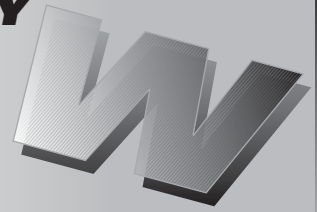# WARRANTY
## CAMPAIGN

# ROADSTER
## WARRANTY
### Bulletin

**CAUTION:** *All involved customers must be notified, all involved units must be corrected as per instructions herein.*

Campaign no.: 2013-0003

**February 26, 2013**      Subject: **Front Suspension Lower Arm - Ball Joint Replacement**      No.      **2013-1**

| YEAR | MODEL | MODEL NUMBER | SERIAL NUMBER |
|------|-------|--------------|---------------|
| 2013 | Spyder RS, ST and RT | All | See attached list |

# PROBLEM

Some vehicles have been produced using front suspension lower arm ball joints with too high friction that may affect the dynamic driving performance and the customer satisfaction.

# SOLUTION

Replace suspension lower arm ball joints (both sides).

# REQUIRED PARTS

| PART | PART NUMBER | QTY |
|------|-------------|-----|
| Ball Joint | 706 201 739 | 2 |
| M10 elastic stop nut (sold in pack of 10) | 233 201 436 | 2 |



rbg2013-003-010

*BOTH OF THESE BALL JOINT STYLES MAY BE SEEN*

# PARTS AVAILABILITY

## Ball Joint

### Canadian and American Dealers

A special process of providing the ball joints is put in place to ensure and secure all the immediate needs. Starting February 28, 2013; **BRP will auto-ship on a weekly basis ball joints until April 1st 2013**. During this period, you will not be able to place orders through BOSSWeb. A constant volume of parts will be shipped to you during this period to ensure you always have a minimum provision of ball joints to secure your upcoming vehicle sales and deliveries

### Dealers/Distributors from Other Countries

Please contact your regional office to place orders.

## M10 Elastic Stop Nut

M10 elastic stop nuts must be ordered through the normal channel.

# REQUIRED TOOLS

The required tools are not new, most dealers have them in stock. Please validate your inventory before placing any order.

BRP will prioritize the release of tool orders for dealers who do not already have them.

| TOOL | PART NUMBER | QTY |
|---|---|---|
| Rear wheel bearing pusher | 529 036 246 | 1 |
| Ball joint remover support | 529 036 121 | 1 |
| Ball joint installer | 529 035 975 | 1 |
| Socket of 35 mm (1-3/8 in) with a maximum depth of 52 mm (2-1/16 in) | Not sold by BRP | 1 |
| C-Clamp with an opening of 160 mm (6-1/2 in) | Not sold by BRP | 1 |
| Electric tape | Not sold by BRP | 1 |

# PROCEDURE

1. Place the vehicle on a level surface and apply parking brake.

2. Lift the front of vehicle.


rbg2013-003-001


rbg2013-003-002

3. Remove the RH front wheel.


rbg2013-003-003

4. Remove the lower ball joint retaining bolt and discard elastic nut.


rbg2013-003-004_a

*1. Ball joint retaining bolt location*

5. Lift up the upper suspension arm.


rbg2013-003-005

NOTE: Properly secure the suspension arm to keep it out of the way during the procedure.

6. Remove the lower ball joint.

    6.1 Using electrical tape, secure a REAR WHEEL BEARING PUSHER (P/N 529 036 246) to the bottom of the BALL JOINT RE-MOVER SUPPORT (P/N 529 036 121).

6.2 Install the C-clamp, the ball joint remover support and the rear wheel bearing pusher on lower ball joint as shown.

NOTE: Fixed portion of C-clamp must be installed on moving part of ball joint to stabilize it during removal.



rbg2013-003-006

6.3 Tighten C-clamp and press the ball joint out of the suspension arm.

7. Install the new lower ball joint.

7.1 Using electrical tape, secure a REAR WHEEL BEARING PUSHER (P/N 529 036 246) to the top section of the BALL JOINT INSTALLER (P/N 529 035 975).

