10	Wheel Diameter (in.)	Wheel Width (in.)					
Tire victor (mm)	Wileel Diameter (III.)	8	8.5		_ , ,	10	10.5
Tire width (mm)	16		0.5	9	3.3	10	10.5
Aspect ratio	*	225	245	255	265	275	295
Tire diameter (in.)  Actual speed (60 mph indicated)  60 60 58 59 60 58  Front wheel offset (mm)  Tire clearance, cutside (in.)  Tire clearance, inside (in.)  Tire clearance, inside (in.)  Tire clearance, inside (in.)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  224 0.23 0.22 0.24 0.23 0.21  Tire clearance, outside (in.)  225 1.77 1.28 0.76 0.27 -0.21  Tire clearance, outside (in.)  226 1.77 1.28 0.76 0.27 -0.21  Tire clearance, inside (in.)  225 245 255 265 275 295  Aspect ratio 45 40 35 35 35 30 30  Tire diameter (in.)  Actual speed (60 mph indicated)  Front wheel offset (mm)  Tire clearance, outside (in.)  131 38 44 50 57 -  Tire clearance, outside (in.)  Tire clearance, inside (in.)  222 0.24 0.23 0.21 0.24 0.23 0.21  Tire clearance, inside (in.)  Tire clearance, inside (in.)  Tire clearance, inside (in.)  24.97 24.71 24.02 24.30 24.57 23.96  Actual speed (60 mph indicated)  60 60 58 59 59 59 58  Actual speed (60 mph indicated)  Front wheel offset (mm)  Tire clearance, outside (in.)  122 0.24 0.23 0.21 0.24 0.23 0.21  Tire clearance, inside (in.)  225 245 255 265 275 295  Rear wheel offset (mm)  19 25 31 38 44 50 57 -  Tire clearance, outside (in.)  226 1.77 1.28 0.76 0.27 -0.21  Tire clearance, outside (in.)  227 0.21  Tire clearance, outside (in.)  228 1.77 1.28 0.76 0.27 -0.21  Tire clearance, outside (in.)  229 0.24 0.23 0.22 0.24 0.23 0.21  Tire clearance, outside (in.)  220 24.75 24.02 24.25 24.48 24.98  Actual speed (60 mph indicated)  58 60 58 59 59 60  Front wheel offset (mm)  Tire clearance, outside (in.)  225 245 255 265 275 295  Actual speed (60 mph indicated)  58 60 58 59 59 59 60  Tire clearance, outside (in.)  226 1.77 1.28 0.76 0.27 0.24 -  Tire clearance, outside (in.)  227 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.21 0.24 0.23 0.24 0.23 0.21 0.24 0.23 0.24 0.23 0.24	• •	_					
Actual speed (60 mph indicated)	•						
Tire clearance, outside (in.)  Tire clearance, inside (in.)  Rear wheel offset (mm)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, inside (in.)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, inside (in.)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, outs		60	60	58	59	60	58
Tire clearance, outside (in.)  Tire clearance, inside (in.)  Rear wheel offset (mm)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, inside (in.)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, inside (in.)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, outs	Front wheel offset (mm)	31	38	44	50	57	-
Rear wheel offset (mm)		0.22	0.24	0.23	0.21	0.24	-
Tire clearance, outside (in.)  17  Tire width (mm)  Aspect ratio  Actual speed (60 mph indicated)  Front wheel offset (mm)  Tire clearance, inside (in.)  225  245  2471  24.02  24.71  24.02  24.30  24.57  23.96  Actual speed (60 mph indicated)  Front wheel offset (mm)  Tire clearance, inside (in.)  Aspect ratio  18  Tire width (mm)  225  2471  24.02  24.30  24.57  24.57  24.02  24.30  24.57  23.96  Actual speed (60 mph indicated)  Actual speed (60 mph indicated)  58  60  60  60  60  60  60  60  60  60  6		1.78	1.26	0.77	0.29	-0.24	-
Tire clearance, inside (in.)   2.26   1.77   1.28   0.76   0.27   -0.21	Rear wheel offset (mm)	19	25	31	38	44	50
Tire width (mm)	Tire clearance, outside (in.)	0.24	0.23	0.22	0.24	0.23	0.21
Tire width (mm)	Tire clearance, inside (in.)	2.26	1.77	1.28	0.76	0.27	-0.21
Tire width (mm)		•					
Aspect ratio	17						
Tire diameter (in.)	Tire width (mm)	225	245	255	265	275	295
Actual speed (60 mph indicated)   60   60   58   59   59   58		45	40	35	35	35	30
Front wheel offset (mm)	Tire diameter (in.)	24.97	24.71	24.02	24.30	24.57	23.96
Tire clearance, outside (in.)  Tire clearance, inside (in.)  Rear wheel offset (mm)  Tire clearance, inside (in.)  Tire clearance, outside (in.)  Tire clearance, outside (in.)  Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  0.23  0.21  Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21   18  Tire width (mm)  225  Aspect ratio  35  35  30  30  30  30  30  30  Tire diameter (in.)  Actual speed (60 mph indicated)  58  60  58  60  58  59  59  60  Front wheel offset (mm)  Tire clearance, outside (in.)  1.78  1.26  0.77  0.29  0.24  -  Tire clearance, inside (in.)  1.78  1.26  0.77  0.29  0.24  -  2.1  Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21   19  Tire clearance, outside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21   19  Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21  Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21  Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21  Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21  Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21   19  Tire clearance, inside (in.)  2.25  245  255  265  275  295  295  Aspect ratio  30  30  25  25  25  25  25  25  25  25  25  2		60	60	58	59	59	58
