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How to Rebuild MBR | MiniTool Partition

About Rebuild MBR

MBR (Master Boot Record) is a special type of loader code at the very beginning of computers' hard disk. It contains an operating system bootloader and the storage device's **partition table**. When DOS reads hard disk, MBR will help to check whether the partition is legal and locate the partition boot information.

And, the loader code is variable. Thus, users can boot MBR from multiple operating systems. It can be found in FDISK

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program. MBR will pass the control over to the certain operating system which has been registered in the partition table.

However, MBR could be damaged due to various attack, mistaken operation, or sudden power failure. Once MBR is damaged, users may encounter boot problems such as MBR error 3 and see Windows black screen.

Rebuild MBR of MiniTool Partition Wizard helps rebuild MBR in quite simple operations even if Windows cannot boot. That is because this partitioning program offers a bootable disc to boot computer without Windows.

How to Rebuild MBR

Since Windows cannot boot, users can use the **Bootable Media Builder** feature to **create bootable CD/DVD/USB flash drive** or build an ISO image of a bootable disc. After that, **use the bootable disk to start computer** to get the following window.

Kindly reminder: the free edition of MiniTool Partition Wizard doesn't provide Bootable Media Builder.

Step 1. Please choose the first option **Partition Wizard** to enter the main interface of MiniTool Partition Wizard.

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Step 2. Wait for a while. MiniTool Partition Wizard will start automatically.

Step 3. Select the system disk which is suffering MBR damage and click **Rebuild MBR** from the left panel.

🏂 MiniTool Partition Wizard Pro Ultimate 12 - (with lifetime upgrade service) 🛛 🗧 🗕 🗗 🗙												
Data Recovery Partition Recovery	Dis	n Benc	hmark Sp	ace Analyzer				Manual				
Partition Management												
General View Disk Partition	Dy	namic (Disk Help									
Align All Partitions	•	G	Partition		Capacity	Used	Unused	File Sys				
C Rebuild MBR			Disk 1 (VMware, VMware Virtual S SAS, MBR, 60.00 GB)									
Partition Recovery			C:System Res	erved	100.00 MB	27.74 MB	72.26 MB	N				
Disk Properties			D:		30.60 GB	13.48 GB	17.12 GB	N				
Data Recovery			E:		29.30 GB	86.81 MB	29.21 GB	N				
0 Operations Pending	Ť		🧼 Disk 2	(VMware, VMwar	e Virtual S SAS, MB	R, 2.00 TB)						
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		-	Disk 1 MBR 60.00 GB	C:System Res 100 MB (Usec	D:(NTFS) 30.6 GB (Used: 44%	6)	E:(NTFS) 29.3 GB (Used: 0%	6)				
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Step 4. At last, click **Apply** button to apply the change.

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MiniTool Partition Wizard Pro Ultin	nate 1	2 - (w	ith lifetime u	pgrade service)			E	– Ø ×	
<u>3</u>		9		2					
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Partition Management									
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📓 Migrate OS to SSD/HD Wizard			Disk 1 (VMware, VMware Virtual S SAS, MBR, 60.00 GB)						
Copy Partition Wizard			C:System Re	served	100.00 MB	27.74 MB	72.26 MB	N	
Copy Disk Wizard			D:		30.60 GB	13.48 GB	17.12 GB	N	
Partition Recovery Wizard			E:		29.30 GB	86.81 MB	29.21 GB	N	
Convert Disk (A) 1 Operations Pending			Disk 2 (VMware, VMware Virtual S SAS, MBR, 2.00 TB)						
1. Rebuild MBR on Disk 1			*:		2048.00 GB	0 B	2048.00 GB	Unall	
			•					,	
		-	Disk 1 MBR 60.00 GB	C:System Res 100 MB (Usec	D:(NTFS) 30.6 GB (Used: 44%)		E:(NTFS) 29.3 GB (Used: 0%)	
🗸 Apply 🦛 Undo			Disk 2 MBR 2.00 TB	(Unallocated) 2048.0 GB					

And after application, users need to quit from MiniTool Partition Wizard bootable disc and boot from the local hard drive.



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