



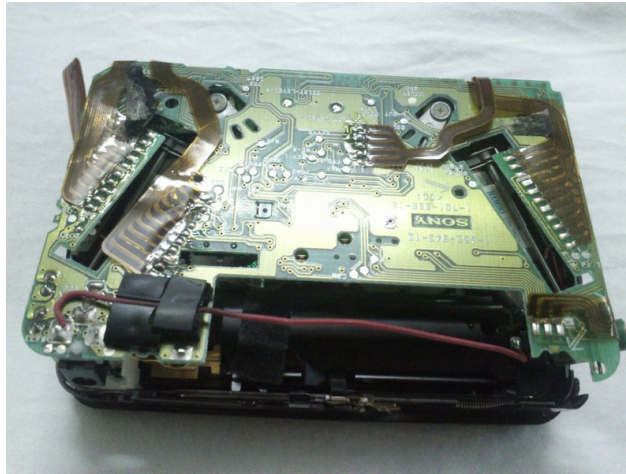
DocP Pro

18 November 2012 05:28

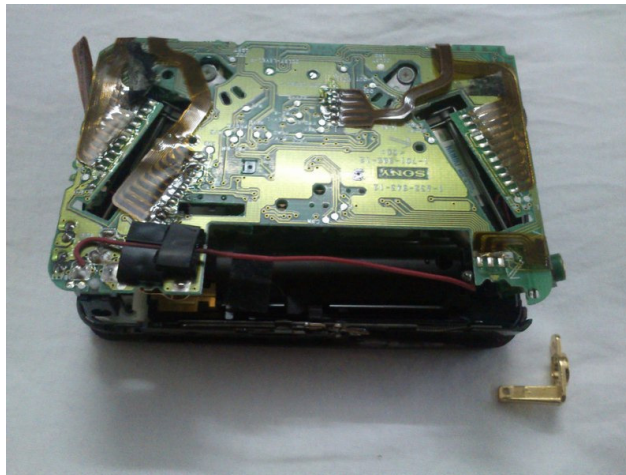
Pry the shell off` from the bottom edge that had two screws slipping it off the headphone jack last.

You'll now have the main circuitboard exposed with the two screws highlighted by the typical 'arrows' pointing to them. You'll have to a) remove the felt pads securing flex pcbs and b) unscrew the headphone socket decorative trim and c) desolder a wire next

While you are caught up in wanting to remove this circuit board YOU WILL FAIL to notice 😊 a tiny window exposing a tiny latch mechanism that holds a tiny switch of this PCB between its two prongs. These prongs move to the left/right depending on direction of play and slide that switch....forget about realigning this and you'll have a cocky DD9 with an 'illogical' 🤖 temperament 😊



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1 day ago



The Sharp VZ-V20R

1 day ago



Just a reminder

2 days ago

[See All](#)

Tags

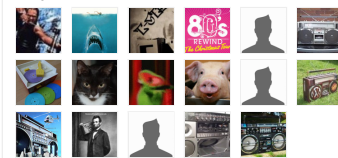
AIWA, Akai, **Boombox**, cassette, CD, Clairtone, Collection, conion, Conion C100F, crowns, driptip, eggs, FISHER, Grundig, headphones, Helix, Hitachi, Ihifi 812V2, JVC, JVC RC-550, JVC RC-M70, Lasonic, Lasonic TRC-931, Lloyd's, Magnavox, Marantz, MD, MiniDisc, mods, National, Panasonic, PHILIPS, phillips, pioneer, Portable Audio, Restorations, Sales Brochure, sansui, Sanyo, Sharp, Sharp GF-666, Sharp GF-777Z, Sharp GF-909, Sharp GF-9494X, Sharp HK-9000, Sony, Technics, Toshiba, Victor, walkman

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Last edited by [DocP](#) 18 November 2012 20:21

