

GE Mining  
Industrea

# BULLETIN 30064

**MK4.5 MINECRUISER STEER AXLE**



Prepared for: Industry

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**Title:** Mk4.5 MineCruiser Steer Axle

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**Client Reference:**

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**Synopsis:** This Bulletin advises steer axle failure hazard.

## 1.1 Revision / Checking History

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## 1.2 Distribution

DESTINATION	1.2.1.1 REVISION NUMBER									
	A	B	C	D	E	F	G	H	I	J
GE Industrea Library	1									
Sales Industry	1									

## BULLETIN Mk4.5 Steer Axle

**GE Industrea has been notified of front axle failures at the king pin joint that have caused the separation of the front wheel from the vehicle.**



### **Communication: Mk4.5 MineCruiser Design Life**

Mk 4.5 MineCruisers with ZF axles were manufactured up until 2008. This product is now approaching or has exceeded the end of design life. Arduous conditions in underground coal mines subject the vehicles to fatigue, corrosion, and general wear and tear.



### **Communication: Steer Axle Inspection**

GEI recommend that to continue operating the Mk4.5 vehicles, maintenance and inspection is required to ensure the vehicles remain sound. Inspection should include the disassembly of the steer axle to enable crack testing of the king pin joint and axle housings. GEI recommend that inspection should be made during suitable scheduled maintenance.



### **Communication: Spare part supply**

The supplies of cast housings for the axle are no longer readily available from the OEM (Original Equipment Manufacturer) of the axle. Please contact GEI for current availability.

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