

NATIONAL AUTO GLASS SPECIFICATIONS

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The following information is from the National Auto Glass Specifications (NAGS) taken from a 1940's catalog. Where an asterisk appears, the glass is a rectangle. The "block size" is the size from which the glass was cut and for what the customer was charged. Many older glass shops might still have these NAGS patterns. Using the existing glass for a pattern is not always wise. After a glass has been replaced a time or two, the variances in cutting will most likely change from the original size. I used to check the glass size of the cracked glass with the book size (only where the asterisk appears).

Note: Recent federal laws have mandated a minimum of .030 thick vinyl interlayer be laminated in all windshields. Before that, .015 was acceptable. Studies showed a person's head could penetrate the .015 type interlayer and when that person settled back to the seat, severe lacerations would occur. The .030 thick vinyl interlayer would let a person's head form a concaveness in the glass and resist penetration. This .015 glass is still available and should be avoided. It might be argued the .030 interlayer makes the glass too thick and it won't go into the windshield frame - this is not true. Using a thinner glass surround will compensate for the difference.

Until about 1937, as I recall, regular non-safety glass was legal to install in a windshield. Even though Ford installed the laminated "Tri-Plex" windshield in the Model A, many were replaced with the cheaper regular glass.

It's easy to determine if your "A" has laminated safety glass in the windshield . . . tap it with a coin. A low pitch will occur if it's laminated. A high pitch will be heard if it's regular glass (no lamination). This same high pitch can be heard if you tap on the door glass of your modern car. That glass is tempered safety glass and cannot be installed legally in the windshield (in many foreign countries it is legal).

Match test: hold a lit match about an inch from the glass. Each piece of glass will give a dual reflection of flame tips. The distance between the tips is the thickness of the glass. On regular glass you'll see two flame tips. On laminated glass you'll see three tips but if you look very, very close you'll see a fourth tip way in the back (very faint).

Check your windshield. There are many still with the regular, non-safety glass in the windshield. If it's not laminated, I would think twice about driving that "A" until you got it replaced!

1931

SLANTING TYPE WINDSHIELDS

ROADSTER—DeLuxe. Model A. Type 40-B.	
693	Windshield 14x44
COUPE—Victoria. 5P. Model A. Type 190-A.	
693	Windshield 14x44
3249	Door 14x30
Size	*Quarter (19 ⁸ / ₁₆ x13 ³ / ₄ x14) 14x20
2250	Back 10x26
FORDOR SEDAN—Standard. 4D. Model A. Type 160A. DeLuxe. 4D-5P. Model A. Type 160-C.	
TOWN SEDAN—4D-5P. Model A. Type 160-B.	
693	Windshield 14x44
3275	Front Door 16x24
3276	Rear Door 16x26
3274	Quarter (Types 160-A, 160-B,) 16x16
2250	Back 10x26

1931-1930

Note: The 1931 Fords listed below do not apply to the 1931 Fords with slanting windshields and doors.

ROADSTER and PHAETON—Standard. Model A.	
463	Windshield 14x44
Size	*Back (15 ⁵ / ₈ x6) (1 ¹ / ₄ " R. Cors.) 6x16
ROADSTER—Sport. Model A.	
PHAETON—DeLuxe. Model A.	
674	Windshield 14x44
Size	*Back (15 ⁵ / ₈ x6) (1 ¹ / ₄ " R. Cors.) 6x16
COUPE—2P. Standard, DeLuxe. Model A.	
463	Windshield 14x44
Size	*Door (25 ¹ / ₈ x15 ⁷ / ₈) 16x26
2191	Quarter 12x14
2073	Back 12x24
COUPE—Sport. 2-4P. Model A.	
463	Windshield 14x44
Size	*Door (25 ¹ / ₈ x15 ⁷ / ₈) 16x26
Size	*Back (19 ⁵ / ₈ x8 ⁹ / ₁₆) (1 ¹ / ₂ " R. Cors.) 10x20
CABRIOLET—2-4P. Model A.	
463	Windshield 14x44
3151	Door 18x24
Size	*Back (15 ⁵ / ₈ x6) (1 ¹ / ₄ " R. Cors.) 6x16
TUDOR SEDAN—2D-5P. Model 54A and B.	
463	Windshield 14x44
Size	*Door (26 ⁷ / ₈ x16 ¹ / ₄) 18x28
Size	*Quarter (30 ³ / ₄ x16 ¹ / ₄) 18x32
2073	Back 12x24
FORDOR SEDAN—4D. Standard. Models 165A & C. (Murray Body).	
TOWN SEDAN—4D. Models 155A & C. (Murray Body).	
463	Windshield 14x44
3248	Front Door 18x24
3102	Rear Door 18x24
2159	Quarter 12x16
2158	Back 12x24

*Cut to Size. No Pattern Required.

FORD



1931-1930

FORDOR SEDAN—4D. Standard. Models 165B & D.
(Briggs Body).

4D. 2-Window. Standard, DeLuxe. Model A.

TOWN SEDAN—4-D. Models 155B, D. (Briggs Body).

NAGS Pattern		Block Size
463	Windshield	14x44
Size	*Front Door (24 $\frac{3}{8}$ x15 $\frac{1}{8}$ x15 $\frac{1}{2}$)	16x26
Size	*Rear Door (22 $\frac{5}{8}$ x15 $\frac{1}{2}$)	16x24
2190	Quarter (Briggs Body)	16x16
2073	Back	12x24

VICTORIA—2D-5P. Model A.

675	Windshield	14x44
3249	Door	14x39
Size	*Quarter (19 $\frac{9}{16}$ x13 $\frac{3}{4}$ x14)	14x20
2250	Back	10x26

1930

ROADSTER—Model 40B.