7.2 Install the C-clamp, the ball joint installer, the rear wheel bearing pusher and the socket of 35 mm (1-3/8 in) as shown.



rbg2013-003-007

7.3 Tighten C-clamp and press the ball joint into lower suspension arm.

**NOTICE** Always push on the ball joint edge, never on center surface.

8. Lower upper suspension arm and secure knuckle to lower suspension arm using a new M10 elastic nut.

| TIGHTENING TORQUE | |
| --- | --- |
| M10 elastic nut | 48 N•m (35 lbf•ft) |

9. Reinstall wheel.

| TIGHTENING TORQUE | |
| --- | --- |
| Wheel lug nuts | 105 N•m (77 lbf•ft) |

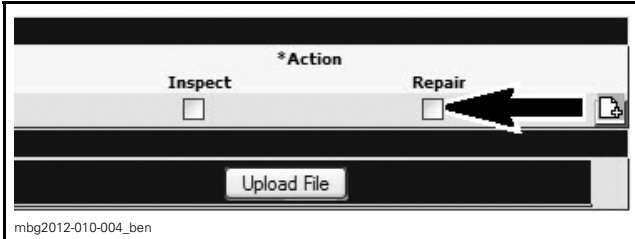10. Repeat the procedure on the LH side.

# WARRANTY

Submit a campaign claim using the following information.

For claiming procedure, refer to the *DEALER/DISTRIBUTOR WARRANTY GUIDE*.

| CAMPAIGN NUMBER | 2013-0003 |
|---|---|
| Claim type | Campaign claim |
| Action | Repair |
| Flat Rate Time | 0.7 hour |
| Expiry Date | February 26, 2015 |

Click in the **Repair** check box.



mbg2012-010-004_ben

# Obsolete Ball Joint

Please discard all obsolete ball joints (P/N 706 201 597) that you have in inventory.

Process a Parts Claim (from inventory) for credit of obsolete ball joints.

IMPORTANT: To be eligible for the credit, your claim must be received before April 30th, 2013.

# SERIAL NUMBER LIST OF INVOLVED VEHICLES

**Model: A1DC**
000018
From 000022 to 000026
From 000036 to 000042
From 000057 to 000066
From 000072 to 000086
From 000104 to 000115
From 000150 to 000161
From 000206 to 000211
From 000218 to 000219

**Model: A1DF**
From 000143 to 000145

**Model: A1DG**
From 000096 to 000097
From 000116 to 000121
000123
From 000187 to 000193
From 000231 to 000233
000235

**Model: A1DH**
000103
From 000148 to 000149
000194

**Model: A2DC**
000020
000025
From 000039 to 000050
From 000085 to 000100
From 000242 to 000247
From 000304 to 000313
From 000377 to 000384
From 000496 to 000500
000504

**Model: A2DE**
From 000051 to 000053
From 000101 to 000102
From 000320 to 000321
From 000391 to 000392

**Model: A2DF**
From 000104 to 000105
From 000224 to 000230
From 000314 to 000317
From 000414 to 000419
From 000514 to 000515

**Model: A2DG**
000106
From 000250 to 000252

**Model: A3DC**
000012
From 000089 to 000091

**Model: A3DC (cont'd)**
From 000107 to 000113
From 000127 to 000128

**Model: A3DD**
000017
From 000077 to 000079
From 000098 to 000102

**Model: A3DF**
From 000072 to 000073

**Model: A4DC**
000012
From 000017 to 000023
From 000025 to 000039
From 000052 to 000108
From 000110 to 000155
From 000160 to 000206
From 000212 to 000289
From 000291 to 000294
From 000310 to 000311
From 000313 to 000314
From 000316 to 000362
From 000479 to 000489
From 001256 to 001271
From 001376 to 001401
From 001707 to 001708
From 001710 to 001711
From 001713 to 001717
001720

**Model: A4DD**
000040
000043

**Model: A4DE**
From 000048 to 000049
From 000363 to 000367
From 000490 to 000497
From 000708 to 000713
From 000905 to 000914
From 001176 to 001180
From 001182 to 001193
From 001537 to 001555
001816
From 001818 to 001830

**Model: A4DF**
000046

**Model: A4DG**
000013
From 000015 to 000016
From 000368 to 000370
From 000498 to 000501
From 000718 to 000722

**Model: A4DG (cont'd)**
From 000939 to 000948
From 001159 to 001175
From 001570 to 001573
From 001575 to 001588
From 001913 to 001925
From 002050 to 002052

