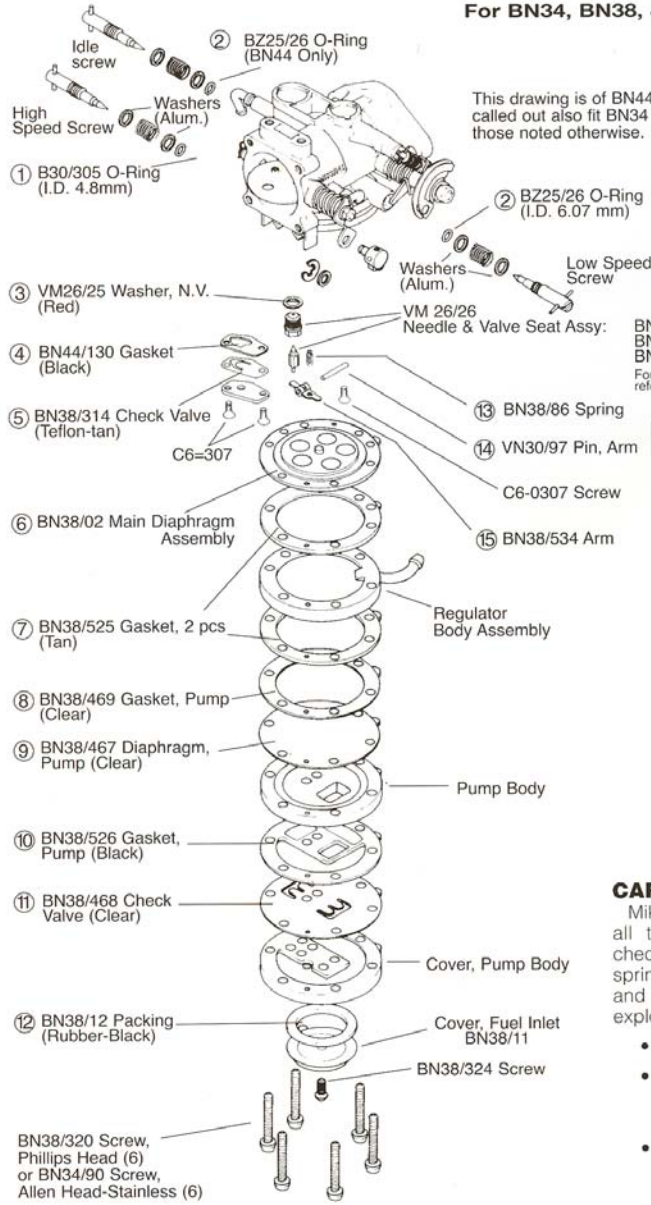


BN Rebuild Kits

BN REBUILD KIT Round Pump Carb Type MK-BN38/44

For BN34, BN38, & BN44 Round Pump Styles
(Kit Includes Circled Items 1-15)



This drawing is of BN44 carb; however, all parts called out also fit BN34 & BN38 carbs, except those noted otherwise.



CARBURETOR REBUILD KITS

Mikuni offers a rebuild kit that contains all the necessary O-rings, gaskets, check valves, diaphragms, washers and springs to completely rebuild your carb and make it run like new again. See exploded view for details of each kit.

- **MK-BN38/44SPR** for Super BN
- **MK-BN38/44** for Standard BN Series BN38 and BN44. (Does not include needle valve.)
- **MK-BN38/44NV** Needle Valve Kit Includes 2.5 NV, 65 gram spring, washer for 14 lbs. "pop off".

SBN/BNI Parts

BN REBUILD KIT Square Carb Type

MK-BN38/44 SPR

For SUPER BN38, BN44 and BN46, BN38I, BN40I Square Pump Styles
(Kit Includes Items 1-16 to Rebuild One Carb)

| No. | Part No. | Description |
|------|------------|--------------------------|
| 1. | BN38/547 | Gasket, Pump (2) |
| 1a. | 616-72001 | O-ring, Pump body |
| 2. | BN34/97 | Diaphragm, Pump (Clear) |
| 3. | BN34/124 | Check Valve (2) (Clear) |
| 4. | BN34/125 | Grommet, Check Valve (2) |
| 5. | BN34/100** | Diaphragm, Damper |
| 5a. | BN34/129* | Diaphragm, Damper |
| 6. | BN34/101** | Gasket, Damper |
| 6a. | 616-92007* | O-Ring |
| 7. | BN44/146 | Filter |
| 8. | B30/305 | O-Ring, Hi Speed |
| 9. | MD12/16 | O-Ring, Low Speed |
| 10. | KV/10 | O-Ring, Needle Valve |
| 11. | BN34/123 | Gasket, Valve Body |
| 12. | BN34/107 | Check Valve (Clear) |
| 13. | 730-03027 | Spring, Arm (115 grams) |
| 13a. | 730-03030 | Spring, Arm (65 grams) |
| 13b. | 730-03027T | Spring, Arm (95 grams) |
| 14. | VM30/97 | Pin, Arm |
| 15. | BN38/534 | Arm (Stainless) |
| 16. | BN44/145 | Diaphragm Assembly |

BN PARTS

(Items 17-43 for Reference Only, Not Included in Kit)

| | | |
|----------|----------------|----------------------------------------------|
| 17. | BN34/120-30 | Screw with 2 Washers, Stainless-30mm (4pcs.) |
| 18. | BN34/95B | Cover, Pump |
| 19. | BN34/98** | Body Assembly, Pump |
| 19a. | BN34/128* | Body Assembly, Pump |
| 20. | BN44/109** | Stop Screw, Idle |
| 20a. | BN34/82* | Stop Screw, Idle |
| 21. | BN38/39 | Washer (Aluminum) |
| 22. | BN38/341** | Spring, Idle |
| 22a. | BN38/344* | Spring, Idle |
| 23. | B26/03** | Cap |
| 23a. | BN44/118* | Cap with Tab |
| 24. | 604-25017 | Adjuster, Hi Speed, 38/44 |
| 24a. | BN 44/167 | Adjuster, Hi Speed w/ Cross Bar, 38/44 |
| 25. | BN38/344 | Spring, Hi Speed |
| 26. | BN38/39 | Washer, Hi Speed (Aluminum) |
| 27. | BN38/172 | Washer, Low Speed (Aluminum) |
| 28. | BN38/343 | Spring, Low Speed |
| 29. | 604-26008** | Adjuster, Low Speed, 44 |
| 29a. | BN38/477* | Adjuster, Low Speed (with Cross Bar), 38 |
| 29b. | BN38/166 | Adjuster, Low Speed (with Cross Bar), 44 |
| 30. | BN44/188 | Cap |
| 31. | 786-35015-size | Needle Valve Assembly (Viton) |
| 32. | VM15/285 | Spring Clip, N.V. |
| 33. | BN34/117-GG | Plate, N.V. Retainer |
| 34. | cw2-0307-G | Screw with Washer |
| 35. | N100.606-size | Jet, Low Speed |
| 36. | N102.221-size | Jet, High Speed |
| 37. | BV15/121-05-GG | Screw |
| 38. | BN34/108-GG | Plate, Valve |
| 39. | BN44/165 | Valve Body Assembly |
| 40. | C5-0414-G | Screw (2pcs) |
| 41. | C6-0308-G | Screw |
| 42. | BN44/147 | Cover (Stainless) |
| 43. | MCWS-0512 | Screw with Washer (4) (Stainless) |
| BN34/110 | Spring | |
| 45. | BN34/111 | Bushing |
| 46. | B40I/55 | Nut |

Note: *BN38 & later BN44 **BN44 only

