

SAFE OPERATING PROCEDURE

Workstation HDD Replacement Procedure.

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<p>Applicable To:</p> <p>CBP-19SW-THS Server Workstation HDD Replacement Procedure.</p>	<p>For Technical Assistance Referral, Call:</p>  <p>22355 TAG Way Dulles, VA 20166 Tel: 1-800-824-7693 www.tag.com</p> <p>Technical Support USA 1-800-824-7693</p>
<p>This equipment was tested and met all specified requirement</p>	
<p>Engineering Approval:</p>	<p>Quality Assurance Approval:</p>

Scope and Frequency:	This procedure should be carried out as required.
Tools Required:	2.5 Hex Head Driver No 1 Screw Driver No. 2 Screw Driver
Preparation:	
Permit Requirements:	Permit from Chief Engineer
Communication Requirements:	None
Indoctrination Requirements:	None

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Other Preparatory Steps:	None
Trade or Position:	Experienced Instrument Technician
Safety Precautions:	<ul style="list-style-type: none"> • Adhere to directions. • Proceed with caution around electrical equipment.
Calibration	NONE
Purpose	To Remove and Replace the Workstation HDD.
Specification:	This Procedure method is approved by TAG
Procedure 1, Upgrade	This procedure sets out the steps to replace the Workstation HDD.
Personal Protective Equipment:	NONE

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PROCEDURE

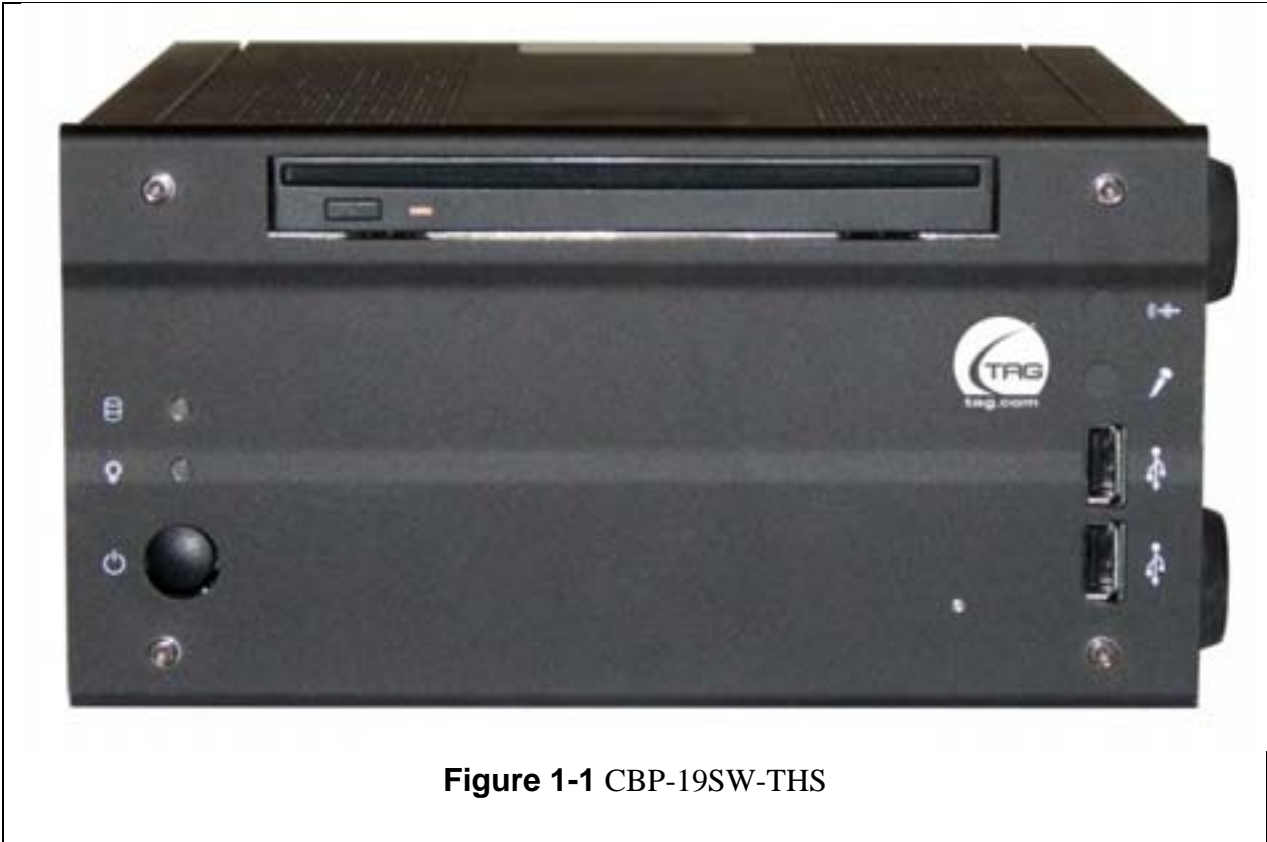


Figure 1-1 CBP-19SW-THS

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1.0 Remove HDD Procedure	1.1	Ensure all power is removed from the Server.
	1.2	Remove four (4) Face Plate retaining screws. (Figure 1-2).



Figure 1-2 Remove Face Plate Screws.

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1.3

Face Plate Removed including 2.5mm Hex Driver. (Figure 1-3).



Figure 1-3 Face Plate Removed.

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1.4

Turn Unit over so that the Top Side is uppermost. Remove two (2) **Top Cover Plate** retaining Thumb Screws. (Figure 1-4).



Figure 1-4 Top Cover Retaining Screws.