Tire clearance, inside (in.)   1.78   1.26   0.77   0.29   -0.24   -0.24   -0.23   0.22   0.24   0.23   0.21		31	38	44	50		-
Rear wheel offset (mm)		0.22		0.23	0.21	0.24	-
Tire clearance, outside (in.)  Tire clearance, inside (in.)  18  Tire width (mm) Aspect ratio Tire clearance, outside (in.)  10  12  225  245  255  265  265  275  295  Aspect ratio 35  35  30  30  30  30  Tire diameter (in.) Actual speed (60 mph indicated) Front wheel offset (mm) Tire clearance, outside (in.)  1.78  1.28  1.77  1.28  24.02  24.75  24.02  24.25  24.49  24.96  Actual speed (60 mph indicated) 58  60  58  59  59  60  Front wheel offset (mm) Tire clearance, outside (in.) 1.78  1.26  0.77  0.29  -0.24  -1  Tire clearance, inside (in.) 1.78  1.28  1.28  1.77  1.28  1.28  1.77  1.28  1.28  1.77  1.28  1.28  1.77  1.28  1.28  1.77  1.28  1.78  1.28  1.78  1.28  1.79  1.78		1.78					-
Tire clearance, inside (in.)   2.26   1.77   1.28   0.76   0.27   -0.21							
Tire width (mm)		0.24	0.23	0.22	0.24	0.23	0.21
Tire width (mm)	Tire clearance, inside (in.)	2.26	1.77	1.28	0.76	0.27	-0.21
Tire width (mm)		•					
Aspect ratio   35   35   30   30   30   30   30     Tire diameter (in.)   24.20   24.75   24.02   24.25   24.49   24.96     Actual speed (60 mph indicated)   58   60   58   59   59   60     Front wheel offset (mm)   31   38   44   50   57   -   Tire clearance, outside (in.)   1.78   1.26   0.77   0.29   -0.24   -   Rear wheel offset (mm)   19   25   31   38   44   50     Tire clearance, outside (in.)   0.24   0.23   0.22   0.24   0.23   0.21     Tire clearance, inside (in.)   0.24   0.23   0.22   0.24   0.23   0.21     Tire utidth (mm)   225   245   255   265   275   295     Aspect ratio   30   30   25   25   25   25     Tire diameter (in.)   24.31   24.78   24.01   24.21   24.41   24.80     Actual speed (60 mph indicated)   59   60   58   58   59   60     Front wheel offset (mm)   31   38   44   50   57   -   Tire clearance, outside (in.)   1.78   1.26   0.77   0.29   -0.24   -   Rear wheel offset (mm)   19   25   31   38   44   50     Tire clearance, outside (in.)   1.78   1.26   0.77   0.29   -0.24   -   Tire clearance, outside (in.)   2.26   1.77   1.28   0.76   0.27   -0.21      Tire clearance, outside (in.)   2.26   1.77   1.28   0.76   0.27   -0.21      Tire clearance, inside (in.)   2.24   24.82   24.01   24.17   24.33   24.64     Actual speed (60 mph indicated)   59   60   58   58   59   59      Tire clearance, inside (in.)   2.26   1.77   1.28   0.76   0.27   -0.21      Tire clearance, outside (in.)   2.26   1.77   1.28   0.76   0.27   -0.21      Tire clearance, inside (in.)   24.42   24.82   24.01   24.17   24.33   24.64     Actual speed (60 mph indicated)   59   60   58   58   59   59      Front wheel offset (mm)   31   38   44   50   57   63      Tire clearance, outside (in.)   0.22   0.24   0.23   0.21   0.24   0.23      Tire clearance, outside (in.)   1.78   1.26   0.77   0.29   -0.24   -0.24   0.23      Tire clearance, outside (in.)   1.78   1.26   0.77   0.29   -0.24   -0.73      Tire clearance, outside (in.)   1.78   1.26   0.77   0.29   -0.24   -0.73      Tire clearance, inside (in.)   1.78							
Tire diameter (in.)		_					
Actual speed (60 mph indicated)   58	•						
Front wheel offset (mm)	` ,	_					
Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         -           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, outside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         2.26         1.77         1.28         0.76         0.27         -0.21           19           Tire clearance, inside (in.)         2.25         245         255         265         275         295           Aspect ratio         30         30         25         25         25         25           Tire diameter (in.)         24.31         24.78         24.01         24.21         24.41         24.80           Actual speed (60 mph indicated)         59         60         58         58         59         60           Front wheel offset (mm)         31         38         44         50         57         -           Tire clearance, outside (in.)         1.78							60
Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, outside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         2.26         1.77         1.28         0.76         0.27         -0.21           19           Tire clearance, inside (in.)         225         245         255         265         275         295           Aspect ratio         30         30         25         2	` '	_					-
Rear wheel offset (mm)							-
Tire clearance, outside (in.)  Tire clearance, inside (in.)  2.26  1.77  1.28  0.24  0.23  0.21  1.77  1.28  0.76  0.27  -0.21   Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21   Tire clearance, inside (in.)  2.25  2.45  2.55  2.65  2.75  2.95  Aspect ratio  30  30  30  25  25  25  25  25  25  25  25  25  Actual speed (60 mph indicated)  59  60  60  60  60  60  Front wheel offset (mm)  31  38  44  50  Tire clearance, outside (in.)  1.78  1.26  0.77  0.29  -0.24  -1  Rear wheel offset (mm)  19  25  31  38  44  50  Tire clearance, outside (in.)  1.78  1.28  0.76  0.27  -0.21   Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21   Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21   Aspect ratio  25  25  25  20  20  20  20  20  Tire diameter (in.)  24.42  24.82  24.01  24.17  24.33  24.64  Actual speed (60 mph indicated)  59  60  58  58  59  59  Front wheel offset (mm)  31  38  44  50  59  60  59  60  58  58  59  59  Front wheel offset (mm)  31  38  44  50  59  60  59  60  58  58  59  59  Front wheel offset (mm)  31  38  44  50  57  63  Tire clearance, outside (in.)  0.22  0.24  0.23  0.21  0.24  0.23							-
Tire clearance, inside (in.)   2.26   1.77   1.28   0.76   0.27   -0.21		_					
Tire width (mm) 225 245 255 265 275 295 Aspect ratio 30 30 25 25 25 25 25 Tire diameter (in.) 24.31 24.78 24.01 24.21 24.41 24.80 Actual speed (60 mph indicated) 59 60 58 58 59 60  Front wheel offset (mm) 31 38 44 50 57 - Tire clearance, outside (in.) 0.22 0.24 0.23 0.21 0.24 - Tire clearance, inside (in.) 1.78 1.26 0.77 0.29 -0.24 - Rear wheel offset (mm) 19 25 31 38 44 50 Tire clearance, outside (in.) 0.24 0.23 0.22 0.24 0.23 0.21 Tire clearance, inside (in.) 2.26 1.77 1.28 0.76 0.27 -0.21   20  Tire width (mm) 225 245 255 265 275 295 Aspect ratio 25 25 20 20 20 20 20 Tire diameter (in.) 24.42 24.82 24.01 24.17 24.33 24.64 Actual speed (60 mph indicated) 59 60 58 58 59 59 Front wheel offset (mm) 31 38 44 50 57 63 Tire clearance, outside (in.) 0.22 0.24 0.23 0.21 0.24 0.23 Tire clearance, outside (in.) 1.78 1.26 0.77 0.29 -0.24 -0.73							
Tire width (mm)         225         245         255         265         275         295           Aspect ratio         30         30         25         25         25         25           Tire diameter (in.)         24.31         24.78         24.01         24.21         24.41         24.80           Actual speed (60 mph indicated)         59         60         58         58         59         60           Front wheel offset (mm)         31         38         44         50         57         -           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, inside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire width (mm)         225         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20	Tire clearance, inside (in.)	2.26	1.//	1.28	0.76	0.27	-0.21
Tire width (mm)         225         245         255         265         275         295           Aspect ratio         30         30         25         25         25         25           Tire diameter (in.)         24.31         24.78         24.01         24.21         24.41         24.80           Actual speed (60 mph indicated)         59         60         58         58         59         60           Front wheel offset (mm)         31         38         44         50         57         -           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, inside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire width (mm)         225         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20	40						
Aspect ratio         30         30         25         25         25         25           Tire diameter (in.)         24.31         24.78         24.01         24.21         24.41         24.80           Actual speed (60 mph indicated)         59         60         58         58         59         60           Front wheel offset (mm)         31         38         44         50         57         -           Tire clearance, outside (in.)         1.78         1.26         0.77         0.29         -0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, outside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         22.5         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20           Tire diameter (in.)         24.42         24.82         24.01         24.17         24.33         24.64		225	245	255	265	275	205
