Agricultural Engineering: Cutting through Soil Activity – The Parts of a Plow Handout

Coulter – A sharp wedge that goes in front of the share and cuts vertically through the soil.

Plowshare – the wedge shaped piece that cuts the soil horizontally.

Moldboard – A curved piece above the plowshare that turns the soil over as it is cut by the plowshare.

Handles – used by the operator to control the plow.

Beam – the main support of the plow.

Hitch – used to attach the plow to the horse or oxen.

Source: [http://www.fhwa.dot.gov/environment/Fspubs/96232802/fig15.jpg](http://www.fhwa.dot.gov/environment/Fspubs/96232802/fig15.jpg)
Another Example Plow

Can you label the parts in the picture below?

Source: http://www fhwa dot gov/environment/ Fspubs/96232802/fig14.jpg

What part is this plow missing?

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