

# Suspension Measurements

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## REAR SUSPENSION:

The following is a general list of rear ends and their dimensions to help narrow the search for a possible candidate to replace the torque tube rear end or just get a better set of gears for highway driving.

Advance Design Trucks seem to be using rear ends with widths ranging from 58"- 62". I'm not sure of the Task Force width ranges at this time.

Contributing information were Bob Welch, J Forbes and various locations throughout the Web and Automotive Magazines.

## Rear Axle Measurements

### MEASURED ACROSS WHEEL MOUNTING SURFACE

56 1/2" 71-77 Ford Maverick 8",

57" 71-74 V-8 Mavericks 8", All '75-77 6's & 8's Maverick 5 Lug 8", 49-51 Ford, 57-59 Ford 9"

57 1/4" 64 1/2 - 65 Mustang

58" 78-88 Mid sized GM Car, Malibu/Monte Carlo (82 up Metric Studs), 80 Granada & Lincoln Versailles, 67-70 Mustang/Cougar/Fairlane, Regal with 10 bolt axle, S-10 P.U., 65-67 Nova

58 1/2 " Ford Grenada

59" 68-83 Corvette

60" 55-64 Chevy Car, 67-69 Camaro, 64-67 Chevelle, 68-74 Nova, 71-73 Mustang/Cougar, 84-95 Corvette

60-61" 64-69 1/2 ton 2wd Chevy/ Some GMC 6 lug rear end 12 bolt Coil spring set up Possible gear ratio's 3.70

62" 64-77 Chevelle, 73-76 Torino, 89 Trans Am,

70 2wd 6 lug rear end 12 bolt Possible gear ratio's 3:08, 3:40, 3:73  
70-81 4wd 6 lug reared .....

71- Newer 2wd trucks use a 5 on 5 lug pattern  
71-76 Full Size Cars " " " "

60" 60's GMC and some Chevy's Dana 44 or Dana 60 with leaf springs 6 lug, Gear ratio's 3.21 to 3.92. GMC V-6 used a 3.21 Dana 44 used a standard chevy 1310 yoke, Dana 60 used the heavy duty yoke which takes the larger 1350 yoke.

<b>Approximate rear end widths measured from backing plate to backing plate.</b> Add Width to compensate for drums as follows: 4" - 5" for small cars    5" - 6" for intermediate cars    6" - 8" for large cars		
48" - 49"	50" - 51"	52" - 53"
'71 Colt '72 Cricket '72-75 Datsun Pickup '72-73 Mazda	'65 Ram American '74 Valiant	'28-40 Ford , '57 - 59 Ford '62 Buick Skylark, '67 Chevrolet Six '67 Mustang Six , '68 AMX '69 Javelin Six , '70 dodge '70 Duster , '71-77 Maverick '71 Comet , '71- 72 Pinto
54" -55"	56" -57"	58" - 59"
'39 -48 Chevrolet, '68 GTO '41 -48 Ford, '68-72 Chevelle '55 -57 Chevrolet, 68-69 Fair lane 6 or 8 '66 Falcon, '69 Chevrolet '67 Mustang V-8, '69 Firebird '69 Cougar, '71 -73 Nova '73 Ventura, '73 Mustang	'36 Plymouth, '54-56 Ford Pickup '67 Lincoln, '69 Dodge '69 Dodge Van, '71 Torino '72 Cougar, '74 Pontiac	'49 Plymouth, '61 Chevrolet Impala '65 Cadillac, '66 Buick Wildcat '66-67 Chevrolet Big Car, '72 Charger '69 Oldsmobile 88, '72 Chrysler '72-73 Torino

<b>STOCK CENTER TO CENTER SPRING PERCH DISTANCE</b>			
25"	39"	42"	42 1/2"
'68 - 72 Chevelle	'71 Colt '73 Mazda	'68 -71 Fairlane/Torino '49-51 Ford	'69 Chevrolet '69 Nova '71 - 72 Pinto '73 Ventura
43"	43 1/2"	44"	46 1/4"
'65 Ram American '64 1/2-'65 Mustang '67 Mustang '70's Ford Grenada '69 Firebird '70 Dodge	'71-77 Maverick '70 Duster '70 Nova '71 Comet '72 Dart '72 Cougar '74 Valiant	'57 Ford '67 Chevrolet Six '68 AMX '69 Javelin Six	'69 Dodge
47 1/2"	48"	51"	57 1/2"
'39 -48 Chevrolet '67 Chevrolet big car '72 Charger '72 Chrysler	'69 Dodge Van	'69 Ford Van	'67 Lincoln

