O D - 1

by **Jeremy** » 12 Feb 2013, 08:22

I've posted this before (I think on the old forum)
have just been updating it, thought I'd put it up again - its information I've stolen from elsewhere on the interwebby
THIS THE UPDATED VERSION: Last updated 10 Apr 13 (for BossArea)

Serial	Date	Owner BossArea database	Owner Stompbox2one	PCB	Chip	Switch	LED	Screw	Dash
6400	Nov-77		Ebay info	052-281A	RC3403ADB	clear	mom	silver	long
6400	Nov-77	Yahoo			RC3403ADB				
6500	Dec-77	Yahoo							
6600	Jan-78		Ebay info	052-281B	RC3403ADB	clear	mom	silver	long
6600	Jan-78	Yahoo			RC3403ADB	clear			
6700	Feb-78		**verivorax**	052-281B		clear	mom	silver	long
6800	Mar-78	**BossArea**		052-281B	RC3403ADB	clear			
6900	Apr-78	Yahoo			RC3403ADB				
7000	May-78	Yahoo			RC3403ADB	clear			
7100	Jun-78	Yahoo			RC3403ADB				
7300	Aug-78	Yahoo				clear			
7400	Sep-78	Ebay			RC3403ADB	clear			
7500	Oct-78	Yahoo				clear			
7700	Dec-78		**falbs**	052-281B	RC3403ADB	clear	mom	silver	long
7700	Dec-78	Yahoo			RC3403ADB	clear			
7800	Jan-79	Yahoo							
7900	Feb-79		**verivorax**	052-281B	RC3403ADB	clear	mom	silver	long
7900	Feb-79	Ebay							
8200	May-79		**Jeremy**	052-281B	RC3403ADB	clear	mom	silver	long
8200	May-79	Yahoo				clear			
8200	May-79	Yahoo			RC3403ADB	clear			
8300	Jun-79	Ebay							
8400	Jul-79		Ebay info		RC3403ADB				
8600	Sep-79		Ebay info		NEC4741C	black			
8600	Sep-79	Yahoo		052-281B		black			
8700	Sep-79		**verivorax**	052-281B	NEC4741C	black	mom	silver	long
8700	Oct-79	Yahoo		052-281B	uPC4741C	black			
8800	Nov-79	Ebay				black		silver	
8800	Nov-79		Ebay info		NEC4741C				
8900	Dec-79		Ebay info	052-281D	JRC4558D		perm		
8900	Dec-79	Ebay				black			
9100	Feb-80	Ebay			4558D				
9200	Mar-80		**verivorax**	052-281D	JRC4558	black	perm	black	long
9200	Mar-80		**71smallbox**	052-281D	JRC4558D	black	perm	silver	long
9200	Mar-80	Ebay				black			
9300	Apr-80		Ebay info		NEC4558C				
9300	Apr-80	Yahoo				black			
9400	May-80	Yahoo			NEC4558C	black		silver	
9400	May-80		**verivorax**		JRC4558	black	perm	black	long
