

**Cost**

**Saving**

**Design**

**Ideas**

# Designs in Ductile Iron

- CASTING APPLICATION** Shift Lever  
Shifter For 4 x 4  
Transfer Case
- SPECIFICATION REDESIGN** SAE J-434C (D4512)  
From Weldment that  
was Reinforced with  
Multiple Stampings
- COST SAVINGS** Greatly Reduced Price  
and Tooling Costs
- DESIGN ADVANTAGES** Combined More  
Functions Into Casting;  
Improved Test Life;  
Better Shift Feel
- SIZE & WEIGHT** 6" x 3"
- COMPANY FOUNDRY** Ford Motor Co.  
Wagner Casting  
Decatur, IL



- CASTING APPLICATION** U-Joint Slip Yoke  
Truck Drive Shaft  
Connector
- SPECIFICATION** ASTM A-536  
(100-70-03)
- REDESIGN** From Steel Forging
- COST SAVINGS** Cost Reduced 47%
- DESIGN ADVANTAGES** Produced Reliable Part  
with Lower Machining  
and Material Costs.
- SIZE & WEIGHT** 18 lbs.
- COMPANY FOUNDRY** Dana Corp.  
Dana Corp.  
New Castle, IN



**DUCTILE IRON GROUP**