

LUG STUD CHALLENGE

NATEF Standard(s) for Manual Drive Train & Axles:

E3-2 Inspect and replace drive axle shaft wheel studs.

Directions: Read the challenge below and then list (1) possible causes, (2) Safety First Practices, and (3) Tools and Equipment Required if a technician were to perform a Quick ✓ Check.

CUSTOMER'S CONCERN
I have a flat tire. I tried to remove the wheel, but I couldn't loosen the lug nuts. I broke two lug studs and am afraid I'll break more. Could you send a tow truck? Customer Vehicle: Hyundai Elantra.

Possible Causes of This Challenge:
1. _____
2. _____
3. _____
4. _____
5. _____

Safety First Practices to Follow to Quick ✓ Check This Challenge:
1. _____
2. _____
3. _____
4. _____

Tools and Equipment Required to Quick ✓ Check This Challenge:
1. _____
2. _____
3. _____
4. _____
5. _____