**Model: A4DM**
From 000207 to 000211
From 000296 to 000309
From 000371 to 000377
From 000502 to 000505
From 000955 to 000958
From 001220 to 001225
001646

**Model: A4DN**
From 000156 to 000159
000378
000506
From 000960 to 000962
From 001283 to 001285
001601

**Model: A4DP**
000745
From 000973 to 000978
001229
From 001232 to 001233

**Model: A4DR**
From 000684 to 000693
From 000860 to 000883
From 001136 to 001150
From 001152 to 001158
From 001481 to 001496
From 001511 to 001513
001852
From 001854 to 001865

**Model: A4DS**
From 000379 to 000381
From 000507 to 000510
From 001300 to 001301

**Model: B1DB**
000029

**Model: B1DC**
000016
000019
From 000021 to 000023
From 000054 to 000056
From 000107 to 000110
From 000156 to 000164
From 000209 to 000223

### Model: B1DC (cont'd)
From 000291 to 000303
From 000352 to 000353
From 000355 to 000361
From 000363 to 000365
From 000447 to 000449
From 000451 to 000453

### Model: B1DD
000026

### Model: B1DE
000017
From 000030 to 000032
From 000057 to 000062
From 000111 to 000119
From 000142 to 000155
From 000177 to 000193
000196
From 000198 to 000208
From 000256 to 000273
From 000275 to 000280
From 000331 to 000339
From 000341 to 000343
From 000346 to 000348
000426
From 000428 to 000429
From 000431 to 000440

### Model: B1DF
000034

### Model: B1DG
000018
From 000063 to 000070
From 000120 to 000130
From 000165 to 000172
From 000231 to 000241
From 000281 to 000290
000330
From 000367 to 000376
From 000462 to 000463
From 000465 to 000466
000582

### Model: B1DK
From 000071 to 000073
From 000131 to 000133
From 000322 to 000324
From 000398 to 000402
000481

### Model: B1DM
From 000074 to 000076
From 000134 to 000137
000173
From 000248 to 000249
From 000325 to 000326
From 000393 to 000396

### Model: B1DN
From 000077 to 000079
000138
From 000253 to 000255
From 000327 to 000329
From 000385 to 000390

### Model: B2DC
000051
From 001249 to 001255
From 001607 to 001618
From 001882 to 001888

### Model: B2DE
000047
From 001276 to 001282
From 001362 to 001375
From 001896 to 001903
001906
001908

### Model: B2DF
001295

### Model: B2DG
001308

### Model: B5DB
000013
From 000019 to 000021
From 000033 to 000036
From 000050 to 000058
From 000063 to 000070
From 000119 to 000124
From 000144 to 000147

### Model: B5DC
From 000009 to 000010
000016
From 000022 to 000024
From 000037 to 000040
From 000082 to 000084
From 000114 to 000118

### Model: B5DD
000015
From 000027 to 000029
From 000041 to 000044
From 000080 to 000081
From 000103 to 000106
000157

### Model: B5DG
From 000061 to 000062
000071

### Model: B5DJ
000085

### Model: B5DK
From 000030 to 000032
From 000045 to 000049
From 000074 to 000076
From 000092 to 000097
From 000139 to 000140
000142

### Model: B5DL
From 000059 to 000060
From 000087 to 000088

### Model: B6DB
000021
From 000027 to 000029
From 000043 to 000049
From 000069 to 000070
From 000087 to 000090
From 000134 to 000139
From 000173 to 000179
From 000196 to 000200
From 000202 to 000203

### Model: B6DC
From 000030 to 000032
From 000050 to 000052
From 000067 to 000068
From 000099 to 000102
From 000129 to 000133
From 000162 to 000166
From 000226 to 000230
From 000276 to 000278

### Model: B6DD
000015
000019
From 000033 to 000035
From 000053 to 000056
000071
From 000091 to 000094
From 000124 to 000128
From 000167 to 000170
000172
From 000221 to 000222

### Model: B6DE
000146

### Model: B6DG
000142

### Model: B6DH
From 000140 to 000141
From 000180 to 000181

### Model: B7DB
From 000020 to 000022
From 000119 to 000120
From 000184 to 000190

**Model: B7DC**
000016
From 000057 to 000064
From 000093 to 000105
From 000132 to 000138
000140
From 000142 to 000143
000147