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**The following list of extensive information was contributed by R. Welch:**

<b>Original Vehicles Rear Suspension Width (Flange to Flange)</b>		
<b>Year</b>	<b>Classic Vehicles</b>	<b>Width</b>
26-39	Plymouth-Dodge car/pick up	56-58"
40-52	Plymouth-Dodge car	60-62"
26-39	Chrysler/DeSoto Car	60"
Most Early	Mopar's	56-62"
25-39	Chevy Car	56-58"
26-46	Chevy Truck	56-58"
40-48	Chevy Car	58-60"

49-54	Chevy Car	58-60"
47-54 & 55 1st Series	Chevy Truck	60-62"
Most Early	Buick,Olds, Pontiac	58-61"
28-31	Ford Car/Pickup	57 1/2"
32 & 33-34	Ford Car/Pickup	56 1/2"
35-48	Ford Car	57-60"
35-41	Ford Pickup	56-60"
49-58	Ford Car	57-58"
49-56	Mercury	57-58"
49-51	Mercury	61"
64	Falcon	58"
67	Cougar	60"
55-59	Chevy Pickup	62"

### **Donor Vehicles Front and Rear Suspension Width (Flange to Flange)**

<b>Year</b>	<b>Classic Vehicles</b>	<b>Width Front</b>	<b>Width Rear</b>
74-79	Ford Mustang II/Pinto & Mercury Capri/Bobcat	55 1/2"	55 1/2"
71-77	Ford Maverick with 8" axle	56 1/2"	
75-80	Ford Granada with 8" axle	57 1/2"	
64-66	Mustang	57"	
67-71	Mustang	59"	
72-73	Mustang	60"	
67-69 , & 60"	Camaro	60"	
64-67	Chevelle	60"	
55-64	Chevy car	60"	
65-67	Nova	58"	
68-72	Nova	60"	60"
78 & up	Monte Carlo, Regal, etc. with 10 bolt axle	58"	58"
68-72	Chevelle with 10 bolt axle	61 1/2"	
89	Trans AM (Disc brake)	62"	

76-80	Camaro/Firebird	61 ½"	60 ½"
68-83	Corvette	58 ½"	59 ½"
84-95	Corvette	59 ½"	60 ½"
Early 70's	"A" body (Dart/Duster) with V8&3/4 axle	58"	
	"E" Body (Cuda) with V8&3/4 axle	58"	
	Dodge Dart	59"	55 ½"
	Plymouth Volare & Dodge Aspen	61"	60 ½"
71	Blazer (6 lug)	63 ¾"	
75-78	Granada 9"	(43" perch to perch)	52 ¼"
75-78	Maverick 9"	(43" perch to perch)	56 ¼"
81-87	Olds Cutlass	58 ½"	

## FRONT SUSPENSION INFORMATION

Track Width of Popular Donor Car Clips				
Manufacture	Model	Years	Track Front/Rear	Curb Weight
<b>Chevrolet</b>	Nova	68-74	59.8-59.6	3,770
<b>Buick</b>	Apollo	68-74	59.1-58.8	3760
<b>Pontiac</b>	GTO	68-74	59.9-59.6	3880
<b>Chevrolet</b>	Corvette	68-83	58.7-59.5	3655
		84-95	59.6-60.4	3890
<b>Chevrolet</b>	Camaro (Z28)	76-80	61.3-60.5	3820
<b>Pontiac</b>	Firebird (TA)	76-80	61.3-60.5	3900
<b>Ford</b>	Mustang II	74-79	55.6-55.8	3305
	Pinto	74-79	55.6-55.8	3305
<b>Mercury</b>	Capri	74-79	55.6-55.8	3305
	Bobcat	74-79	55.6-55.8	3305
<b>Chevrolet</b>	Monte Carlo	78-86	58.5-58.8	3235
<b>Buick</b>	Century	78-86	59.0-58.8	3700

<b>Pontiac</b>	Grand Prix	78-86	58.9-59.0	3735
<b>Plymouth</b>	Volare	75-79	61.0-60.5	3395
<b>Dodge</b>	Aspen	75-79	61.0-60.5	3395
<b>Dodge</b>	Dart	76	59.2-55.6	3600