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1.5

Slide off the **Top Cover Plate** (Figure 1-5).

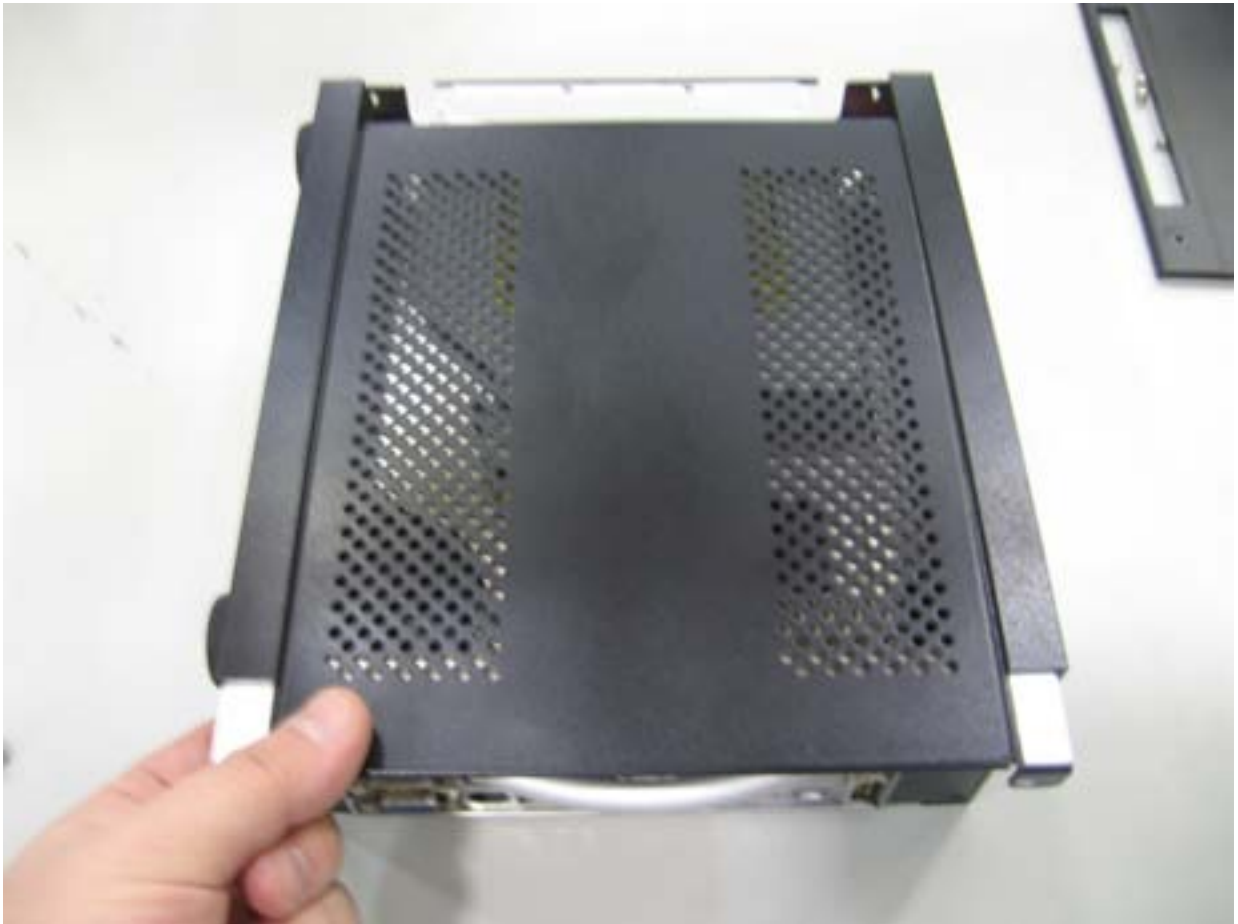


Figure 1-5 Remove caddy screws and Top Cover Plate.

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1.6

Turn unit on its side and remove two (2) **Face Plate** retaining screws. (Figure 1-6).



Figure 1-6 Remove Face Plate Screws.

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1.7 Turn unit around and remove the two (2) **Back Plate** retaining screws. (Figure 1-7).



Figure 1-7 Removing Back Plate Retaining Screws.

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1.8

Remove Base Plate. (Figure 1-8).