**Model: B7DD**
000121
000126

**Model: B7DE**
000083

**Model: B7DF**
000082
From 000123 to 000124
From 000193 to 000201

**Model: B7DG**
000076

**Model: B8DB**
From 001394 to 001396
From 001581 to 001582

**Model: B8DC**
000032
From 001377 to 001385
From 001485 to 001499
From 001699 to 001711
001713
001915

**Model: B8DD**
From 001591 to 001596
From 001812 to 001818

**Model: B8DE**
From 001411 to 001412
001603

**Model: B9DC**
000009
From 000382 to 000394
From 000511 to 000528
From 000626 to 000640
From 000642 to 000647
From 000649 to 000654
From 000804 to 000818
From 000821 to 000826
From 000828 to 000859
From 001051 to 001109
From 001405 to 001433
From 001436 to 001450
From 001657 to 001666

**Model: B9DD**
From 000979 to 000980
001286
From 001289 to 001290

**Model: B9DE**
000010
000295
From 000395 to 000427
From 000530 to 000531
From 000533 to 000536
From 000538 to 000574
From 000655 to 000672
From 000674 to 000683
From 000746 to 000803
From 000985 to 001050
From 001310 to 001319
From 001321 to 001322
001324
From 001326 to 001349
From 001351 to 001361
From 001514 to 001515
From 001736 to 001758
From 001760 to 001764

**Model: B9DF**
From 000428 to 000452
From 000454 to 000456
000599
001228

**Model: B9DG**
000011
From 000457 to 000463
From 000602 to 000611
From 000742 to 000744
From 000949 to 000953
From 001234 to 001244
From 001556 to 001566
001569
From 001837 to 001842
From 001844 to 001845

**Model: B9DJ**
From 000464 to 000466
From 000612 to 000615
From 000699 to 000707
From 000884 to 000904
From 001110 to 001135
From 001453 to 001469
From 001471 to 001477
From 001788 to 001812

**Model: B9DK**
From 000467 to 000469
001309
From 001966 to 001967

**Model: B9DL**
From 000470 to 000472
From 000616 to 000619
From 000694 to 000698
From 000918 to 000920
From 000922 to 000926
From 001194 to 001200
From 001629 to 001631

**Model: B9DN**
From 000473 to 000475
From 000620 to 000623
From 000714 to 000717
000954
From 001305 to 001307
From 001589 to 001590
From 001593 to 001594

**Model: B9DP**
000476
From 000723 to 000727
000959
From 001297 to 001299
001625

**Model: B9DR**
From 000477 to 000478
From 000624 to 000625
From 000738 to 000741
From 000968 to 000972
From 001245 to 001248
001595
001598
001600

**Model: B9DS**
From 000733 to 000737
From 000927 to 000938
From 001201 to 001219
From 001516 to 001536
From 001868 to 001881
002287

**Model: B9DT**
From 000728 to 000732
From 000963 to 000967
From 001302 to 001304
001619

**Model: B9DU**
000984
001272
From 001274 to 001275

**Model: C1DB**
From 000011 to 000012
From 000018 to 000019
From 000026 to 000032
From 000041 to 000043

### Model: C1DB (cont'd)
From 000054 to 000055
From 000070 to 000075
From 000106 to 000115
From 000150 to 000154
From 000156 to 000162
000166
000169

### Model: C1DC
From 000078 to 000079

### Model: C1DD
From 000013 to 000015
From 000023 to 000025
From 000033 to 000040
From 000046 to 000051
From 000065 to 000069
From 000084 to 000089
From 000091 to 000092
From 000171 to 000174
From 000176 to 000177

### Model: C1DG
000045
000056
From 000080 to 000081

### Model: C2DB
From 000345 to 000349
000712
000714
From 000732 to 000742
From 000744 to 000753
From 000930 to 000931
From 001086 to 001087
From 001185 to 001186
From 001403 to 001405
From 001586 to 001590

### Model: C2DC
000018
From 000026 to 000028
From 000091 to 000128
000173
From 000175 to 000190
From 000206 to 000219
From 000286 to 000340
From 000438 to 000491
From 000525 to 000582
From 000584 to 000608
From 000761 to 000762
From 000765 to 000794
From 000900 to 000901
000903
000905
From 000908 to 000929
From 000932 to 000951
From 001092 to 001094