Tire diameter (in.)         24.31         24.78         24.01         24.21         24.41         24.80           Actual speed (60 mph indicated)         59         60         58         58         59         60           Front wheel offset (mm)         31         38         44         50         57         -           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, outside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         2.26         1.77         1.28         0.76         0.27         -0.21           20         Tire width (mm)         225         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20           Tire diameter (in.)         24.42         24.82         24.01         24.17 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>							
Actual speed (60 mph indicated)         59         60         58         58         59         60           Front wheel offset (mm)         31         38         44         50         57         -           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         -           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, outside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire width (mm)         225         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20           Tire diameter (in.)         24.42         24.82         24.01         24.17         24.33         24.64           Actual speed (60 mph indicated)         59         60         58         58         59         59							
Front wheel offset (mm)         31         38         44         50         57         -           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         -           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, outside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         2.26         1.77         1.28         0.76         0.27         -0.21           20           Tire width (mm)         225         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20           Tire diameter (in.)         24.42         24.82         24.01         24.17         24.33         24.64           Actual speed (60 mph indicated)         59         60         58         58         59         59           Front wheel offset (mm)         31         38         44 <th>` ,</th> <th></th> <th>_</th> <th></th> <th></th> <th></th> <th></th>	` ,		_				
Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         -           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, outside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         2.26         1.77         1.28         0.76         0.27         -0.21           20           Tire width (mm)         225         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20           Tire diameter (in.)         24.42         24.82         24.01         24.17         24.33         24.64           Actual speed (60 mph indicated)         59         60         58         58         59         59           Front wheel offset (mm)         31         38         44         50         57         63           Tire clearance, outside (in.)         0.22         0.24         0.23 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -           Rear wheel offset (mm)         19         25         31         38         44         50           Tire clearance, outside (in.)         0.24         0.23         0.22         0.24         0.23         0.21           Tire clearance, inside (in.)         2.26         1.77         1.28         0.76         0.27         -0.21           20           Tire width (mm)         225         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20           Tire diameter (in.)         24.42         24.82         24.01         24.17         24.33         24.64           Actual speed (60 mph indicated)         59         60         58         58         59         59           Front wheel offset (mm)         31         38         44         50         57         63           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         0.23           Tire clearance, inside (in.)         1.78         1.26         0.77<	. ,	_					
Rear wheel offset (mm)							
