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**Service Hints & Tips**

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**IBM PS/2 - False XGA-2 error code 02581800 or 024318XX**

**Symptom:**

The XGA-2 diagnostics report a \*\* error. The video functions properly, POST completes without error, and advanced diagnostics fail only with a \*\* error.

\*\* 02581800 error (System board XGA-2 9556/57)

\*\* 024318XX error (XGA-2 Display Adapter)

**Problem Isolation Aids:**

Check the date of the XGA-2 diagnostic files. Files dated 03/05/93 or earlier can generate a false 02581800 error on current level systems with integrated XGA-2 or with the current level XGA-2 option adapter installed.

**On PS/2s With System Partition:**

Backup the system partition using the Backup/Restore System Programs option on the main menu. The XGA-2 diagnostic file date can then be viewed on the backup diskette directory. XGAANI.DGS for XGA-2 Adapter XGAPNI.DGS for integrated system board XGA-2 (9556/9557).

**On PS/2s Without System Partition:**


The XGA-2 diagnostic file date can be viewed on the Reference Diskette directory. XGAANI.DGS for XGA-2 Adapter

**Fix:**

Use XGA-2 diagnostic files dated 03-06-93 or later. Files must be updated using the Copy an Option Diskette function from the System Partition Main Menu, or Reference Diskette. The two new corrected files are:

XGAANI.DGS 03-06-93 for the XGA-2 Display Adapter/A

XGAPNI.DGS 03-06-93 for integrated system board XGA-2

These files are available on the current XGA option diskette. A copy can be obtained (version 2.20) by clicking the following icon  .

**SAS KEYWORDS :**

|          |          |          |          |
|----------|----------|----------|----------|
| PSY2     | PSY2DIAG | PSY2ERR  | 25818    |
| D/T8555  | D/T8560  | D/T8565  | D/T8570  |
| D/T8573  | D/T8580  | D/T9585  | D/T8590  |
| D/T8595  | D/T9556  | D/T9557  | D/T9576  |
| D/T9577  | D/T9595  | D/T8556  | D/T8557  |
| D/T95XX  | 2581800  | XGA2     | XGA-II   |
| PSY2ADPT | PSY2DISP | XGA      | 02431810 |
| 02431820 | 02431830 | 02431840 | 02438150 |
| 02431860 | 02431870 | 2431820  | 2431830  |
| 2431840  | 2431810  | 2431850  | 2438150  |
| 2431860  | 2431870  |          |          |

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Model **all**  
TypeModel  
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Reverse Doclinks and Admin Purposes