BRAKE THROUGH

BRAKE DISCS
Vehicles are exposed to environmental elements which cause corrosion, such as snow, ice, road salt and acid rain. The Ferritic Nitrocarburising (FNC) process makes it easier to maintain clean brakea, important for safety critical components. Bodycote’s FNC treatment strengthens the surface providing optimal corrosion protection and wear.

- Brake rotors are treated in Bodycote’s proprietary FNC furnaces. In a nitrogen enriched atmosphere, the rotor surfaces are hardened and strengthened.
- The braking surfaces are finish machined.
- The brake rotors begin life as iron sand castings.
- The parts are stress relieved to eliminate stress introduced in the casting process.
- The parts are inspected and tested for core hardness. After this, the parts are painted and assembled into the brake systems.

BODYCOTE COMPONENT JOURNEYS
This is just one example of how Bodycote brings together the huge wealth of knowledge and expertise from across the Group to provide the vital engineering services our customers need.

For more component journeys visit www.bodycote.com

End application - Automobile or light truck.

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