PHAETON—Model 35B.

452	Windshield	14x42
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ROADSTER—Sport.

PHAETON—DeLuxe.

463	Windshield (After Serial 2,742,696)	14x44
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COUPE—Sport. 4P. Models 50A and B.

463	Windshield	14x44
Size	*Door (25 $\frac{1}{16}$ x15 $\frac{7}{16}$)	16x26
Size	*Back (19 $\frac{5}{8}$ x8 $\frac{9}{16}$) (1 $\frac{1}{2}$ " R. Cors.)	10x20

CABRIOLET—Convertible. 2-4P. Models 68A & B.

463	Windshield	14x44
3151	Door	18x24
Size	*Back (15 $\frac{5}{8}$ x6) (1" R. Cors.)	6x16

FORDOR SEDAN—4D-5P. Model 60C. (Steel Back).

461	Windshield	14x44
Size	*Front Door (24 $\frac{1}{8}$ x15 $\frac{1}{8}$ x15 $\frac{1}{2}$)	16x26
Size	*Rear Door (22 $\frac{1}{4}$ x15 $\frac{3}{8}$ x15 $\frac{1}{2}$)	16x24
2073	Back	12x24

FORDOR SEDAN—4-D. 2-Window. Model A.

463	Windshield	14x44
Size	*Front Door (24 $\frac{3}{4}$ x15 $\frac{1}{8}$ x15 $\frac{1}{2}$)	16x26
Size	*Rear Door (22 $\frac{5}{8}$ x15 $\frac{3}{8}$ x15 $\frac{1}{2}$)	16x24
2073	Back	12x24

FORDOR SEDAN—4D. 3-Window. Model A.
(Ford Body).

TOWN SEDAN—4D. 3-Window. Model A.
(Ford Body).

463	Windshield	14x44
Size	*Front Door (24 $\frac{3}{8}$ x15 $\frac{1}{8}$ x15 $\frac{1}{2}$)	16x26
Size	*Rear Door (22 $\frac{5}{8}$ x15 $\frac{1}{2}$)	16x24
2190	Quarter	16x16
2073	Back	12x24

1929

ROADSTER and PHAETON—Model A.

452	Windshield	14x42
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COUPE—Sport. 2-4P. Model A.

COUPE—Business. 2-P. Model A.

Note: Two Different Sized Back Lights.

463	Windshield	14x44
Size	*Door (26 $\frac{3}{4}$ x16 $\frac{1}{8}$)	18x28
Size	*Back (19 $\frac{5}{8}$ x8 $\frac{9}{16}$) (1 $\frac{1}{2}$ " R. Cors.)	10x20
Size	*Back (15 $\frac{5}{8}$ x6) (1" R. Cors.)	6x16

*Cut to Size. No Pattern Required.

1929

CABRIOLET—Convertible. Model A.

NAGS Pattern		Block Size
463	Windshield	14x44
Size	*Door (23 $\frac{3}{4}$ x16)	16x24
Size	*Back (15 $\frac{5}{8}$ x6) (1" R. Cors.)	6x16

TUDOR SEDAN—2D-5P. Model A.

463	Windshield	14x44
Size	*Door (26 $\frac{3}{4}$ x16 $\frac{1}{8}$)	18x28
Size	*Quarter (30 $\frac{9}{16}$ x16 $\frac{1}{8}$)	18x32
2073	Back	12x24

FORDOR SEDAN—4D-5P. Model 60AB. Leather Back).

461	Windshield	14x44
Size	*Front Door (24 $\frac{1}{8}$ x15 $\frac{1}{8}$ x15 $\frac{1}{2}$)	16x26
Size	*Rear Door (22 $\frac{1}{4}$ x15 $\frac{3}{8}$ x15 $\frac{1}{2}$)	16x24
2073	Back	12x24

SEDAN or TOWN SEDAN—DeLuxe. 4D. 3-Window. Model A.

463	Windshield	14x44
3101	Front Door	18x24
3102	Rear Door	18x24
2159	Quarter	12x16
2158	Back	12x24

1929-1928

COUPE—2P. Standard and Special. Model A.

463	Windshield	14x44
Size	*Door (26 $\frac{3}{4}$ x16 $\frac{1}{8}$)	18x28
2160	Quarter	12x16
2073	Back	12x24

1928

TOURING and ROADSTER—Model 35-A.

452	Windshield	14x42
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COUPE—Business. Model 45-A.

463	Windshield	14x44
Size	*Door (26 $\frac{3}{4}$ x16 $\frac{1}{8}$)	18x28
Size	*Back (15 $\frac{5}{8}$ x6) ($\frac{3}{4}$ " R. Cors.)	6x16

COUPE—Convertible. Model A.

463	Windshield	14x44
Size	*Door (26 $\frac{11}{16}$ x16 $\frac{1}{4}$)	18x28

TUDOR SEDAN—2D. Model A.

463	Windshield	14x44
Size	*Door (26 $\frac{3}{4}$ x16 $\frac{1}{8}$)	18x28
Size	*Quarter (30 $\frac{9}{16}$ x16 $\frac{1}{8}$)	18x32
2073	Back	12x24

FORDOR SEDAN—4-D. Model A.

461	Windshield	14x44
Size	*Front Door (24 $\frac{1}{8}$ x15 $\frac{1}{8}$ x15 $\frac{1}{2}$)	16x26
Size	*Rear Door (22 $\frac{1}{4}$ x15 $\frac{3}{8}$ x15 $\frac{1}{2}$)	16x24
2073	Back	12x24

*Cut to Size. No Pattern Required.