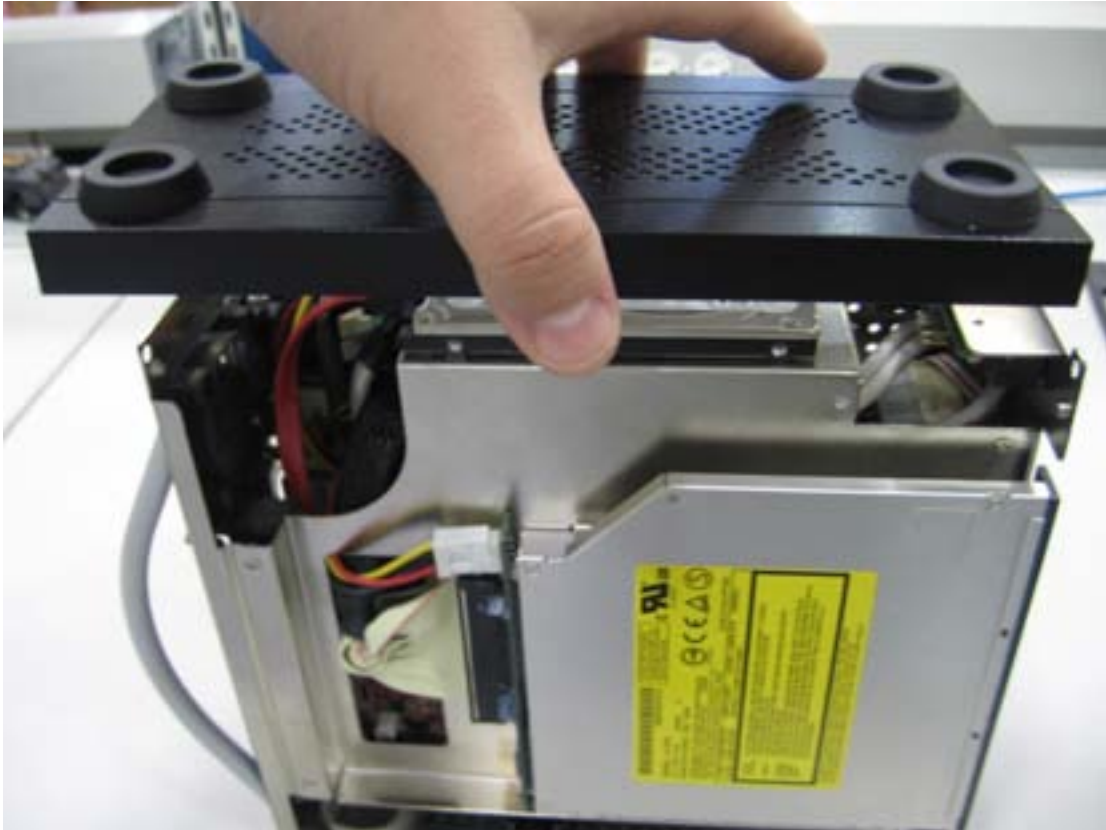


Figure 1-8 Remove Base Plate.

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1.9

This will expose the **HDD** and **CD-ROM**. (Figure 1-9).



Figure 1-9 Exposed HDD and CD-ROM.

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1.10

Remove retaining screws from **HDD/CD-ROM** caddy. (Figure 1-10).



Figure 1-10 Removing HDD Caddy Screws.

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1.12 Rotate and remove HDD/CD-ROM caddy. (Figure 1-12).



Figure 1-12 Remove HDD/CD-ROM Caddy.

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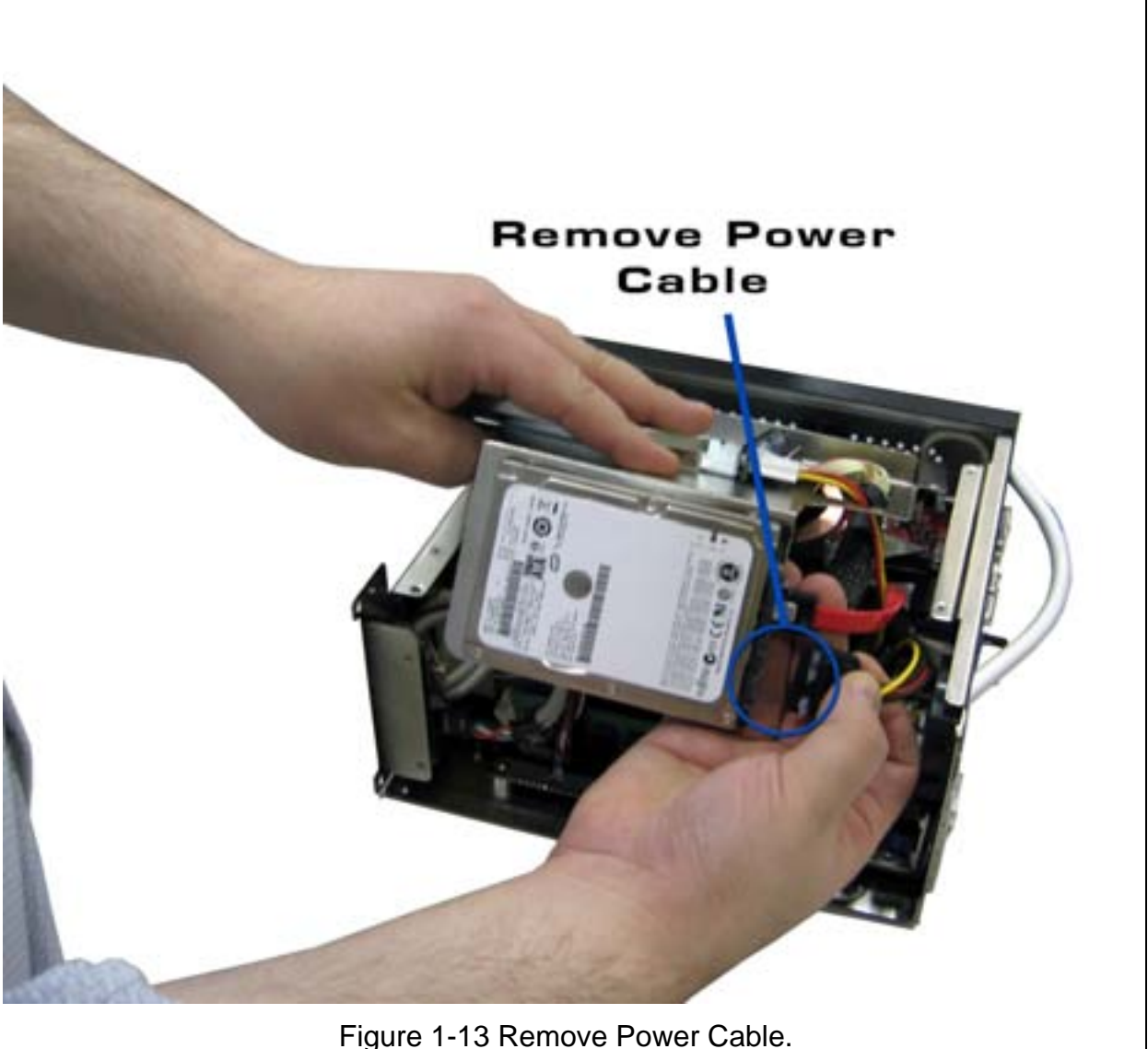
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1.13

Remove Power Cable. (Figure 1-13).



