mfr \_\_\_\_\_ Model \_\_\_\_\_

Brake Information	Model	Brake Size & Type	Chamber Size	Slack Adjuster		Maximum Air Chamber Press <hr/> <input type="checkbox"/> psi <input type="checkbox"/> kPa
				Length	Type	
<b>Steer Axle</b>					<input type="checkbox"/> Auto <input type="checkbox"/> Manual	
<b>Rear Axle</b>					<input type="checkbox"/> Auto <input type="checkbox"/> Manual	
<b>Tag/Pusher</b>					<input type="checkbox"/> Auto <input type="checkbox"/> Manual	

Requestor Vehicle Manufacturer: \_\_\_\_\_  
 e-mail address: \_\_\_\_\_ Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_

**Dana Use Only: Spicer Heavy Axle & Brake Approval Section**

	Steer	Rear	Tag/Pusher	Other
Axle Model				
Axle Ratio(s)				
Brake Model				

Remarks: \_\_\_\_\_

**Approver:** Application No. \_\_\_\_\_ Signed \_\_\_\_\_ Date \_\_\_\_\_  
**DANA Corporation, Commercial Vehicle Systems Division** Inquiry No. \_\_\_\_\_



This recommendation is based solely on the information shown above. Therefore, if specifications or operation is altered, this approval does not apply. Any deviations from original must be submitted in writing to DANA Commercial Vehicle Systems Division, Applications Engineering Department for approval.