Problem 1.26
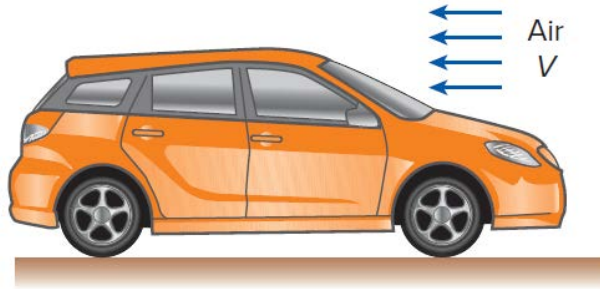
The drag force exerted on a car by air depends on a dimensionless drag coefficient, the density of air, the car velocity, and the frontal area of the car. That is, $F_D =$ function $(C_{Drag}, A_{front}, \rho, V)$. Based on unit considerations alone, obtain a relation for the drag force.

FIGURE P1–26