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1.14

Remove Data Cable (Figure 1-14).

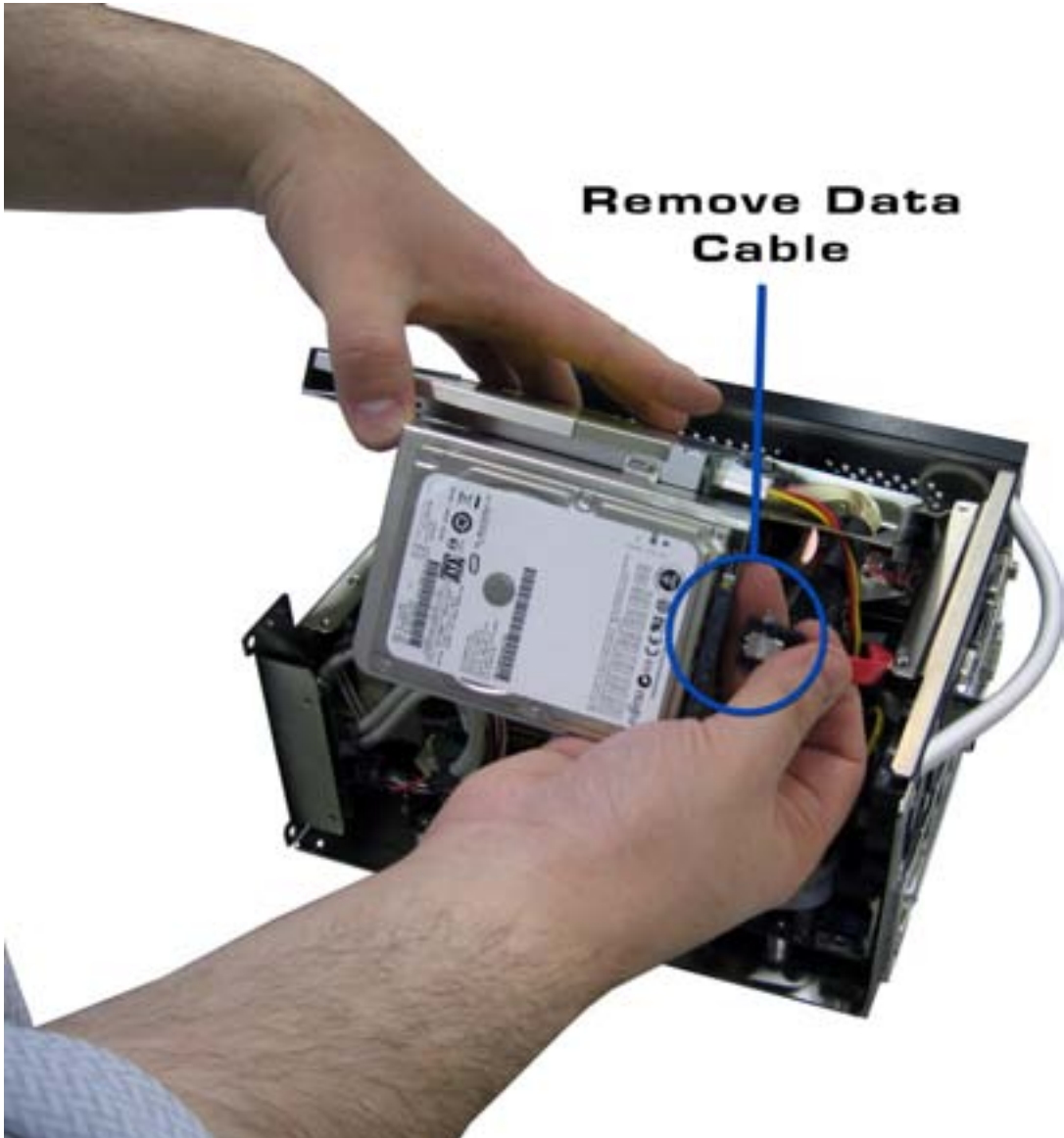


Figure 1-14 Remove Data Cable

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1.15 Remove four (4) screws holding **HDD** into place. (Figure 1-15).