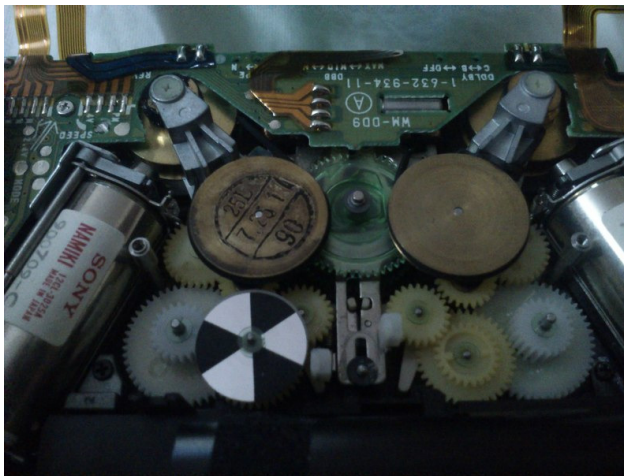
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[DocP](#) ★
Pro

18 November 2012 05:31

You now are ready to do the dirty work of removing the nasty goeey belt glue 😊 yuck!!



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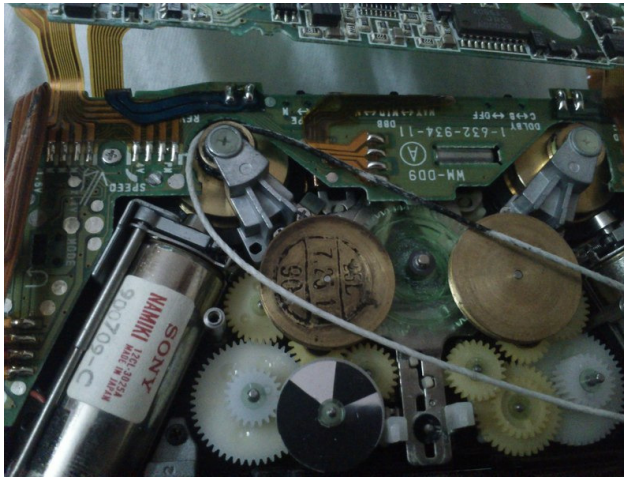
♡ Like (0 likes)



[DocP](#) ★
Pro

18 November 2012 05:41

Scraping along the centre of the pulley with a tiny screwdriver helps remove the major portion of the gunk....the rest has always been misery for me...till I thought 'professionally'not like you tech folks ...like a dentist 🦷now what do we advise for those hard to reach areas??😊flossingsolvent soaked twine works wonders!!



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♥ Like (0 likes)



DocP ★
Pro

18 November 2012 05:41

replacement belt approx 24 mm dia:



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Like (0 likes)



Nishant Tripathi

Newbie

18 November 2012 05:50

DocP this is dentist-propaganda... Using your methods you are merely enforcing on the whole of S2G just how beneficial "flossing" is! 😊

Ingenius though... Did you need to do any lubrication since this hasn't been used since a long time? Any wow/flutter after the belt change?

Last edited by Nishant Tripathi 18 November 2012 05:55

Like (0 likes)



Minty

Pro

18 November 2012 06:11

The best way to remove the goo from the pulleys is to use Sticky Stuff Remover. This is available from eBay and is inexpensive. This stuff is amazing. It's also great for removing unwanted labels from boxes.

Like (0 likes)



DocP

Pro

18 November 2012 06:30

I go with my dental hand sanitizer that's almost 90% isopropyl alcohol 🍷

Like (0 likes)



18 November 2012 06:46

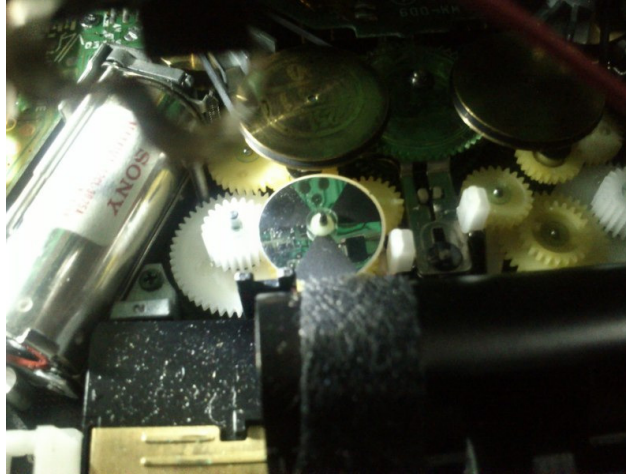
Trust me, Sticky Stuff Remover removes the goo in seconds. I've tried everything under the sun, but nothing works as well as this stuff.

