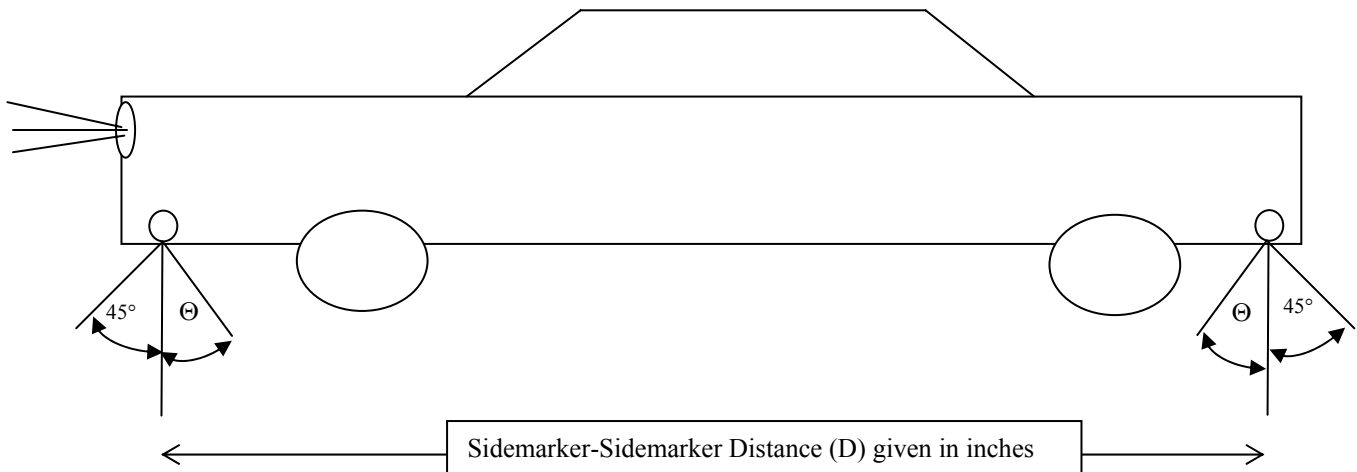


SIDEMARKER INBOARD ANGLE DETERMINATION



The inboard test angle that must meet the requirements is:

$$\Theta = \tan^{-1}(D/360'')$$

Example:

1999 Honda Civic

Sidemarker – Sidemarker Distance (D) = 145''

$$\Theta = \tan^{-1}(145''/360'') = 21.9^\circ$$

Therefore the front and back sidemarkers must meet the requirements for all angles from 45° outboard to 21.9° inboard.