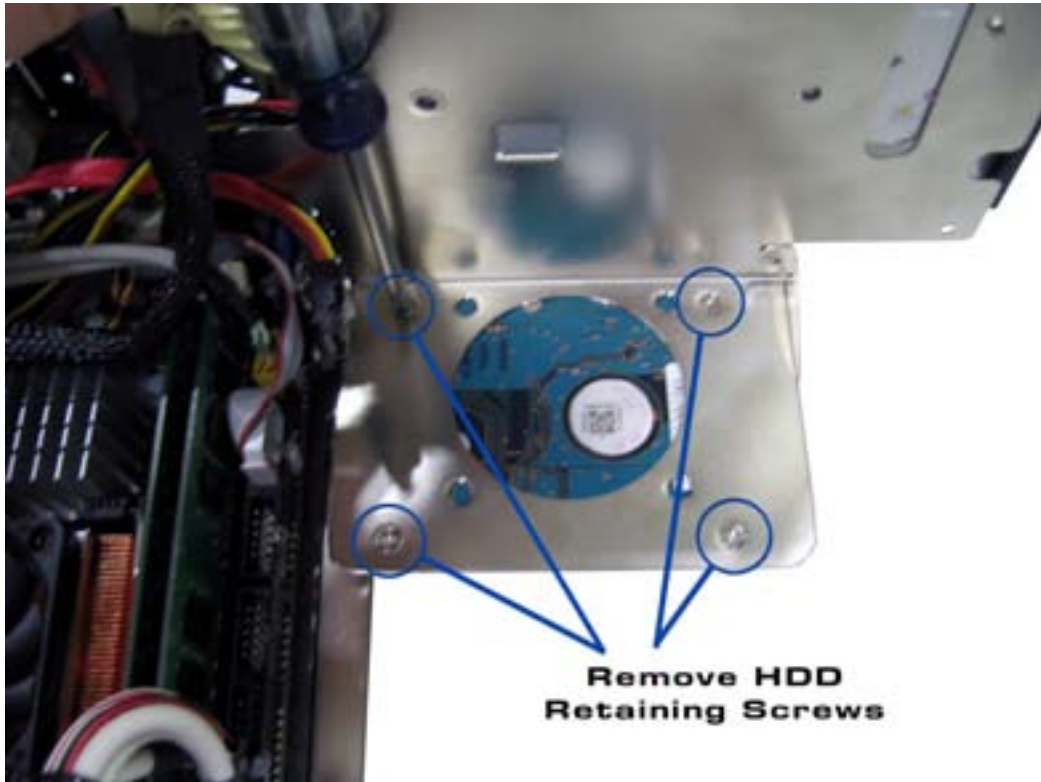


Figure 1-15 Removing HDD Screws

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2.0 Replace HDD Procedure

2.1

After Replacing the HDD. Replace four (4) screws holding **HDD** into place. (Figure 1-15).

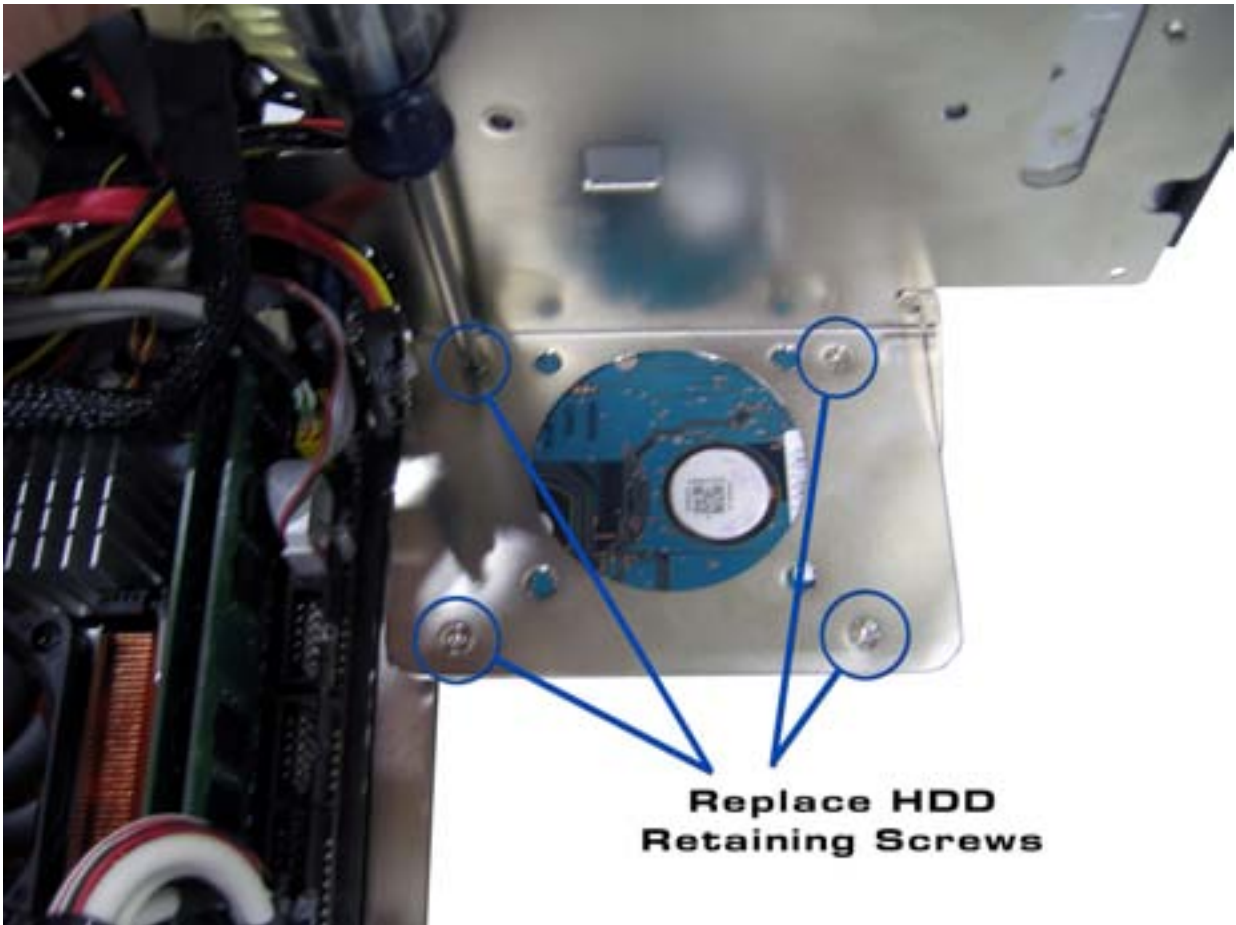


Figure 1-15 Replace HDD Screws

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2.2

Replace Data Cable (Figure 1-16).

