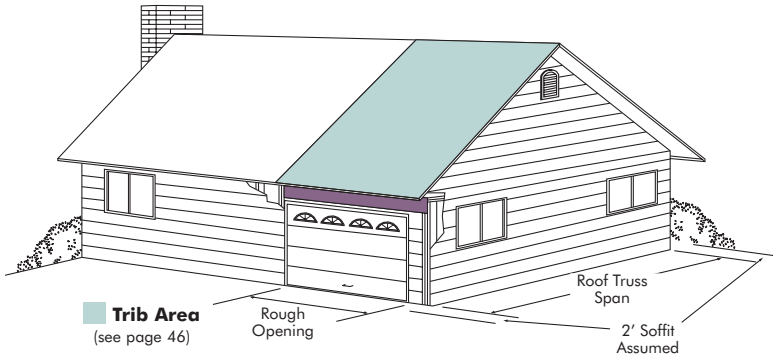


1-STORY GARAGE DOOR HEADERS



This table indicates the appropriate size header for various roof truss spans with 2' soffit. If the soffit is greater than 2', additional engineering is necessary.

1-STORY – 1.8E RIGIDLAM LVL

Roof Loading		Snow (115%)									Non-Snow (125%)								
		25 psf LL + 20 psf DL			30 psf LL + 20 psf DL			40 psf LL + 20 psf DL			20 psf LL + 15 psf DL			20 psf LL + 20 psf DL			20 psf LL + 25 psf DL		
Rough Opening		9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"
Roof Truss Span with 2' Soffit Assumed	20'	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 14"	2 - 14"	2 - 9½"	2 - 14"	2 - 16"	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 11⅞"	2 - 14"
		3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 9½"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 11⅞"
	24'	2 - 9½"	2 - 14"	2 - 14"	2 - 9½"	2 - 14"	2 - 16"	2 - 9½"	2 - 16"	2 - 18"+	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 14"	2 - 14"
		3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 14"
	28'	2 - 9½"	2 - 14"	2 - 16"	2 - 9½"	2 - 14"	2 - 16"+	2 - 9½"	2 - 16"+	2 - 18"+	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 14"	2 - 14"	2 - 9½"	2 - 14"	2 - 16"
		3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 14"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"
	32'	2 - 9½"	2 - 14"	2 - 16"+	2 - 9½"	2 - 16"+	2 - 18"+	2 - 9½"	2 - 18"+	-	2 - 9½"	2 - 14"	2 - 14"	2 - 9½"	2 - 14"	2 - 16"	2 - 9½"	2 - 14"	2 - 16"+
		3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 14"	3 - 14"	3 - 9½"	3 - 14"	3 - 16"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"
	36'	2 - 9½"	2 - 16"+	2 - 18"+	2 - 9½"	2 - 16"+	2 - 18"+	2 - 11⅞"	2 - 18"+	-	2 - 9½"	2 - 14"	2 - 16"	2 - 9½"	2 - 14"	2 - 16"+	2 - 9½"	2 - 16"+	2 - 16"+
		3 - 9½"	3 - 14"	3 - 14"	3 - 9½"	3 - 14"	3 - 16"	3 - 9½"	3 - 14"	3 - 16"+	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 14"	3 - 14"

1-STORY – 2.0E RIGIDLAM LVL

Roof Loading		Snow (115%)									Non-Snow (125%)								
		25 psf LL + 20 psf DL			30 psf LL + 20 psf DL			40 psf LL + 20 psf DL			20 psf LL + 15 psf DL			20 psf LL + 20 psf DL			20 psf LL + 25 psf DL		
Rough Opening		9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"	9' 3"	16' 3"	18' 3"
Roof Truss Span with 2' Soffit Assumed	20'	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 14"	2 - 14"	2 - 9½"	2 - 11⅞"	2 - 11⅞"	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 11⅞"	2 - 14"
		3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 9½"	3 - 11⅞"	3 - 9½"	3 - 9½"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 11⅞"
	24'	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 14"	2 - 14"	2 - 9½"	2 - 14"	2 - 16"	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 11⅞"	2 - 14"
		3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 9½"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 11⅞"
	28'	2 - 9½"	2 - 14"	2 - 14"	2 - 9½"	2 - 14"	2 - 16"	2 - 9½"	2 - 16"+	2 - 18"+	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 14"	2 - 14"
		3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 14"
	32'	2 - 9½"	2 - 14"	2 - 16"	2 - 9½"	2 - 14"	2 - 16"+	2 - 9½"	2 - 16"+	2 - 18"+	2 - 9½"	2 - 11⅞"	2 - 14"	2 - 9½"	2 - 14"	2 - 14"	2 - 9½"	2 - 14"	2 - 16"
		3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 14"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 11⅞"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"
	36'	2 - 9½"	2 - 14"	2 - 16"+	2 - 9½"	2 - 16"+	2 - 18"+	2 - 9½"	2 - 18"+	-	2 - 9½"	2 - 14"	2 - 14"	2 - 9½"	2 - 14"	2 - 16"	2 - 9½"	2 - 14"	2 - 16"+
		3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 14"	3 - 14"	3 - 9½"	3 - 14"	3 - 16"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"	3 - 9½"	3 - 11⅞"	3 - 14"

+ see note 2

Notes:

- Header sizes are listed as the number of 1¾" thick pieces by the header depth. e.g. 2 - 9½" indicates two 1¾" pieces by 9½" deep.
- The minimum required bearing length (based on 700 psi) is 3' unless the + symbol is shown. In that case, 4½" is required.
- All headers require support across their full width. Use 2x4 cripples for two piece headers and 2x6 cripples for three piece headers.
- The roof framing is assumed to be trusses supported by the exterior walls only.
- Deflection is limited to L/240 at live load and L/180 at total load.