

Table of Contents

REF: Suspension	1
Aftermarket/Alternative Rear Shocks	1
<i>Sub-Documents</i>	1
<i>Ohlins HD144</i>	1
<i>HD Air Shocks from BT Models</i>	2
<i>Road King Shocks</i>	3
<i>Street Glide Shocks</i>	3
<i>Air Valve Mounting Locations</i>	3

[Go To Technical Menu](#)

REF: Suspension

Aftermarket/Alternative Rear Shocks

Sub-Documents

- [Outlaw Mac's Air Shock Installation - BT type](#)
- [Installing Progressive 440 Rear Shocks on 1994 XLH](#)

Ohlins HD144

- Piggyback model similar to the Harley Screamin' Eagle shocks.
- Adjustable length as well as both rebound and compression dampening adjustments.
- Progressive makes the following springs that fit the 412 style shock bodies and you could purchase just springs from Progressive. ¹⁾

Part Number	Rate	Free Length	For Shock Length
03-1310B/C	90/130	7.12	11.00"
03-1313B/C	115/155	7.12	11.00"
1369-20B/30	300/350	6.62	11.00"
03-1312B/C	75/120	8.5	11.50", 12.00"
03-1370B/C	90/130	8.5	11.50", 12.00"
03-1375C	115/155	8.5	11.50", 12.00"
03-1315	125/170	8.75	11.50" & 12.00"
03-1317	270/315	7.75	12.00"
1362-20B/30	300/350	7.62	12.00"
03-1300B	65/100	9.37	12.50", 13.00", 13.50" & 14.25"
03-1394B/C	75/120	9.75	12.50", 13.00", 13.50" & 14.25"
03-1367B/C	90/130	9.37	12.50", 13.00", 13.50" & 14.25"
03-1368B/C	105/150	9.37	12.50", 13.00", 13.50" & 14.25"
03-1365B/C	120/170	9.87	12.50", 13.00", 13.50" & 14.25"
03-1318B/C	140/200	9.75	12.50", 13.00", 13.50" & 14.25"
03-1364B/C	140/190	10.2	12.50", 13.00", 13.50" & 14.25"

HD Air Shocks from BT Models

Some folks have tried using the air shocks that are stock on some Big Twin models as alternatives for their Sportster models. The satisfaction with this option varied quite a bit. As all changes in suspension are dependent on accounting for the specific model bike, the rider/passenger weights & cargo weight, the idea is that air shocks can be adjusted for those factors.

Originally Posted by DaytonaSportster

<http://xlforum.net/forums/showthread.php?t=842245>

54532-85

54536-02A

54540-93\

54565-09 FLH FLHT FLHR FLHTI 13" (G5E3-00)

54565-97 (A) FLH 13"

54565-97 (B)

54565-97 (C)

54631-02B Road king FLHRS or FLHX or FLTRX 12" shock pair "low profile"

54632-98 bagger 12" or 12.5

54635-09 12"

54661-02A Road King FLHR Street Glide 12" single shock "lowered"

54662-09 street glide 11.5"

You need 3/16 male NPT to 1/8 compression fittings for on the shocks. I went to AutoZone and got a air shock install kit.

Originally Posted by jzink0883

<http://xlforum.net/forums/showthread.php?t=2018207>

My determinations about H-D air shocks are listed below. I welcome edits and corrections.

Per searches of XLF, various H-D fiche websites, H-D P&A Catalog & website, and eBay:

- 2014-2016 Touring air shocks

— 54662-09 12.00" c-c (c-c = length between centers of the mounting eyes when shock is fully extended)

— 54000036 12.75" c-c

- 2009-2013 Touring air shocks

— 54662-09 12.00" c-c

— 54565-09 12.75" c-c

— NOTE: This part number no longer comes up on some sites & some sites list 54000036 as the replacement part for the 2009-2013 "tall-shock" Touring models

- For H-D touring-model air shock part numbers that use the xxxxx-xx format:

— If the third digit of the part number is a "6", it's a short (12.00") shock

— If the third digit of the part number is a "5", it's a tall (12.75") shock

Additional Links <http://xlforum.net/forums/showthread.php?t=1512077>

Road King Shocks

See [Road King Shock Oil Replacement](#) in the tools section of the Sportsterpedia.

Street Glide Shocks



2)

Air Valve Mounting Locations



3)

[Go To Technical Menu](#)

1)

whittlebeast <http://xlforum.net/forums/showthread.php?t=47542&highlight=1200s+shocks&page=7>

2)
photo by otter of the XLFORUM <http://xlforum.net/forums/showthread.php?t=1575636&page=2>

3)
photo by otter of the XLFORUM <http://xlforum.net/forums/showthread.php?t=1575636&page=3>

From:
<http://sportsterpedia.com/> - **Sportsterpedia**

Permanent link:
<http://sportsterpedia.com/doku.php/techtalk:ref:susp04>

Last update: **2022/12/04 03:34**