### Model: C2DC (cont'd)
From 001127 to 001128
001364
From 001366 to 001376
From 001547 to 001559
001561
From 001563 to 001567
From 001780 to 001781
From 001784 to 001788
001791

### Model: C2DD
000021
000025
From 000149 to 000156
From 000158 to 000160
From 000191 to 000195
From 000224 to 000226
000233
From 000248 to 000257
From 000354 to 000384
000411
From 000686 to 000700
From 000795 to 000809
From 000952 to 000964
From 001088 to 001091
From 001205 to 001208
From 001406 to 001408

### Model: C2DE
000353
From 000504 to 000505
000524
From 000810 to 000811
000966
From 001400 to 001402
From 001606 to 001607
001609
001834

### Model: C2DF
From 000035 to 000038
From 000080 to 000084
From 000139 to 000141
From 000318 to 000319

### Model: C2DG
From 000019 to 000020
000031
From 000812 to 000830
From 000967 to 000971
From 000973 to 000992
000994
From 001048 to 001051
From 001197 to 001204
From 001309 to 001327
From 001459 to 001484
From 001673 to 001675

### Model: C2DG (cont'd)
001677
From 001679 to 001690
From 001693 to 001694

### Model: D4DA
From 000012 to 000013
000022
From 000033 to 000048
From 000053 to 000067
From 000072 to 000077
From 000082 to 000090
000174
000232
000285
From 000412 to 000437
From 000647 to 000652
From 000654 to 000683
000685
000764
From 000831 to 000841
From 000843 to 000844
From 000846 to 000847
From 000849 to 000852
From 000995 to 000998
From 001067 to 001081
From 001137 to 001165
From 001168 to 001171
From 001252 to 001259
From 001261 to 001276
From 001278 to 001297
From 001413 to 001451
From 001454 to 001458
From 001569 to 001574
From 001716 to 001719
From 001721 to 001723
From 001725 to 001735
001739
From 001742 to 001744
001746
001748

### Model: D4DB
000011
From 000049 to 000052
From 000068 to 000071
From 000078 to 000081
From 000200 to 000201
From 000234 to 000247
From 000350 to 000352
From 000515 to 000523
From 000730 to 000731
From 000853 to 000857
From 000999 to 001000
From 001041 to 001046
From 001129 to 001136
001345
From 001347 to 001352

**Model: D4DB (cont'd)**
From 001354 to 001359
From 001361 to 001363
From 001621 to 001624
From 001838 to 001839

**Model: D4DC**
From 000014 to 000017
000024
From 000129 to 000148
From 000202 to 000205
From 000227 to 000231
From 000258 to 000271
From 000385 to 000401
From 000403 to 000410
From 000609 to 000646
000763
From 000858 to 000859
From 000861 to 000867
From 000869 to 000872
From 000874 to 000880
From 001001 to 001008
From 001026 to 001040
From 001095 to 001102
From 001104 to 001119
From 001121 to 001126
From 001209 to 001251
From 001502 to 001545
From 001628 to 001634
001636
From 001638 to 001659

**Model: D4DD**
From 000161 to 000172
From 000196 to 000199
From 000220 to 000223
From 000272 to 000284
From 000341 to 000344
From 000506 to 000511
From 000513 to 000514
From 000727 to 000729
From 000881 to 000885
From 001009 to 001010
001052
001055
001180
From 001182 to 001184
001308
From 001625 to 001626

**Model: D4DF**
000029
From 000500 to 000501
000503
From 000701 to 000711
From 000886 to 000893
From 001011 to 001021
From 001190 to 001196

**Model: D4DF (cont'd)**
001329
From 001331 to 001334
From 001336 to 001338
From 001340 to 001344
001627
001820

**Model: D4DG**
From 000496 to 000499
From 000716 to 000726
From 000759 to 000760
From 000894 to 000897
From 001022 to 001025
From 001187 to 001189
From 001386 to 001390
From 001597 to 001599
001602
From 001774 to 001776

**Model: D4DH**
From 000492 to 000495
From 000754 to 000758
From 000898 to 000899
From 001082 to 001085
From 001172 to 001179
From 001391 to 001393
001575
From 001578 to 001580
From 001825 to 001826
001828