9600	Jul-80	Yahoo				black			
9700	Aug-80	Yahoo						silver	
9900	Oct-80		Ebay info		JRC4558D				
9900	Oct-80	**BossArea**		052-281D	JRC4558D	black		silver	
0000	Nov-80		Ebay info		TI4558P				
0000	Nov-80	Ebay							
0100	Dec-80	Yahoo				black			
014800	Dec-80	**gurram**				black			long
0200	Jan-81	Yahoo				black			
0300	Feb-81		Ebay info		NEC4558C				
0400	Mar-81	Yahoo				black			
0500	Apr-81		Ebay info					black	
0500	Apr-81	**Stratosphere**						silver	
078700	Jun-81		**Jeremy**	052-281D	JRC4558D	black	perm	black	long
089500	Jul-81	Ebay							
102500	Jun-81		**Jeremy**	052-281D	NEC4558C	black	perm	black	long
113200	Oct-81	Ebay							long
124000	Nov-81	**BossArea**							long
124100	Nov-81	Yahoo							long
124700	Nov-81	Yahoo							long
212700	Nov-81	Yahoo							long
135000	Dec-81	Ebay							
135100	Dec-81	Yahoo							long
146600	Jan-82	Yahoo							short
168200	Mar-82	Ebay							
167300	Mar-82	Yahoo							short
168300	Mar-82	Yahoo							short
180100	Mar-82	Yahoo							short
190900	Jun-82	Yahoo							
201800	Jun-82	Ebay							
211100	Aug-82	Yahoo							
212600	Aug-82	Yahoo							
253300	Dec-82	Yahoo		052-281E	JRC4558DD				
251990	Dec-82	Yahoo							
306300	May-83	Yahoo							
327600	Jul-83	Yahoo							
362200	Nov-83	Yahoo							
383700	Jan-84	Ebay							
383800	Jan-84	Ebay							
404700	Mar-84	Ebay							
404800	Mar-84	Yahoo							
415300	Apr-84	Ebay							
440800	Jul-84	Yahoo							
467200	Sep-84	**phostenix**							
466900	Sep-84		**Jeremy**	052-281E	JRC4558DD	black	perm	black	short
466900	Sep-84	Yahoo							
466800	Sep-84	Yahoo							
467000	Sep-84		**verivorax**	052-281E	JRC4558DD	black	perm	black	short
528300	Mar-85	Ebay							
621400	Jan-86	Ebay			JRC4558DD				
642200	Mar-86	Ebay							
777800	Apr-87	Yahoo							
788000	May-87	Ebay							
808525	Jul-87	**tnsen**							
869780	Jan-88	Ebay		052-281E	JRC4558DD				
890736	Apr-88	Ebay							
911662	Jun-88	Ebay		052-281E					
911830	Jun-88	Ebay							
911508	Jun-88	Ebay							
922699	Jul-88	**phostenix**							
922948	Jul-88	Yahoo							
922111	Jul-88	**stefgitaar**							

