

John Deere

MODEL:

40 Series Tractor

**SERVICE
MANUAL**



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web 3 2 2 references what is reflection when a ray of light comes back into the same medium after striking the surface of another medium then the phenomenon is called reflection of light in other words reflection is the bouncing back of the light rays from a surface in the same medium what is refraction

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web 692 reflection and refraction of light p25 9 a as measured from the diagram the incidence angle is 60° and the refraction angle is 35° from snell's law $\sin \theta_1 / v_1 = \sin \theta_2 / v_2$ then $\sin 35^\circ / 60 \times 10^8 \text{ m/s} = \sin \theta_2 / 20 \times 10^8 \text{ m/s}$ and the speed of light in the block is $20 \times 10^8 \text{ m/s}$ b the frequency of the light does not change upon refraction

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