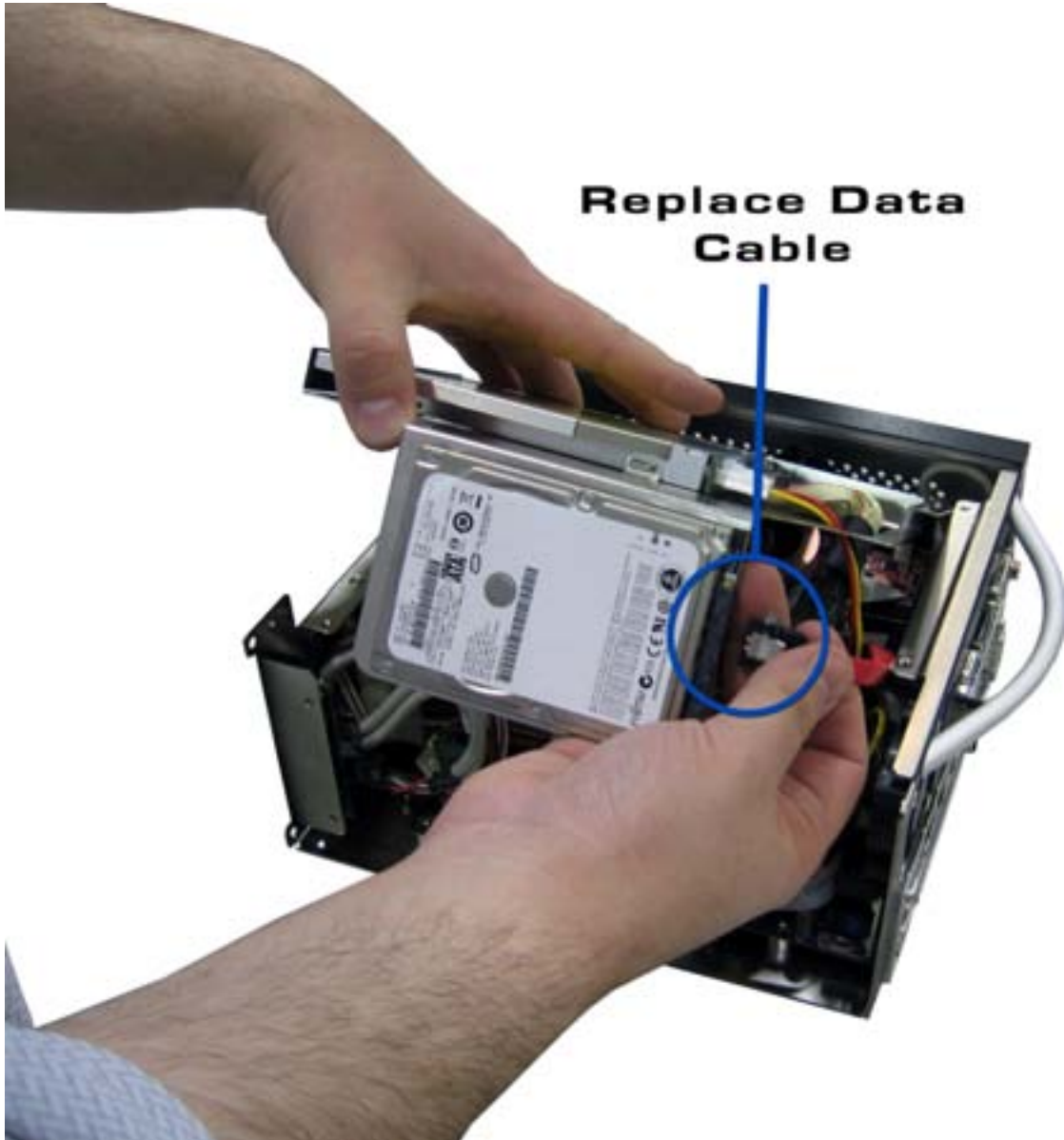


Figure 1-16 Replace Data Cable

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2.3

Replace Power Cable. (Figure 1-17).

