

E.Z. simplifies hauling, unloading pipe rack

UNLOADING long, heavy culvert pipes from a roof rack can be difficult for one person. Pat Zimmerman, culvert and drainage foreman in Johnson County Secondary Roads, has designed and built a solution—an E.Z. rack.

The E.Z. rack is an adaptation of a standard roof rack. On the E.Z. rack, the outside tines will drop 90 degrees and lay parallel to the ground when it's time to unload. Just give a pipe a push, and it drops to the ground.

To build the E.Z. rack, Zimmerman used 1 1/2-inch square tubing. He replaced the roof rack's original outside tines with longer ones (they need to be long enough to keep the pipe being unloaded from dropping on the mirror) and added a pivot point and a stop. He made the right side of the rack large enough to handle culvert pipe up to 24 inches by 30 feet.

Both outside tines need to drop at the same time. They are controlled by a lever at the rear of the truck. The lever releases two spring-loaded pins, which hold the tines in their regular upright position.

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removal of the affected skin, perhaps in conjunction with chemotherapy, biological therapy, or radiation therapy.

However, when a melanoma becomes thick and deep, the disease often spreads to other parts of the body and is difficult to control.

For more information

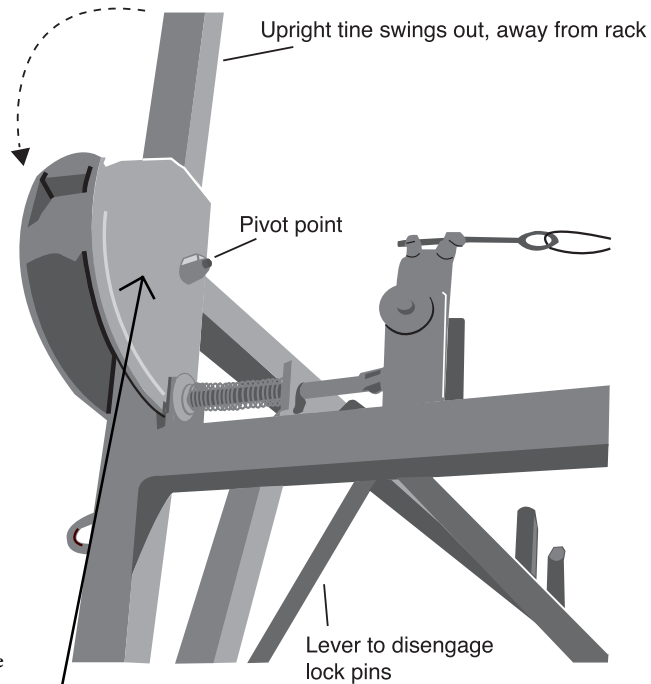
Some of the information in this article was found on the National Cancer Institute's excellent website, www.nci.nih.gov/CancerInformation/.

To contact a dermatologist in your area, contact the American Academy of Dermatology (AAD), 888-462-DERM (3376), or visit the AAD website, www.aad.org.

Thanks to the International Slurry Surfacing Association Report for allowing us to adapt information from the May/June 1998 article, "Working Under the Sun: A Catch-22 for Road Workers." •

The E.Z. rack also eliminates the need for hitching up a trailer to transport culvert pipe. That saves hook-up time and fuel.

For more information about the E.Z. rack, contact Pat Zimmerman, 319-256-6046. •



The E.Z. rack tines have been lowered (top photo), and the rack is ready for its load. Once a pipe has been loaded (bottom photo), the tines are returned to their regular upright position.