Jeremy

Re: O D - 1

by **Pepe** » 12 Feb 2013, 09:09

An OD-1C hasn't been made? Or is it THE rarity?

Pepe

Re: O D - 1

by **Jeremy** » 12 Feb 2013, 09:12

I believe there was never a "C" board

the rarity is the "A" board. made for a month!

I've got an early B (with the 14 pin chip like the A) and I think that will have to do me

Jeremy

Re: O D - 1

by **sciencefriction** » 12 Feb 2013, 20:05

I have two unpopulated OD-1A boards I got off ebay a few years ago. Well, I soldered a RC3403ADB chip to one, lol. I could never find enough information to attempt building a OD-1 Clone using the board, b/c I wasn't sure if the schematics I found matched. I'll take a picture of the board and post it if you guys are interested?

sciencefriction

Re: O D - 1

by **Jeremy** » 14 Feb 2013, 02:48

I'm not a technical nut - there are a few here who are, and I don't have an A board.

I don't know if my B board is the same but I could post a picture of it for you if you think that would help

(I could do that inside a week or so - not at home for a few more days yet)

Jeremy

Re: O D - 1

by **Laurie** » 14 Feb 2013, 15:02

Here are some pics of my "B". You will have to right click and save the image to see it all.

Laurie

Re: O D - 1

by **Jeremy** » 19 Feb 2013, 13:58

I've remade the chart (incorporated the details of my 4 OD-1s)

If anyone would like their OD-1s listed on this chart, then post the details (if you would like it to be anonymous, then PM me and I'll include your details except your name)

I think I can probably manage to update this at least every fortnight or so

I'm not sure if the permanent LED came in with the black switch, or later with the first D's. And I don't know the earliest serial number for the Es - only that it must have been after September 81, which is one of mine. I'd be very interested to hear from D owners with 6 digit stickers or any early E owners

	PCB Marking	Batch Number	Month	OpAmps		Switch	LED	Screw	Dash
OD-1A	052-281A	6400	Nov-77	RC 3403ADB		clear	mom	silver	long
		6500	Dec-77	RC 3403ADB					
OD-1B	052-281B	6600	Jan-78	RC 3403ADB					
Jeremy	052-281B	8200	May-79	RC 3403ADB					
		8400	Jul-79	RC 3403ADB					
		8600	Sep-79	NEC 4741C		black			
		8800	Nov-79	NEC 4741C					
OD-1D	052-281D	8900	Dec-79	JRC 4558D			perm		
		9300	Apr-80	NEC 4558C					
		9900	Oct-80	JRC 4558 D					
		0000	Nov-80	TI 4558P					
		0300	Feb-81	NEC 4558C					
		0500	Apr-81					black	
Jeremy	052-281D	078700	Jun-81	JRC 4558D					
Jeremy	052-281D	102500	Sep-81	NEC 4558C					
OD-1E	052-281E	6 digit sticker		NEC4558C, JRC4558D(DD), JRC4558DX					short
Jeremy	052-281E	466900	Sep-84	JRC 4558DD					

Jeremy

Re: O D - 1

by **verivorax** » 21 Feb 2013, 04:20

I can add to that OD-1 list and fill in some gaps..

I have a 6700 but it has a replacement JRC 14 pin chip. CSwitch/MomLED/SScrew/LD
7900 -- RC3043ADB - CSwitch/MomLED/SScrew/LD
8700 -- NEC UPC4741C - Bswitch/MomLED/SScrew/LD
9200 - JRC4558 - BSwitch/PermLED/BScrew/LD
9400 - Same as #9200 above

467000 -- as you would expect

verivorax

Re: O D - 1

by **Jeremy** » 21 Feb 2013, 08:43

thanks verivorax - I will keep the updated list at the top of the thread

Thats great - your data shows that the permanent LED didn't come in with the black switch during the B-boards, which has been one of my big mysteries

Jeremy

Re: O D - 1

by **fuzzbuzzfuzz** » 26 Feb 2013, 12:55

I had the rare chance to view an early BOSS OD-1 today at close quarters. Surprised to find the pedal casing is different to most, the switch portion of the case is not as tall. Was this the only early pedal with that same style? It was serial 9100 which is Feb 80 on the decoder, silver screw (with a bit of rust!).

fuzzbuzzfuzz

Re: O D - 1

by **fabs** » 05 Mar 2013, 10:25

here is mine :
OD-1B 052-281B #7700 Dec-78 RC 3403ADB CS ML SS LD

fabs

Re: O D - 1

by **Jeremy** » 07 Mar 2013, 07:12

thanks fabs

first posted updated to include fabs' B-board

Jeremy

Re: O D - 1

by **Jeremy** » 08 Mar 2013, 14:40

so does anyone know if there is a difference between the A boards and the pre-8600 B boards, apart from the spelling of those two letters?

they have the same chip

or any other differences between the pedals themselves.

they're both mom led, clear switch

were the A boards only in the slightly different (squarer cornered) casing ?

Jeremy

Re: O D - 1

by **sciencefriction** » 08 Mar 2013, 21:55

I meant to post this awhile, but kept getting side tracked. Here's one of the "A" boards I bought off of ebay a few years ago. I believe it's real but having never seen another "A" board I can only assume. It does look very similar to other OD-1 boards, but there are differences.

sciencefriction

Re: O D - 1

by **Jeremy** » 12 Mar 2013, 05:58

Thanks for posting those - they look like potentially very useful pictures

Jeremy

Re: O D - 1

by **71Smallbox** » 12 Mar 2013, 20:36

My first one was:
052-281D, SS, JRC4558D chip, 9200 serial number.
My current one is:
052-281D, SS, JRC4558D chip, 9200 serial number!