<div>inty </div> <div>Pro</div>	<div>  i e 0 lies  </div>
<div>  </div> <div>ishant Tripathi </div> <div>ewbie</div>	<div>18 o ember 2012 0 : 2</div> <div> <p>originally Posted by inty:</p> <p>rust me tic y tuff emo er remo es the goo in seconds. e tried e erything under the sun but nothing wor s as well as this stuff.</p> <p>re you referring to something li e googone http://www.ebay.com/itm/_oo_on...hash=item_aea429fd</p> </div>
<div>  i e 0 lies  </div>	
<div>  </div> <div>P </div> <div>ewbie</div>	<div>18 o ember 2012 0 : 3</div> <div> <p>found the best method is to use set of tools that loo li e dentist tools from about 3.00 and use rubbing alcohol and cotton swabs you now the ind that you clean your ears with you can cut the cotton swabs in half and use both ends without getting tar all o er you. can change the belts on the - 2 D - 300 in less than a hour with this method. am not a cassette repairman. hope this helps. P .</p> </div>
<div>  i e 0 lies  </div>	
<div>  </div> <div>inty </div> <div>Pro</div>	<div>18 o ember 2012 0 :03</div> <div> <p>1 0 8 234 1. his is the item number on e ay . hec it out guys. ou won t be disappointed.</p> </div>
<div>  i e 0 lies  </div>	
<div>  </div> <div>DocP </div> <div>Pro</div>	<div>18 o ember 2012 0 :1</div> <div> <p>es cotton swabs/earbuds and tissues mositened with alcohol is pretty much standard protocol...getting into the deeper groo es can get a bit frustratingthat s when the flossing helps 🍷</p> </div>
<div>  i e 0 lies  </div>	
<div>  </div> <div>a D </div> <div>Pro</div>	<div>18 o ember 2012 08:12</div> <div> <p>Doc are these small belts a ailable separately or only ia a multi pac egards other si es m good for years 😊</p> </div>
<div>  i e 0 lies  </div>	
<div>  </div> <div>P </div> <div>ewbie</div>	<div>18 o ember 2012 08:32</div> <div> <p>abe turntableneedels.com can help with almost all belts that were e er made. hope this helps. P .</p> </div>
<div>  i e 0 lies  </div>	
<div>  </div> <div>DocP </div> <div>Pro</div>	<div>22 o ember 2012 0 :01</div> <div> <p>P P : hen re assembling:</p> <p>1. he main circuit board has a bend plate contact that has uite a bit of tension ... thin it helps pop open the battery compartment ...so the battery compartment must be open to allow proper seating of the pcb the need of applying force</p> </div>

2. here are two Players ...the white prongs in the photo...to the right of the black/silver/black reflector pulley
 ...normal/reverse would assume Playback levers that have to engage leaf switches 02 fwd head switch 03 reverse head switch

and

there is another switch 01 photo interrupter that engages a switch lever black ...to the left of the reflector wheel/pulley that switches between forward and reverse by moving the switch to the left or the right



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Last edited by DocP 22 November 2012 07:58

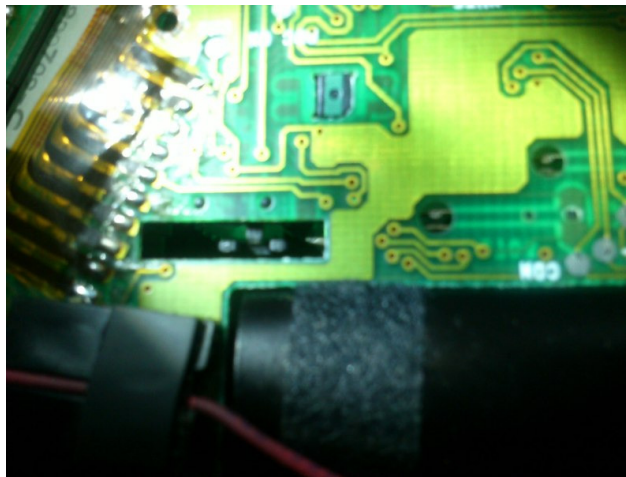
♥ 10 likes



DocP ★
Pro

22 November 2012 0:03

view of switch s 01 engaged in the switch lever black when the circuit board is back in place



uploaded with [imagehack.us](#)

