

# RAM BODY APPLICATION GUIDE

**This Guide is designed to assist you in matching the correct truck size and load carrying requirements with the appropriate Ram Chassis Cab.**

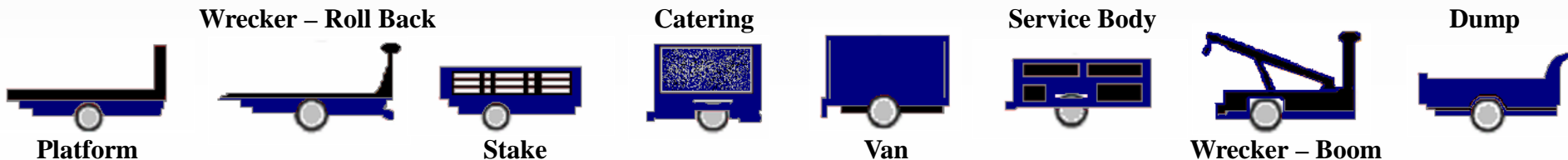
- Ø This Guide will assist you in determining your customers needs for: the type of applied body, the length of body, the weight of the body and the resulting available payload.
- Ø It will assist you in answering the customer basic questions like: engine and transmission type, regular or quad cab, two or four wheel drive.
- Ø It will also allow you to guide the customers in finding the appropriate truck for any special equipment that may require a prep package for example: snowplow, wrecker body, liftgate or crane.

The following page will show you the approximate weights of applied bodies and common payloads. This will allow you to approximately size the vehicle for your customers needs.

Pages 3,4 & 5 contain tables of Ram model chassis cabs available for each specific type of upfit.

Please note : It is important to review with your customer and the upfitter the size of body and the type of payload, to ensure that the vehicles GVW or Axle GAWR's are not exceeded.

For Trailer weight and GCWR information please see the Trailer Tow Guide.



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## TYPICAL PAYLOAD WEIGHTS

Aluminum	Cast	165 lbs. per cu.ft.	Hay Bale	17" x22" x43"	75 lbs. per bale
Brick	Common	5400 lbs. per 1000	Iron	Cast	450 lbs. per cu.ft.
	Hard	6480 lbs. per 1000	Lumber	Hard Wood	3600 lbs. per 1000 bd.ft.
	Paving	6750 lbs. per 1000		Soft Wood	2125 lbs. per 1000 bd.ft.
Cement	Portland	94 lbs. par sack	Paper		58 lbs. per cu.ft.
Cinder Blocks	8" x8" x16"	35 lbs. per block	Salt	Coarse Dry	1215 lbs. per cu.yd.
	8" x12" x16"	45lbs. per block	Sand	Coarse Dry	2565 lbs. per cu.yd.
Crushed Stone		2700 lbs. per cu.yd.		Coarse Wet	3240 lbs. per cu.yd.
	Diesel Fuel	7 lbs. per gallon	Steel	Rolled	495 lbs. per cu.ft.
Dirt	Packed	2565 lbs. per cu.yd.	Straw Bale	17" 22" 42"	30 lbs. per bale
Furniture	Household	7 lbs. per cu.ft.	Water		8.4 lbs. per gallon

## APPROXIMATE BODY WEIGHTS

### WEIGHT GUIDELINE :

(Vehicle Base Curb Weight) (+ Other OEM Equipment Weight) (+ Aftermarket Body and Equipment Weight)  
 (+ Passenger Weight) (+ Cargo Weight) (- GVW (This weight must not exceed the vehicle GVWR or axle GAWR's))

### DUMP



8 ft. (2 yd.).....	1950 lbs.
9 ft. (2 yd.).....	2025 lbs.
10 ft. (2 yd.).....	2100 lbs.
10 ft. (5 yd.).....	2895 lbs.
8 ft. (2 yd.) w/Truck Box.....	2440 lbs.
8 ft. (4 yd.) w/Truck Box.....	2670 lbs.

### SERVICE BODY



8 ft.....	1055 lbs.
9 ft.....	1195 lbs.
11 ft.....	1580 lbs.
14 ft.....	2465 lbs.