71Smallbox

Re: O D - 1

by **Jeremy** » 13 Mar 2013, 09:11

thanks 71Smallbox

I note your SS is an apparent anomaly

or perhaps the black screw D's are

my initial information showed that the black screws didn't start until the very end of the D boards, or perhaps with the E boards

Jeremy

Re: O D - 1

by **verivorax** » 24 Mar 2013, 17:33

Generally, ink-stamp pedals up to about 0400-0500 have silver screws.. Very few pedals had any notable change around the time of the screw change. We established recently that the aluminum case changed shape/size slightly a few months after the screws went black..

verivorax

Re: O D - 1

by **71Smallbox** » 30 Mar 2013, 00:43

It seems the paint on SS pedals is different too, maybe it seems to be related to the case changing? It seems like they buffed the aluminum case less for SS versions and through the paint you can see the lines on the box still, whereas on the later black screw MIJ boxes, it's smoother and you see none of the slight ridges.

71Smallbox

Re: O D - 1

by **visserman** » 30 Mar 2013, 13:16

Gosh this has been up since Mid Feb., just goes to show how far the pedals are on my list of priority.
Jeremy, I will post you details later on. Two here, one very early, and a later version.

visserman

Re: O D - 1

by **visserman** » 30 Mar 2013, 13:23

> *fuzzbuzzfuzz wrote:*
> *I had the rare chance to view an early BOSS OD-1 today at close quarters. Surprised to find the pedal casing is different to most, the switch portion of the case is not as tall. Was this the only early pedal with that same style? It was serial 9100 which is Feb 80 on the decoder, silver screw (with a bit of rust!).*

Hmmm, verivorax mentioned this as well, about the shape of the cases.
In general the first issue pedals all look kind of similar, but some cases look different:Rounder corners, size slightly different ect. Paintjobs look different as well: On some brushstokes can be noticed, others are smoother.

visserman

Re: O D - 1

by **fuzzbuzzfuzz** » 01 Apr 2013, 07:25

Thats the one - subtle - but after a while it just seems odd! The script feels narrow too. Theres one for $200 ish in my local store, teasers!

fuzzbuzzfuzz

Re: O D - 1

by **Jeremy** » 02 Apr 2013, 08:46

yeah - the thinner font is a feature of the early OD-1s and DS-1s. I have examples of both myself.

they also have slightly different size/shaped casings

and, genrerally speaking, the texture of the rubber pad on the bottom is different with the earlier ones too - very hard and shiny on the early ones, and with a definite texture later on

that change seems to coincide with the demise of the silver screw ....

Jeremy

Re: O D - 1

by **visserman** » 02 Apr 2013, 15:59

What you mentioned about the rubber pad, I always associated that with the pedal ageing. I did not look at these pedals in the late 70s. hard to tell how they were originally and how they are now. You can compare to the newer ones, and that is what I have done and that makes me feel it is time and the impact it has had on the rubber, similar to the grommet (rubber ring, around screw). They just fall apart over time, but then some hold up remarkably well.

visserman

Re: O D - 1

by **verivorax** » 03 Apr 2013, 14:03

We discussed at length on BA about the "brush-stroke" look on the pedals. It was my belief that the lines are in fact from the aluminum casting and not from the paint - they can sometimes be seen in areas where the paint has chipped off. This would make sense that the lines would disappear at the time of the casing change if Boss moved to a cleaner, higher-production method of casting. This is an old pic I posted back on BA to demonstrate the lines..

Here's the thread in which we discussed the casing change (easier than me reposting the pics)..