♥ 10 likes



DocP ★

22 November 2012 0:11

your DD9 makes my heart thought so
 too...thinking it was an indestructible masterpiece of technology with
 no faults...only high specs 😊

Pro

ut an has always been the ictim of rubber failures 🇹🇼...an the DD9 has more than its fair share the 9 li es prefied with 2 built in Deaths Death by belt Death by idler tyre

here is a ser o circuit / uart loc ed yabba dabba doo ...that tries to constant ma e sure your tape sounds o ay inspite of a failing belt or an idler with a notch caused by you eeping aside your DD9 for too long without using it...so the head atop the motor spindle which is supposed to ma e the idler tyre re ol e creates a dimple ust because it has sat there for too long...and this creates a playbac that can sound li e the wal man is on horsebac ...

he music may sound moderately perfect as the circuits ic in...but the wobble can be felt as a mild ibration or a noc noc noc or heard through the body....better not ignore this... D 🇹🇼

♥ i e 0 li es



agentorange ★
Pro

22 o ember 2012 0 :
e s good

♥ i e 0 li es



DocP ★
Pro

22 o ember 2012 0 :2
riginally Posted by agentorange:
e s good

😄 e s ind 🇹🇼

♥ i e 0 li es



DocP ★
Pro

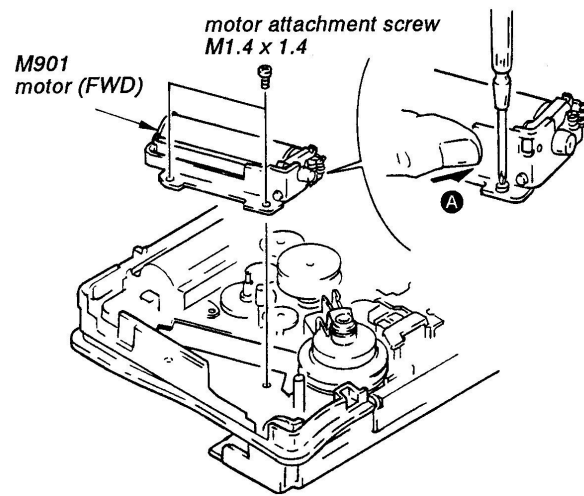
22 o ember 2012 0 :
d usting the otor : ow lutter aspects

1. ou e got half a do en belts ...tried the correct si e a little smaller tried a little thin a little thic and you finally are con inced that the first choice was the best...
2. ou forget to align the P le ers and the three switches ...and witness non stop auto diagnostics...logic gone wild ... you reali e this and correct it
3. our unit plays...but has a cra y thud thud because of the lousy dimple in the idler tyre...but you dont ha e an immediate replacement ...the electronics is ta ing o er...sounds uite good...you close it...

ou can sleep ...you feel guilty and all you can picture is a motor going wobble wobble because of an idler tyre...how you wish there was some way of ad usting the way the motor aligns itslef with that darn tyre....

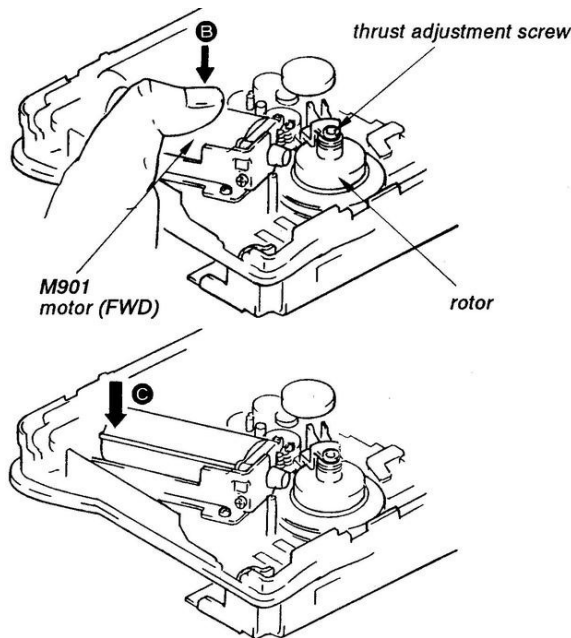


1. a e sure the motor attachment screw seems tight enough ...



