



Service Note		N0203023
		2002-12

## MOWING BLADE SERVICE

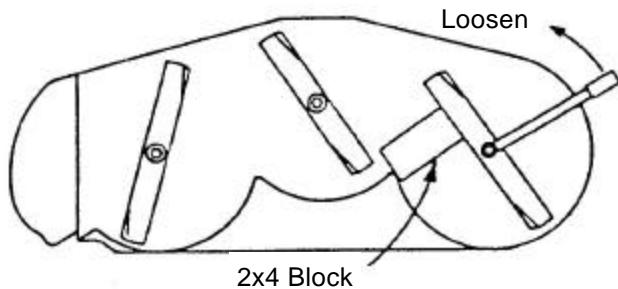
### BLADE REMOVAL & INSTALLATION

**WARNING:** Do not work under the mower or mowing deck unless it is securely supported by a suitable hoist, floor jack, and jackstands.

Remove mowing blades for sharpening or replacement as follows.

Raise the front of the mower and place it on suitable jackstands.

A piece of 2 x 4 block as shown should be used to prevent the blade from turning during loosening or tightening.



When installing blade components, make sure the blade is installed with the "sail" (curved edge) upward toward the deck. Torque the 5/8" blade bolt to 90 ft. lbs. (122 N.m).

**IMPORTANT:** Recheck and retorque the blade bolts after the first hour of operation, and daily thereafter.

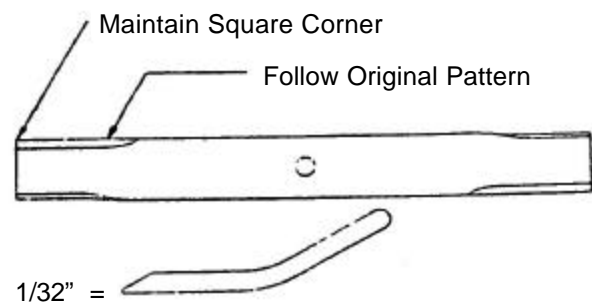
### BLADE SHARPENING

Inspect the mowing blades before each use to be sure they are in good condition. Dull blades will give a poor cut and nicked or damaged blades will cause excessive vibration that could damage other mower components.

Replace any blade that is bent, nicked, excessively worn, or has other damage. Use only genuine Husqvarna blades on the mowing deck.

**WARNING:** To avoid injury when handling blades, wear heavy gloves or wrap the cutting edge of the blade with a towel or rag.

Sharpen the blades following the original. DO NOT sharpen to a knife edge, but rather leave a 1/32 inch edge as shown.



When using a bench grinder or cutting disc, be careful the edge does not get too hot. High temperature from friction will cause the blade to lose its hardness.

### BLADE BALANCING

**IMPORTANT:** When sharpening blades, remove the same amount of material from each blade end to maintain balance. Unbalanced blades will cause excessive vibration which could damage mower spindle bearings, the PTO clutch, deck belts, etc.

Check the blade for balance by placing it on an inexpensive balancer, available at most hardware stores or lawn mower repair centers. If a balancer is not available, clamp a small diameter rod or a small shank screwdriver in a bench vise. Place the blade on the rod as shown. The heavy side of the blade will drop down. Sharpen on the heavy side until the blade remains balanced on the rod.