I also always thought the gloss on the treadle rubber and the bottom pad were from age and environmental factors, but the older pedals (indeed, up to about the time of the casing change) do seem to have a thicker bottom pad. I'd have to get a micrometer out to be sure..

verivorax

Re: O D - 1

by **bossarea** » 08 Apr 2013, 18:47

Many of these are probably already in your spreadsheet but here's some more data.
Some of the comments are a bit cryptic and sadly, I'm not sure I can remember what they all mean.

serial.....dated.....pedal.....owner/site..chip.....other info
6400.....Nov-77.....OD-1.....Yahoo.....RC3403ADB.....RAYP7733.....(Aug_8-12_1977?)
6500.....Dec-77.....OD-1.....Yahoo
6600.....Jan-78.....OD-1.....Yahoo.....RC3403ADB..... clear switch
6800.....Mar-78.....OD-1.....bossarea...RC3403ADB.....RAYT7741, 052-281B, clear switch
6900.....Apr-78.....OD-1.....Yahoo.....RC3403ADB.....RAYP7802
7000.....May-78.....OD-1.....Yahoo..... RC3403ADB.....datecode:7749, clear switch
7100.....Jun-78.....OD-1.....Yahoo.....RC3403ADB .....RAYP_7812
7300.....Aug-78.....OD-1.....Yahoo.....clear switch
7400.....Sep-78.....OD-1.....Ebay.....RC3403ADB.....dated_7821, clear switch
7500.....Oct-78.....OD-1.....Yahoo.....clear switch
7700.....Dec-78.....OD-1.....Yahoo.....RC3403ADB.....clear switch
7800.....Jan-79.....OD-1.....Yahoo
7900.....Feb-79.....OD-1.....Ebay
8200.....May-79.....OD-1.....Yahoo.....clear switch
8200.....May-79.....OD-1.....Yahoo..... 3403AD.....052-281B, clear switch
8300.....Jun-79.....OD-1.....Ebay
8600.....Sep-79.....OD-1.....Yahoo.....052-281B, black switch
8700.....Oct-79.....OD-1.....Yahoo.....µPC4741C.....052-281B, black switch
8800.....Nov-79.....OD-1.....Ebay.....black switch, silver screw
8900.....Dec-79.....OD-1.....Ebay.....black switch
9100.....Feb-80.....OD-1.....Ebay..... 4558D.....ET-23D
9200.....Mar-80.....OD-1.....Ebay.....black switch
9300.....Apr-80.....OD-1.....Yahoo..... black switch
9400.....May-80.....OD-1.....Yahoo.....NEC4558C..... black switch, silver screw
9600.....Jul-80.....OD-1.....Yahoo.....black switch
9700.....Aug-80.....OD-1.....Yahoo.....silver screw
9900.....Oct-80.....OD-1.....bossarea....JRC4558D..0309.....052-281D, ET-23D, black switch, silver screw
0000.....Nov-80.....OD-1.....Ebay
0100.....Dec-80.....OD-1.....Yahoo.....black switch
014800....Dec-80.....OD-1.....gurran.....black switch, long dash
0200.....Jan-81.....OD-1.....Yahoo.....black switch
0400.....Mar-81.....OD-1.....Yahoo.....black switch
0500.....Apr-81.....OD-1.....Stratosphere.....silver screw
089500....Jul-81.....OD-1.....Ebay
113200....Oct-81.....OD-1.....Ebay.....,,long dash
124000....Nov-81.....OD-1.....bossarea.....long dash
124100....Nov-81.....OD-1.....Yahoo.....long dash, use_coin label
124700....Nov-81.....OD-1.....Yahoo.....long dash
121700....Nov-81.....OD-1.....Yahoo.....long dash
135000....Dec-81.....OD-1.....Ebay
135100....Dec-81.....OD-1.....Yahoo.....long dash
146600....Jan-82.....OD-1.....Yahoo.....short dash
168200....Mar-82.....OD-1.....Ebay.....MIJ_sticker
167300....Mar-82.....OD-1.....Yahoo..... MIJ_sticker, short_dash
168300....Mar-82.....OD-1.....Yahoo..... MIJ_sticker, short_dash
180100....May-82.....OD-1.....Yahoo.....short_dash
190900....Jun-82.....OD-1.....Yahoo
201800....Jul-82.....OD-1.....Ebay
211100....Aug-82.....OD-1.....Yahoo
212600....Aug-82.....OD-1.....Yahoo
253300....Dec-82.....OD-1.....Yahoo.....JRC4558DD.....ET-23E, ET5201-510B
251990....Dec-82.....OD-1.....Yahoo
306300....May-83.....OD-1.....Yahoo
327600....Jul-83.....OD-1.....Yahoo
362200....Nov-83.....OD-1.....Yahoo
383800....Jan-84.....OD-1.....Ebay
383700....Jan-84.....OD-1.....Ebay