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2. Loosen the thrust adjustment screws and adjust/tighten while holding the motor down gently. There should be almost no wobble/play. Check by pressing and releasing the bottom end of the motor.

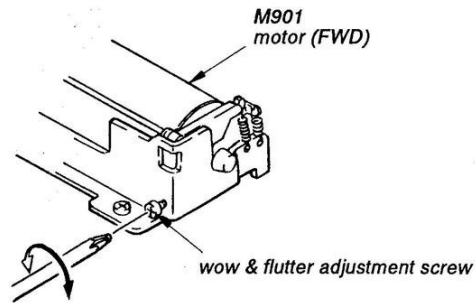


Note: Adjust in the same way on the M902 (REV) side.

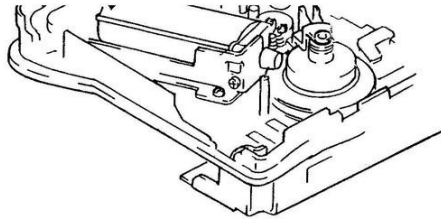
— 6 —

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3. Fine tune wow flutter using the adjustment screw



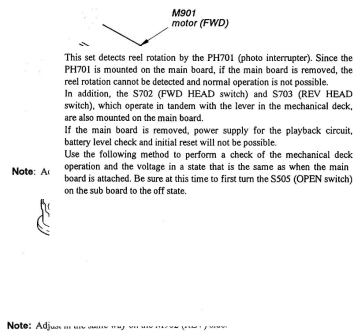
Note: Adjust in the same way on the M902 (REV) side.



Note: Adjust in the same way on the M902 (REV) side.

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ow onto a small nag nag issue....you ha e the circuit board off and that disengages the 3 switches rendering the unit inoperable for testing while open.... so steps 1 2 are uite o ay ...chec ing whether the wow flutter ad ustment has been done properly then there re uires a bit more dedicationouch ot for me



- Initial reset**
1. Turn S701 to the FWD side and supply power of 1.5 V.
 2. Turn on S703 (momentarily). (The P lever (R) will go up a until it is turned on.)
 3. Turn on S702 (momentarily). (The P lever (N) will go up a until it is turned on.)
- This finishes initial reset. The set is now in the standby state for k
- To operate:**
1. Perform initial reset.
 2. Input a square wave from the AF oscillator.
 3. Operational mode:
 - 3-1. FWD mode while S702 is on.
 - 3-2. REV mode while S703 is on (S701 is the REV side).
 - 3-3. FF mode when the ►► key is pressed.
 - 3-4. REW mode when the ◄◄ key is pressed.
 4. Return to standby state.
 - 4-1. To return from the FWD mode, turn off S702 and turn again for about 1 second.
 - 4-2. To return from REV mode, turn off S703 and turn S703 for about 1 second.
 - 4-3. To return from the FF or REW mode, press the ■ key.

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♥ i e 0 lies

22 o ember 2012 08:0

mall ide ote : s you can guess ...this is me after fooling around with my own DD9 now need to replace atleast one idler tyre to ma e myself happy and am loo ing at duplicating the idler tyre with medical grade addition silicone hoping for e tra durability/almost no deterioration. ill eep you fol s updated on that.

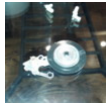
♥ i e 0 lies

22 o ember 2012 08:1

originally Posted by DocP:



DocP Pro



retrodos ★
Pro

small idea note : s you can guess ...this is me after fooling around with my own DD9 🇹🇹
now need to replace atleast one idler tyre to make myself happy and am looking at duplicating the idler tyre with medical grade addition silicone hoping for extra durability/almost no deterioration. will keep you folks updated on that.

Wonder if it will work to specs using the silicone. Have to wait and see. Do have spare tires. You can also resurface the tire if it has a bump in it so long it not too hard or soft. Strong rubber rejuvenator roller cleaner for printers works best. Rub on microfiber cloth on hard smooth surface a few times. If too thin then have no choice but to replace.

