

Bulletin BPI 13-06

Subject: Safety issues using lightweight rotors

Vehicle Involved: All

Condition: Catastrophic examples when rotors fail

Repair Procedure: Some rotor manufactures do not follow OE fit, form and function and possibly even worse, do not use proper forging techniques and metallurgy. If these inferior rotors are used on a vehicle and separation of the center hat from the plate section occur, it will cause total loss of braking at that wheel and possibly extensive damage to vehicle.

Raybestos rotors are manufactured to the highest standards using proper metals and conforming to all specifications. We realize there will always be a less expensive alternative to our product, but at what cost to you and your customer. Always explain all the facts to your customer and help them make the correct choice for their vehicle.



This is the hat section of the rotor still attached to the wheel hub. Notice the actual braking surface or plate is totally missing

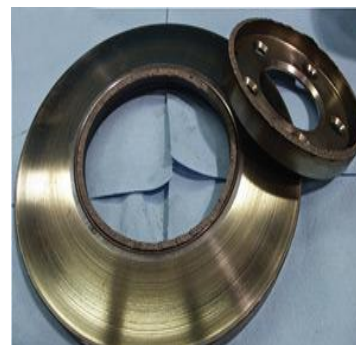


This is the hat and plate completely separated. Poor casting or not following OE design may have caused this.

We have actually weighed our rotors and compared it to some of our competitors. In some cases we've seen over 20% weight reduction by eliminating vanes, increasing airgap between plates and not using OE design.



Here is an example of a poorly designed lightweight truck rotor next to ours. Would you install the rotor on the left on your customer's truck?



There is usually other damage to the vehicle. In this case the tire and wheel. Body damage occurs when tire contacts fender.