404700....Mar-84.....OD-1.....Ebay
404800....Mar-84.....OD-1.....Yahoo
415300....Apr-84.....OD-1.....Ebay
440800....Jul-84.....OD-1.....Yahoo
467200....Sep-84.....OD-1.....phostenix
466900....Sep-84.....OD-1.....Yahoo
466800....Sep-84.....OD-1.....Yahoo
528300....Mar-85.....OD-1.....Ebay
621400....Jan-86.....OD-1.....Ebay.....JRC4558DD
642200....Mar-86.....OD-1.....Ebay.....MIJ
777800....Apr-87.....OD-1.....Yahoo.....MIJ
788000....May-87.....OD-1.....Ebay.....MIJ
808525....Jul-87.....OD-1.....tnsen.....MIJ
869780....Jan-88.....OD-1.....Ebay.....JRC4558DD.....052-81E, PCB_2291032105, MIJ
890736....Apr-88.....OD-1.....Ebay.....MIJ
911662....Jun-88.....OD-1.....Ebay.....052-281E
911830....Jun-88.....OD-1.....Ebay.....MIJ
911508....Jun-88.....OD-1.....Ebay.....MIJ, label Type3B
922699....Jul-88.....OD-1.....phostenix.....MIJ
922948....Jul-88.....OD-1.....Yahoo.....MIJ
922111....Jul-88.....OD-1.....stefgitaar

bossarea

Re: O D - 1

by **Jeremy** » 09 Apr 2013, 10:00

Thanks bossarea

H U G E list!

I have incorporated it all on the front page

yes, I know the type is small. I suggest you copy the jpeg image onto your machine and blow it up

Jeremy

Re: O D - 1

by **visserman** » 13 Apr 2013, 13:05

Jeremey, have not forgotten, still had no time to get the screwdriver out and see what is going on. The older one I know, but I noticed there is a choise of three IC's, it is the 14 legged one, but which one? Will let you know later on. Cheers!
Bossarea, good to see you again here. Thanks!!

visserman

Re: O D - 1

by **visserman** » 15 Apr 2013, 14:54

Okay done it now.
Here we go:

First one, older one: PCB: 052 281 there is a stamp on the inside of board and it is N. The board is similar as that early picture someone posted.
Batch: 7900
Op.Amp: RC
Led: MM
Switch: Clear
Screw: Silver
Dash: Long
Back Plate Label: Power DC-9v
whole in box where the stamp is
Powersocket pin: Small
In between backplate and inside pedal: Paper

All normal I think, but no mention of letters on PCB board, apart from the inside.

Next one:
PCB: ET 23D on outside of the board it reads similar as one mentioned above (I think, but correct me)
Batch nr.: 8800
Op. Amp: JRC
Switch: Black
Srew: Black Plastic
Dash: Long
Led: Non MM
Backplate label: Boss AC Adaptor
Whole in Box: one where stamp is, similar as above, and another one at the back, where batteryclip comes from.
Powersocket: Thicker pin
In between Backplate and inside pedal: Clear Plastic

General comments: Paint on earlier one is darker, corners are same on both pedals, metal box is slightly different, weight of later pedal is heavier, only slighty.

visserman