Tire clearance, outside (in.)  Tire clearance, inside (in.)  20  Tire width (mm)  25  Aspect ratio  25  245  245  255  265  275  295  Aspect ratio  25  2482  24.01  24.17  24.33  24.64  Actual speed (60 mph indicated)  Front wheel offset (mm)  Tire clearance, outside (in.)  22  Tire clearance, outside (in.)  31  38  44  50  57  63  Tire clearance, outside (in.)  1.78  1.26  0.22  0.24  0.23  0.21  0.24  0.23  0.21  0.24  0.23  0.21  0.24  0.23  0.21  0.24  0.23							
Tire clearance, inside (in.)  2.26  1.77  1.28  0.76  0.27  -0.21  20  Tire width (mm)  225  245  255  265  275  295  Aspect ratio  25  25  20  20  20  20  20  Tire diameter (in.)  24.42  24.82  24.01  24.17  24.33  24.64  Actual speed (60 mph indicated)  59  60  58  58  59  59  Front wheel offset (mm)  31  38  44  50  57  63  Tire clearance, outside (in.)  0.22  0.24  0.23  0.21  0.24  0.23  Tire clearance, inside (in.)  1.78  1.26  0.77  0.29  -0.24  -0.73							
20       Tire width (mm)     225     245     255     265     275     295       Aspect ratio     25     25     20     20     20     20       Tire diameter (in.)     24.42     24.82     24.01     24.17     24.33     24.64       Actual speed (60 mph indicated)     59     60     58     58     59     59       Front wheel offset (mm)     31     38     44     50     57     63       Tire clearance, outside (in.)     0.22     0.24     0.23     0.21     0.24     0.23       Tire clearance, inside (in.)     1.78     1.26     0.77     0.29     -0.24     -0.73							
Tire width (mm)         225         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20           Tire diameter (in.)         24.42         24.82         24.01         24.17         24.33         24.64           Actual speed (60 mph indicated)         59         60         58         58         59         59           Front wheel offset (mm)         31         38         44         50         57         63           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         0.23           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -0.73				0	•		
Tire width (mm)         225         245         255         265         275         295           Aspect ratio         25         25         20         20         20         20           Tire diameter (in.)         24.42         24.82         24.01         24.17         24.33         24.64           Actual speed (60 mph indicated)         59         60         58         58         59         59           Front wheel offset (mm)         31         38         44         50         57         63           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         0.23           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -0.73	20						
Aspect ratio         25         25         20         20         20         20           Tire diameter (in.)         24.42         24.82         24.01         24.17         24.33         24.64           Actual speed (60 mph indicated)         59         60         58         58         59         59           Front wheel offset (mm)         31         38         44         50         57         63           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         0.23           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -0.73		225	245	255	265	275	295
Tire diameter (in.)         24.42         24.82         24.01         24.17         24.33         24.64           Actual speed (60 mph indicated)         59         60         58         58         59         59           Front wheel offset (mm)         31         38         44         50         57         63           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         0.23           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -0.73							
Actual speed (60 mph indicated)         59         60         58         58         59         59           Front wheel offset (mm)         31         38         44         50         57         63           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         0.23           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -0.73							
Front wheel offset (mm)         31         38         44         50         57         63           Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         0.23           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -0.73							
Tire clearance, outside (in.)         0.22         0.24         0.23         0.21         0.24         0.23           Tire clearance, inside (in.)         1.78         1.26         0.77         0.29         -0.24         -0.73							
Tire clearance, inside (in.) 1.78 1.26 0.77 0.29 -0.24 -0.73							
, , ,							
Total milest officer (miles)   10	Rear wheel offset (mm)	19	25	31	38	44	50

