DTCHINTR(b)   DTCHINTR(b)

NAME
    dtchintr − detach a process from an interrupt

SYNOPSIS
    (dtchintr = 18.)
    dtchintr(process, vector)
    int process;   /* process number */
    int vector;   /* device vector address */

DESCRIPTION
    Dtchintr detaches the process *process* from the interrupt vector at address *vector*. The entry
    point for the process is cleared as well as the device control register. This EMT trap is provided
    to enable the disabling of interrupts for a device. If a process is not attached to a device, inter-
    rupts for this device are ignored. A value of 1 is returned from C.

    In assembly language, the following registers must be set up:
        r0   vector address
        r1   process number
    The c-bit is cleared for a normal return.

SEE ALSO
    atchintr(b), attach(a), detach(a).

DIAGNOSTICS
    A value of zero is returned from C if the process does not exist or the vector address is out of
    range.

    In assembly language, the c-bit is set to indicate an error.

FUTURE AND DMERT DIAGNOSTICS
    A -1 is returned if the process does not exist or the interrupt vector is invalid.