

Standard Car Truck Company.

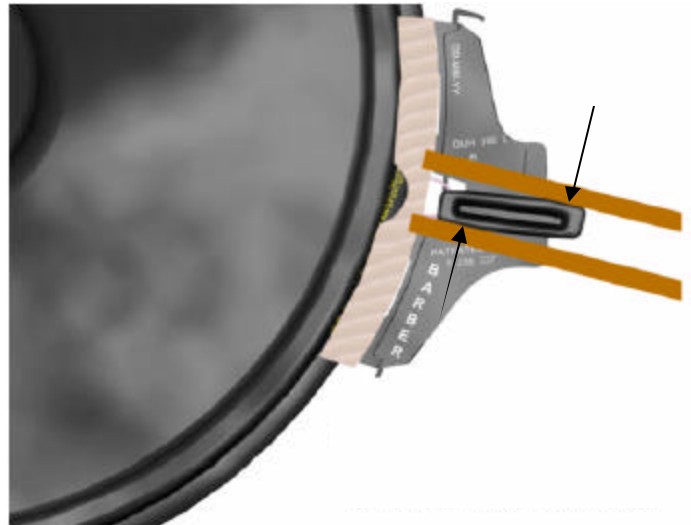
Product Bulletin

August 2007

Barber Brake Beam - Diagonally Corrected Advantage

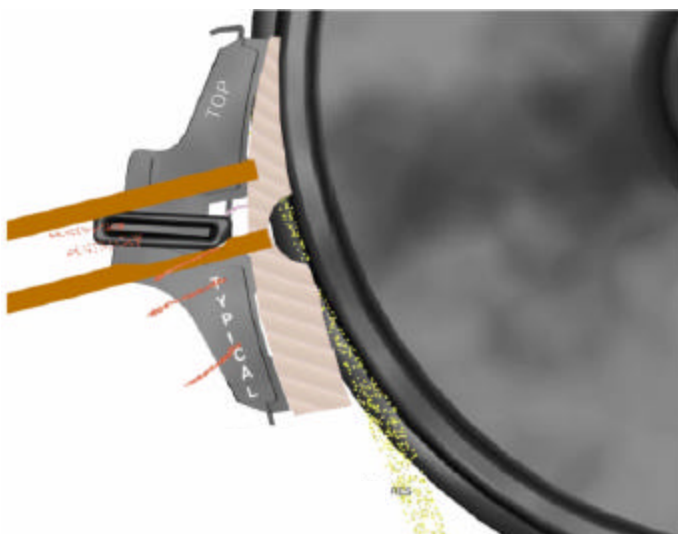
Today, conventional in-line 14 degree brake beam end extensions are a thing of the past. For many years, most brake beams have been made with ends that are corrected 1 degree for the rotation the beam makes before the diagonally opposite edges of its ends make contact with the guide pocket wear liner surfaces. These "angle-corrected" brake beam ends were designed to reduce the kind of tapered brake shoe wear that would result from the rotation allowed by the conventional, old in-line end design.

Time in service has shown that the typical angle-corrected brake beam designs wear to allow brake beam rotation, and tapered brake shoe wear. Because the angle-corrected beams rely on the small rounded edges of the ends to brace against rotation, they more rapidly wear themselves and the guide liners they ride in and eventually allow rotation to occur anyway. Many brake shoes are changed out prematurely, due to tapered wear, as a result.



Diagonally-Corrected Barber Brake Beams have the added advantage of two wide, flat, diagonally-opposed surfaces set at the correct angle to interface flush with the guide pocket liner. These matched mating surfaces create a highly durable interface, that keep the brake beam and brake shoe aligned substantially longer. Diagonally-Corrected Barber Brake Beams slide better as a result, and provide more even, trouble-free braking.

Barber Brake Beam offers a full line of brake beam products. Visit us at our website at www.brakebeams.com and make Barber Brake Beam your beam of choice. Call your Standard Car Truck Company Sales Manager today for more details.



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