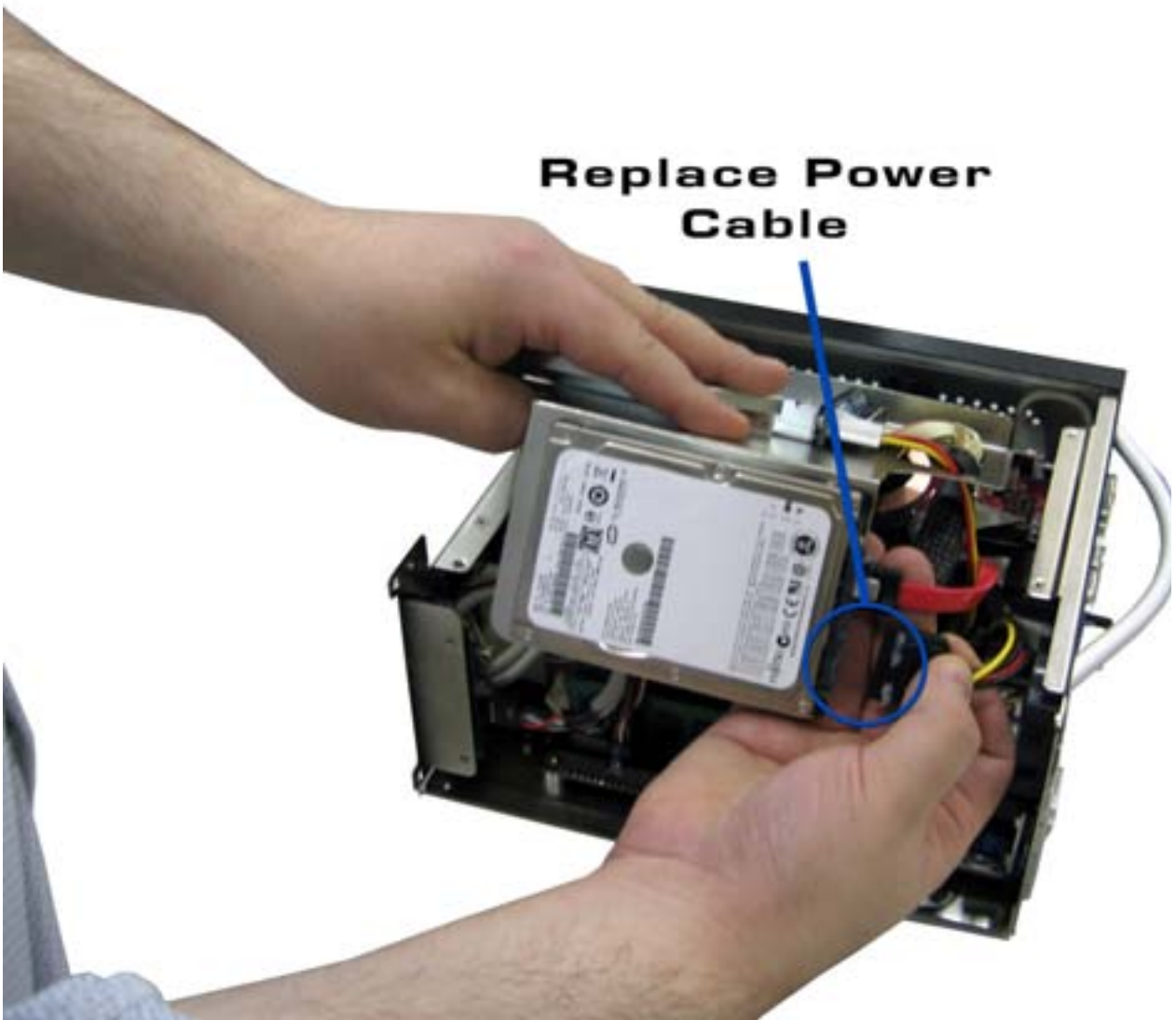


Figure 1-17 Replace Power Cable.

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2.4

Rotate and Replace HDD/CD-ROM caddy. (Figure 1-18).



Figure 1-18 Replacing HDD caddy.

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2.5

Replace retaining screws from **HDD/CD-ROM** caddy. (Figure 1-19).



Figure 1-19 Replacing HDD/CD-ROM Caddy Screws.

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2.7

Replace retaining screws from **HDD/CD-ROM** caddy. (Figure 1-21).



Figure 1-21 Replacing HDD Caddy Screws.

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2.8

Replace Base Plate. (Figure 1-22).