♥ 10 likes



DocP ★
Pro

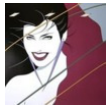
22 November 2012 08:11
Originally Posted by retrodos:

Wonder if it will work to specs using the silicone. Have to wait and see.

Thanks for the added input on surface modifiers....especially the roller cleaners..nice

The hardest silicone we use is called Putty consistency Shore hardness 60 and it looks like it just might work. I am a bit worried about prying off the existing tyre for fine smoothing down without a replacement in hand but am very eager to try making one ...shall keep you informed.

♥ 10 likes



a D ★
Pro

22 November 2012 08:14
Originally Posted by agentorange:

Looks good

Absolutely. Doc you put a smile on my face today great posts 🇹🇹

♥ 10 likes



agentorange ★
Pro

22 November 2012 08:42
Originally Posted by a D:

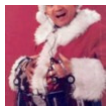
Originally Posted by agentorange:

Looks good

Absolutely. Doc you put a smile on my face today great posts 🇹🇹

Here are a number of members who are an absolute asset to this site

♥ 10 likes



autore ★
Pro

01 December 2012 00:19
Originally Posted by agentorange:

Originally Posted by a D:

Originally Posted by agentorange:

Looks good

Absolutely. Doc you put a smile on my face today great posts 🇹🇹

Here are a number of members who are an absolute asset to this site

yep agree. He's my friend too...
Just highly recommend anybody here not to get too much into meditation with him -

	i did - sat nam
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<div> <div> </div> <div> tra eler </div> <div> Pro </div> </div>	<div> 01 arch 201 04:21 </div> <div> an the elts be replaced in the ony -DD9 - ithout desoldering any wire s Do you a e the belts for sale </div>
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<div> <div> </div> <div> wal girl </div> <div> Pro </div> </div>	<div> 01 arch 201 04:4 </div> <div> originally Posted by agentorange: here are a number of members who are an absolute assett to this site han s your too nice 😊 </div>
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<div> <div> </div> <div> isolator42 </div> <div> Pro </div> </div>	<div> 01 arch 201 06: </div> <div> ith all this info almost wish d hung on to the one had now. t had auto-re erse /or logic issues but if got it to play it was roc solid... 😊 </div>
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nly one re uires de soldering... uite easy don t worry

♥ i e 0 lies



wal girl ★
Pro

0 arch 201 0 :4

oo s rather complicated 😞

rather do open heart surgery is more simple 🚑🚑

♥ i e 0 lies



ichiel ★
Pro

21 une 201 1 :1

tremely usefull thread ne of my DD s was sudenly playing music bac wards when in re erse mode. didnt hear the de il but it sounded bad lol 😊 eading this thread suspected one of the mentioned 01 02 or 0 switches wasn t functioning correctly. fter opening it up and cleaning the switches the problem was sol ed han s a lot Doc 😊

♥ i e 0 lies



DocP ★
Pro

22 une 201 06:4

originally Posted by ichiel:

tremely usefull thread ne of my DD s was sudenly playing music bac wards when in re erse mode. didnt hear the de il but it sounded bad lol 😊 eading this thread suspected one of the mentioned 01 02 or 0 switches wasn t functioning correctly. fter opening it up and cleaning the switches the problem was sol ed han s a lot Doc 😊

reat going ichiel lad you could use the info successfully 😊

♥ i e 0 lies



laster an ens ★
Pro

08 o ember 201 12:09

originally Posted by DocP:

originally Posted by ichiel:

tremely usefull thread ne of my DD s was sudenly playing music bac wards when in re erse mode. didnt hear the de il but it sounded bad lol 😊 eading this thread suspected one of the mentioned 01 02 or 0 switches wasn t functioning correctly. fter opening it up and cleaning the switches the problem was sol ed han s a lot Doc 😊

reat going ichiel lad you could use the info successfully 😊

no than s but ll stic with my DD9 then get rid of it uic ly 😊👹



eb968 
Pro

 i e 0 l i e s 

08 o ember 201 12:1
cellent thread ery helpfull. 

 i e 0 l i e s 

orums / he al man Personal tereo essage oard / al man ech al / DD9 disassembly instructions

 ac o op

Post eply

 **Hoop.la** community platform