### STAKE



8 ft.....	1005 lbs.
9 ft.....	1130 lbs.
10 ft.....	1255 lbs.
12 ft.....	1380 lbs.
14 ft.....	1505 lbs.
16 ft.....	1630 lbs.
18 ft.....	1960 lbs.
20 ft.....	2135 lbs.
22 ft.....	2335 lbs.
24 ft.....	2510 lbs.
26 ft.....	2720 lbs.



### VAN



10 ft.....	1795 lbs.
12 ft.....	2000 lbs.
14 ft.....	2210 lbs.
16 ft.....	2430 lbs.
18 ft.....	2635 lbs.
20 ft.....	2855 lbs.
22 ft.....	3055 lbs.
24 ft.....	3260 lbs.
26 ft.....	3490 lbs.




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3500		8 ft. Stake/Platform	8 ft. Dump Body	9 ft. Stake/Platform	9 ft. Dump Body	9 ft. Utility Body	8 ft. Dump w/Truck Box	10 ft. Stake/Platform	10 ft. Dump Body	10 ft. Van Body	11 ft. Dump Body	11 ft. Utility Body	12 ft. Stake/Platform	12 ft. Van Body	Catering	Wrecker - Boom	Wheel Base / CA	
<b>REGULAR</b>	4x2 SRW Diesel	■		■		■									■		143.5 / 60	
	4x4 SRW Diesel		■		■											■	143.5 / 60	
	4x2 DRW Gas	■	■	■	■											■	143.5 / 60	
	4x2 DRW Diesel	■	■	■	■											■	143.5 / 60	
	4x4 DRW Gas	■	■	■	■											■	143.5 / 60	
	4x4 DRW Diesel	■	■	■	■											■	143.5 / 60	
	4x2 DRW Gas						■	■	■	■	■	■	■	■	■	■	■	167.5 / 84
	4x2 DRW Diesel						■	■	■	■	■	■	■	■	■	■	■	167.5 / 84
	4x4 DRW Gas						■	■	■	■	■	■	■	■	■	■	■	167.5 / 84
	4x4 DRW Diesel						■	■	■	■	■	■	■	■	■	■	■	167.5 / 84
<b>CREW</b>	4x2 SRW Diesel	■		■		■									■		172.4 / 60	
	4x4 SRW Diesel		■		■											■	172.4 / 60	
	4x2 DRW Gas	■	■	■	■											■	172.4 / 60	
	4x2 DRW Diesel	■	■	■	■											■	172.4 / 60	
	4x4 DRW Gas	■	■	■	■											■	172.4 / 60	
	4x4 DRW Diesel	■	■	■	■											■	172.4 / 60	
 = NOTE: Application is recommended.																		
 = NOTE: While this application is allowed, it is payload limited. Ensure that the customer understands the capability of this vehicle.																		



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		4500																						
		8 ft. Stake / Platform	8 ft. Dump Body	9 ft. Stake / Platform	9 ft. Dump Body	9 ft. Utility Body	8 ft. Dump w/ Truck Box	10 ft. Stake / Platform	10 ft. Dump Body	10 ft. Van body	11 ft. Utility Body	11 ft. Dump Body	12 ft. Stake / Platform	12 ft. Van body	14 ft. Stake / Platform	14 ft. Van body	16 ft. Stake / Platform	16 ft. Van body	18 ft. Stake / Platform			18 ft. Van body	Carrier (Roll back wrecker)	Wrecker - Boom
REGULAR																								
	4x2 DRW Diesel/Gas																							144.5/60
	4x4 DRW Diesel/Gas																							144.5/60
	4x2 DRW Diesel/Gas																							168.5/84
	4x4 DRW Diesel/Gas																							168.5/84
	4x2 DRW Diesel/Gas																							192.5/108
	4x4 DRW Diesel/Gas																							192.5/108
	4x2 DRW Diesel/Gas																							204.5/120
4x4 DRW Diesel/Gas																							204.5/120	
CREW																								
	4x2 DRW Diesel/Gas																							173.4/60
	4x4 DRW Diesel/Gas																							173.4/60
	4x2 DRW Diesel/Gas																							197.4/84
4x4 DRW Diesel/Gas																							197.4/84	

 = NOTE: Application is recommended.

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REGULAR																								
	4x2 DRW Diesel/Gas																							144.5/60
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