

B&M 45114 vs. DieselGeek Race Shift / Original kit vs. Neuspeed 5 speed kit

DIRECT COMPARISON B&M to DieselGeek to Neuspeed - VW SHORT SHIFTER

	B&M 45114	DieselGeek Race	DieselGeek Original	Neuspeed
Component construction	1. Stick – Billet 303S stainless steel 2. Pivot – Billet 6061-T6 aerospace quality aluminum, dark blue anodized to military specifications. 3. Reverse Lock-Out – Billet 6061-T6 aerospace quality aluminum, clear anodized to military specifications. 4. Knob w/ B&M Insert – Billet 6061-T6 aerospace quality aluminum, clear anodized to military specifications.	1. Into Gear Trans. Lever - Stamped steel gold zinc plated (not counter-weighted) 2. Cross Gate Trans. Lever – Stamped steel black painted	Into Gear Trans. Lever – Modified OE VW part.	Into Gear Trans. Lever – Stamped steel welded and black powder coated (with counter weight).

Conclusion Neuspeed provides a high quality piece that functions well. The Dieselgeek Original unit is just a reworked stock piece that could be reworked by the end customer. The Dieselgeek Race unit is of a slightly lesser quality of workmanship and material. Without the counter-weight there is a noticeable amount of “notchiness” in shifting. The B&M Sport Shifter has the highest degree of material and workmanship. It is the only unit in this group that is truly a shifter and not a transmission lever as well as the only unit that provides a shift knob. All of the units reduce shift throw, however, the B&M Sport Shifter is the only unit that improves shift feel by replacing some of the spongy shift lever components with high quality higher durometer parts.

Throw Reduction	25%	30%	???	40%
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Conclusion B&M has intensively tested through computer modeling and real world street and track evaluation to arrive at the optimum shift reduction without sacrificing shift feel, precision, and accuracy. Missed shifts occur with shifters that do not operate optimally and that do not feel comfortable to the driver. By only changing geometry (as many companies do) without compensating for motion dynamics (i.e. well placed mass, damping, material durometer, etc.); the shift may be short but has not been “tuned” to be precise and accurate. B&M has accounted for the complete aspect of shifting – not only reduction in throw.

Installation

A. Instructions	(included and posted on-line) detailed step-by-step instructions with photos for every step.	(included with some kits and/or posted on-line) step-by-step instructions with some photos.	(included with some kits and/or posted on-line) step-by-step instructions with some photos.	(included and posted on-line) step-by-step single page instruction – neither photos nor diagrams.
B. Installation time	requires under-vehicle access and exhaust disconnection: approx. 1.5 hrs	requires airbox removal: approx. 45 mins.	requires airbox removal: approx. 45 mins.	requires airbox removal: approx. 45 mins.
C. Adjustment time	requires reverse lock-out stop adjustment: approx. 5 mins.	requires into gear cable adjustment and cross gate cable adjustment: approx. 30 mins.	requires into gear cable adjustment: approx. 20 mins.	requires into gear cable adjustment: approx. 20 mins.

Conclusion
The B&M shifter does take more time and effort to install but this is because you are replacing more stock parts with stronger, more solid B&M pieces that reduce slop and vagueness in shifting. Both the Dieselgeek and Neuspeed shifters are relatively quick and easy to install, however they both will require re-adjustment of the shift cable(s). This in itself can be quite tricky and if not adjusted to factory specifications can cause notchiness and sloppy non-precision shifting. The B&M unit does not require any cable adjustment, thus retaining the factory settings.

Retail Price	\$200.00	\$140.00	\$156.00 (includes \$50 refundable core charge)	\$229.95
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Warranty

One Million Mile Warranty-covers the original purchasing consumer. This warranty is limited to repair or replacement by B&M of any B&M part that fails because of a defect in materials or workmanship. Implied warranty: Any warranties implied by law are limited to the duration of this warranty, (except those states where prohibited by law).	advertises “satisfaction absolutely guaranteed” (what this implies or allows is unknown)	advertises “satisfaction absolutely guaranteed” (what this implies or allows is unknown)
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