Tire clearance, outside (in.)

Tire clearance, inside (in.)

0.24

0.23

1.77

0.22

1.28

0.24

0.76

0.23

0.27

0.21

-0.21

Select your wheel diameter and width from the chart to the left.

Please note that the numbers shown are *recommendations* only, and are not the only combinations that will work. For specific details, please refer to the appropriate section below.

### Tire Width

The recommended tire width shown is based on the *nominal* wheel width, which is the *rated* wheel width (shown at the top), plus 1", representing the width of the wheel from outside edge to outside edge. The rated width is the distance between the inner and outer flanges or lip of the wheel, where the tire bead will be seated when mounted.

Please note that you can typically increase tire width one or sometimes even two sizes larger, depending on the *actual* measurements of the tire, which may vary somewhat from the *rated* width.

#### Aspect Ratio

The aspect ratio is the tire sidewall height. The number shown is a percentage of the width, so a 50-series tire has a sidewall height that is 50% of the width.

Please note that the combinations of tire width and aspect ratio shown may not be available and are based on maintaining an overall height roughly equivalent to the stock P225/50-16s. However, you can use of a tire of the recommended width with a different aspect ratio, but keep in mind that it will affect the overall tire height and therefore the actual speed of your car.

To see how a different aspect ratio affects tire height and actual speed, simply replace the **recommended** aspect ratio with an **available** aspect ratio and the tire height and actual speed calculations will be recalculated.

Important note: If you replace the formula in a cell, that cell will no longer recalculate based on other changes you make. If you do change cell values, do not save the file so that you can close and re-open the spreadsheet to revert to the original formulas if necessary, or hit Ctrl-Z to undo.

### Tire Diameter

As mentioned above, tire diameter is the overall **nominal** height of the tire. A tire under load is not a perfect circle, so when mounted on the car, **actual** tire height will be somewhat less than the indicated figure.

The stock P225/50-16 tires have a nominal height of approximately 24.85", so to avoid altering the actual speed of the vehicle significantly, try to maintain a tire diameter close to stock.

### **Actual Speed**

When you change tire diameter, you will affect the actual speed of the car. However, since the speedometer is driven by a speed sensor in the tailshaft of the transmission, indicated speed (on your speedometer) will not change for a given engine rpm. The car, on the other hand, will actually be traveling faster (with a taller tire) or slower (with a shorter tire) than the indicated speed.

This number is an **estimate** of the effect a given tire size will have on the vehicle's actual speed (at 60 mph). Please keep in mind that tires are not perfectly round under load, and the **actual** speed will vary somewhat based on tire pressure and the weight of the car.

### Front Wheel Offset

This is the recommended offset to maintain about 1/4" clearance between the outside edge of the tire and the fender. The recommended maximum front spacing (distance from the front edge of the wheel to the centerline of the wheel plus offset) for the front is about 3.5". The recommended offsets shown result in front spacing of about 3.25". A larger offset will move the outer face or edge of the wheel towards the inside of the car. A smaller offset will move it outward.

Please note that the offsets shown may not be available. If this is the case, you can enter the actual offset for the appropriate wheel width and the outside and inside clearance figures will be automatically recalculated.

Remember not to save the spreadsheet if you have made changes to cell values, or you will lose the original formulas.

# Tire Clearance, Outside

This number is the clearance between the tire and the fender. Offsets have been calculated to maintain about 1/4" clearance so that rolling fenders should not be necessary unless the car is excessively lowered.

If a larger offset is selected, it may be necessary to roll the fender lip to avoid rubbing or to use flares for additional clearance.

## Tire Clearance, Inside

This number is the clearance between the tire and spring on the inside edge of the tire. The more clearance the better, especially in the front where turning the wheels may bring the tires into contact with the fender liner.

A *negative* number indicates that the combination will likely not work with stock springs and shocks. Coilover shocks with smaller diameter springs may be required for additional clearance, and in the rear of the car, aftermarket trailing arms with an offset towards the center of the car may also be required.

Please note that the larger the wheel diameter, the more clearance the trailing arm has. In other words, a 17x10.5" rear wheel would likely require aftermarket trailing arms **and** coilover shocks for additional clearance, while a 19x10.5" wheel would likely only require coilover shocks.

## Rear Wheel Offset

This is the recommended offset to maintain about 1/4" clearance between the outside edge of the tire and the fender. The recommended maximum front spacing (distance from the front edge of the wheel to the centerline of the wheel plus offset) for the rear of the car is about 4". The recommended offsets shown result in front spacing of about 3.75". A larger offset will move the outer face or edge of the wheel towards the outside of the car. A smaller offset will move it inward.

Please note that the offsets shown may not be available. If this is the case, you can enter the actual offset for the appropriate wheel width and the outside and inside clearance figures will be automatically recalculated.

Remember not to save the spreadsheet if you have made changes to cell values, or you will lose the original formulas.