

ANSWER KEY TO CHALLENGE SHEET

LUBRICATION SYSTEM CHALLENGE

Customer's Concern: My transmission is making a whining noise at highway speeds.

Customer Vehicle: Pontiac GTO.

Possible Causes of This Challenge:

1. Low lubricant level due to leakage.
2. Oil slinger damaged.
3. Oil dams blocked with debris and restricting lubricant flow.
4. Chipped gears due to abuse.
5. Bearings damaged by lack of lubricant.

Safety First Practices to Follow:

1. Wear safety glasses at all times.
2. Follow vehicle and lift operator's manuals for proper lifting procedures.
3. Follow service manual procedures for transaxle removal.
4. Use a parts washer to clean clutch dust.

Tools and Equipment Required:

1. Hand tools.
2. Transmission specialty tools.