

# T/OS SETDAY Patch Program

## Description

This T/OS™ Patch Program corrects an Error 40 condition in the SETDAY directive that occurs when any field is zero. For T/OS Version 6.8.2 the patch allows setting the year to zero while still prohibiting zero in the month and day fields. For all other T/OS versions the patch allows any field to be set to zero. Thoroughbred Basic™ programs that depend on SETDAY rejecting month zero or day zero must be modified appropriately or T/OS must be upgraded to version 6.8.2.

The program is capable of removing its patch if needed. It can be used to patch a running system or other media. In all cases the system must be rebooted for the patch to become effective.

## Distribution

The patch program, DAYPATCH, and a patch data file, DAYDATA, are distributed on a standard T/OS diskette. Patches are available for T/OS versions 6.6, 6.6.2, 6.7.0, 6.7.1, 6.7.2, 6.8.1, and 6.8.2.

## Operation

1. Insert the distribution diskette into the diskette drive and use the \*UPSD Utility to enable the directory on an available disk.
2. If you are patching a T/OS boot diskette and have only one diskette drive, use the \*SPSD Utility to copy DAYPATCH and DAYDATA to a hard disk directory. Then use \*UPSD again to remove the patch diskette and enable the boot diskette.
3. Run the patch program by entering **RUN "DAYPATCH"** from console mode or by entering **DAYPATCH** at the T/OS UTILITIES prompt.
4. The program starts with a warning about its purpose. Enter **Y** if you are ready to proceed, otherwise enter **N**.
5. Select the device to patch. Enter a two character device name after the following message:

```
ENTER DEVICE NAME (XX,YY) ('CR'=XX)
```

6. If a patch is available for the selected device the program displays:

```
VERIFIED PATCH FOR VERSION 'I6.x.x'
```

```
DO YOU WANT TO CONTINUE? (Y/N)
```

7. If the selected device is already patched the program displays:

```
VERSION 'I6.x.x' IS ALREADY PATCHED!
```

```
DO YOU WANT TO REMOVE THE PATCH? (Y/N)
```

8. If you enter **Y** to the question in either step 6 or step 7, the operation will be performed and the program will display:

```
PATCH OPERATION SUCCESSFUL!
```

9. If you patched the version of T/OS that is running, the program will display a reminder that T/OS must be rebooted. Otherwise the program will return to the UTILITIES menu. Be sure to use the \*UPSD Utility before removing a diskette.

## Messages

The patch program can produce messages followed by 'CR' TO CONTINUE. A description of the cause and program action is included for each message.

**NO DISKS ARE CONFIGURED ON THIS SYSTEM!**

A disk or diskette device to be patched must be configured. The program will terminate.

**CAN'T FIND BASIC ON DEVICE 'XX'.**

The selected device does not contain a bootable T/OS. The program will ask for another device. Exit the program and use \*UPSD if you need to switch diskettes.

**CAN'T IDENTIFY BASIC ON DEVICE 'XX'.**

Either the T/OS is corrupted or too old. The program will ask for another device. Exit the program and use \*UPSD if you need to switch diskettes.

**THERE IS NO PATCH AVAILABLE FOR T/OS ON DEVICE 'XX'.**

The program will terminate.

**CAN'T FIND FILE 'YYYY' ON DEVICE 'XX'.**

T/OS file YYYY is required to complete the patch. The program will terminate.

**ERROR NN OCCURRED OPENING 'YYYY'.**

T/OS file YYYY is required to complete the patch. Refer to the T/OS system documentation for information about ERROR NN. The program will terminate.

**CAN'T FIND FILE 'DAYDATA'.**

This file is required to complete the patch. The program will terminate.

**FILE 'DAYDATA' IS CORRUPT.**

The checksum of this file is not what the program expected. The program will terminate.

**DEVICE 'XX' IS BUSY! 'CR' TO RETRY OR 'F4' TO END.**

Another program is using files that prevent the patch program from continuing. If other tasks are stopped, press **CR**. Otherwise press **F4** and rerun the program when the system is idle.