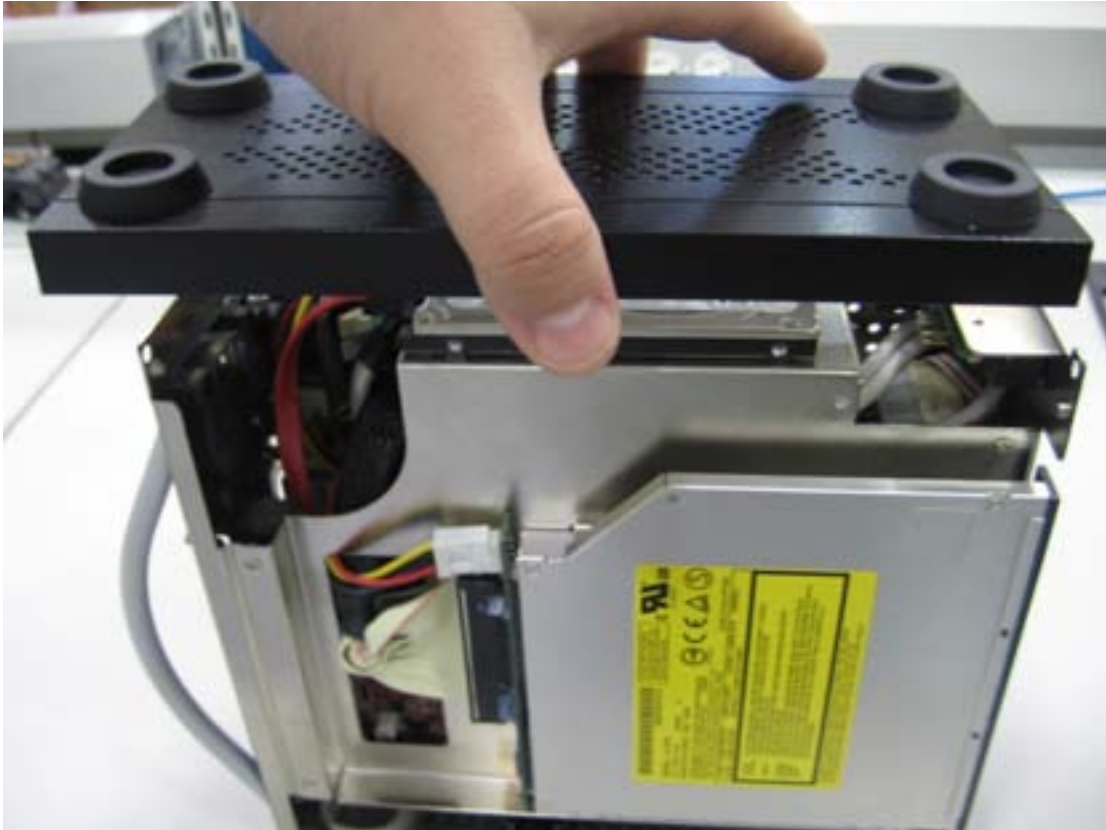


Figure 1-22 Replacing Base Plate.

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2.9

Turn unit around and Replace the two (2) **Back Plate** retaining screws. (Figure 1-23).



Figure 1-23 Replacing Back Plate Retaining Screws.

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2.10 Turn unit on its side and Replace two (2) **Face Plate** retaining screws. (Figure 1-24).



Figure 1-24 Replacing Face Plate Screws.

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2.11

Turn Unit over so that the Top Side is uppermost. Slide on the **Top Cover Plate** (Figure 1-25).

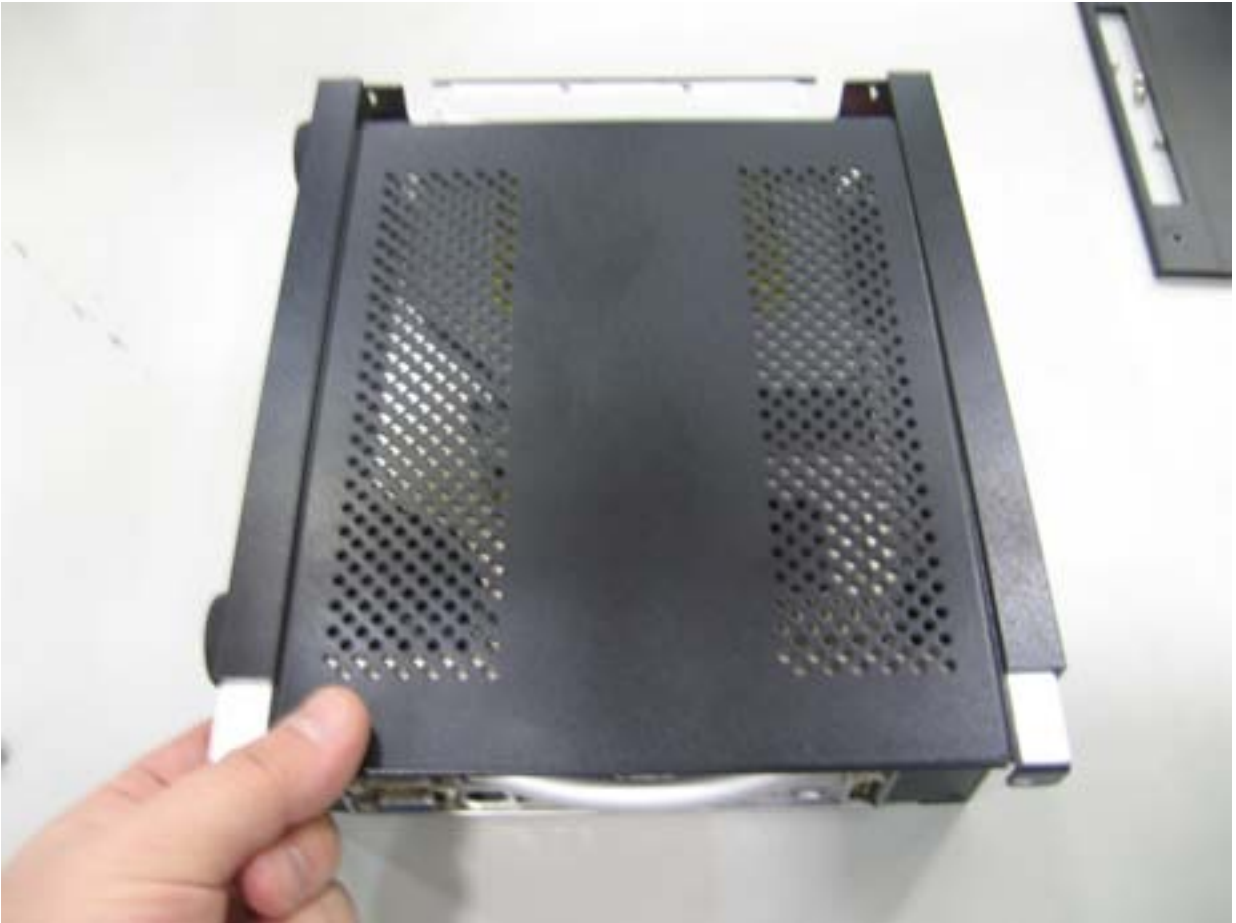


Figure 1-25 Replace Top Cover Plate.

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2.12

Replace two (2) **Top Cover Plate** retaining Thumb Screws. (Figure 1-26).



**Replace Two (2) thumb
Top Retaining Screws**

Figure 1-26 Top Cover Retaining Screws.

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2.13

Replace four (4) **Face Plate** screws. Your unit is now ready to power up. (Figure 1-27).



Figure 1-27 Replace Face Plate Screws.

END OF PROCEDURE