

Identify Torsen differential power flow

Student Name _____

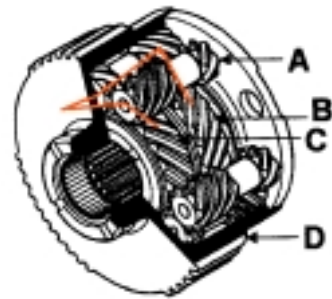
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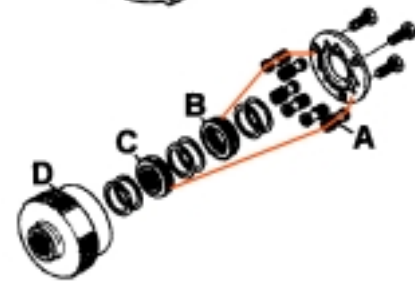
1. Draw a line through the parts of the two differentials to show the power flow.

2. Identify the differential parts.

- A. **Element Gear** _____
- B. **Side Gear** _____
- C. **Side Gear** _____
- D. **Differential Case** _____



3. Power enters at part(s) D and leaves at part(s) B & C.



4. What are parts A doing while the vehicle is traveling straight ahead?

They are stationary in the case and rotating with the case

5. What are parts A doing while the vehicle is turning a corner?

They are rotating in opposite direction to each other and rotating with the case