



Honda B series Bushing Turbo Selection Guide

The following examples illustrate turbo performance on multiple types (Honda for now) of vehicles, motors, and overall setups. This intent of this guide is to aid in turbo selection for different vehicle builds e.g., street car, road race, and or drag race.

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Example #1 T3/T67 H.O Turbo

Car:

- EG Hatch

Engine:

-Ls/Vtec, 81.5mm

-Stock sleeves

-9:1 cp pistons

-Manley rods

-OEM bearings

-GSR head

-GSR cams

-GSR intake manifold with butterflies removed and ported

-GSR TB

-ARP head studs

-OEM head gasket

Modifications:

-Full Race Stage 3 Kit

-Full Race t3/t67 H.O. upgrade

-1000cc injectors

-Walboro 255lph hp pump

-Stock fuel lines

Tuning:

-Jeff Evans of Evans Tuning

-Neptune



Figure 1. Full Race T3/T67 H.O. turbo @ 28psi with race gas.

Example #2 T3/T67 H.O Turbo

Car:

- Del Sol

Engine:

-B16a sleeved

-81.5mm

-9:1 compression wiseco pistons

-Manley rods

-Skunk2 valvetrain

-CTR cams

-Edelbrock IM

-OEM gsr throttle body

-Ported head

Modifications:

-Full Race stage 3 kit

-T3/T67 H.O. turbo

-3.0 in. exhaust

-Walboro 255lph HP fuel pump

-Fast-turbo fuel feed line upgrade kit (-8.a.n)

-MSD 1000cc injectors

-Exedy twin disk clutch

Tuning:

-Jeff Evans of Evans Tuning

-Neptune



Figure 2. T3/T67 H.O. @ 15 psi with pump gas.



Figure 3. T3/T67 H.O. @ 30 psi with race gas.

Example #3 T3/T67 Turbo

Car:

- DA Integra

Engine:

-Built/sleeved 2.0 liter LS

-9:1 compression

-Stock LS cylinder head

-JG intake manifold

-JG turbo cams

-JG cam gears

-72mm RPM service throttle body

Modifications:

-Full Race stage 3 kit

-3.0 in. exhaust

-Precision 1000cc injectors

-Walboro 255lph fuel pump

-3bar map sensor

Tuning:

-Jeff Evans of Evans Tuning

-Neptune



Figure 4. T3/T67 turbo @ 15 psi with pump gas.

Example #4 T3/T04E 57 Trim Turbo

Car:

-2000 Civic SI

Engine:

-B16a bone stock

-ARP head studs

-Skunk2 intake manifold

Modifications:

-Full Race stage 1 kit

-3.0 in. thermal exhaust

-RC 550cc injectors

-Walboro 255lph pump

Tuning:

-Jeff Evans of Evans Tuning

-Neptune

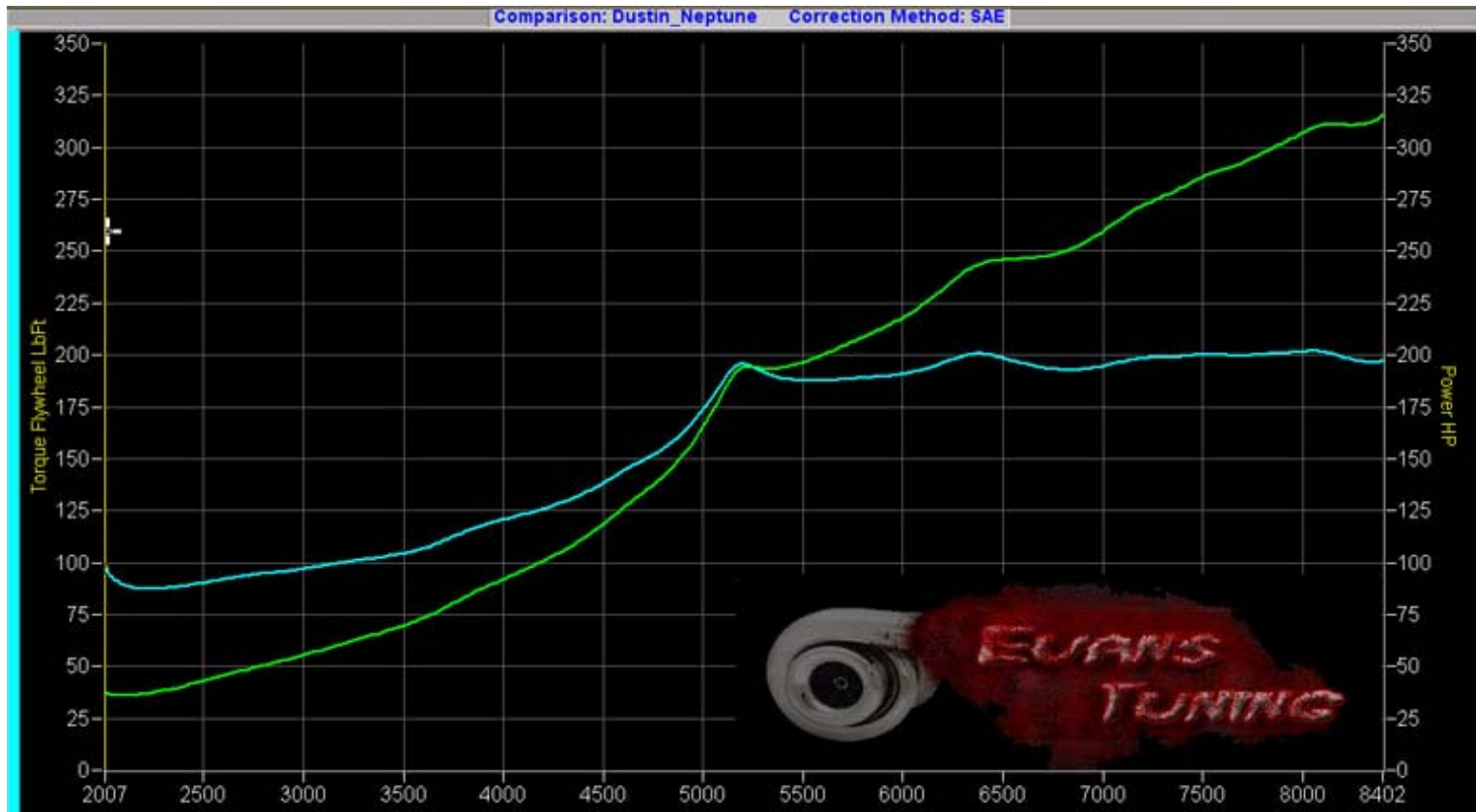


Figure 5. T3/T04E 57 trim @ 9 psi with pump gas.

Example #5 T4/T67 Turbo

Car:

-Eg hatch

Engine:

-2.0 liter ls/vtec

-9:1 compression

-RS machine sleeved

-Headgames ported head

-1mm oversized exhaust valve

-After market springs/retainers

-GSR cams

-Edelbrock IM

-OEM gsr throttle body

Modifications:

-Full Race Stage 4 kit

-1000cc precision injectors

-Aeromotive a1000 pump with sumped fuel tank

-#10 an feed line

-Aeromotive fuel pressure regulator

-3.0 in. down pipe

-3.0 in. thermal exhaust

Tuning:

-Jeff Evans of Evans Tuning

-Neptune



Figure 6. T4/T67 @ 17-18 psi with pump gas.

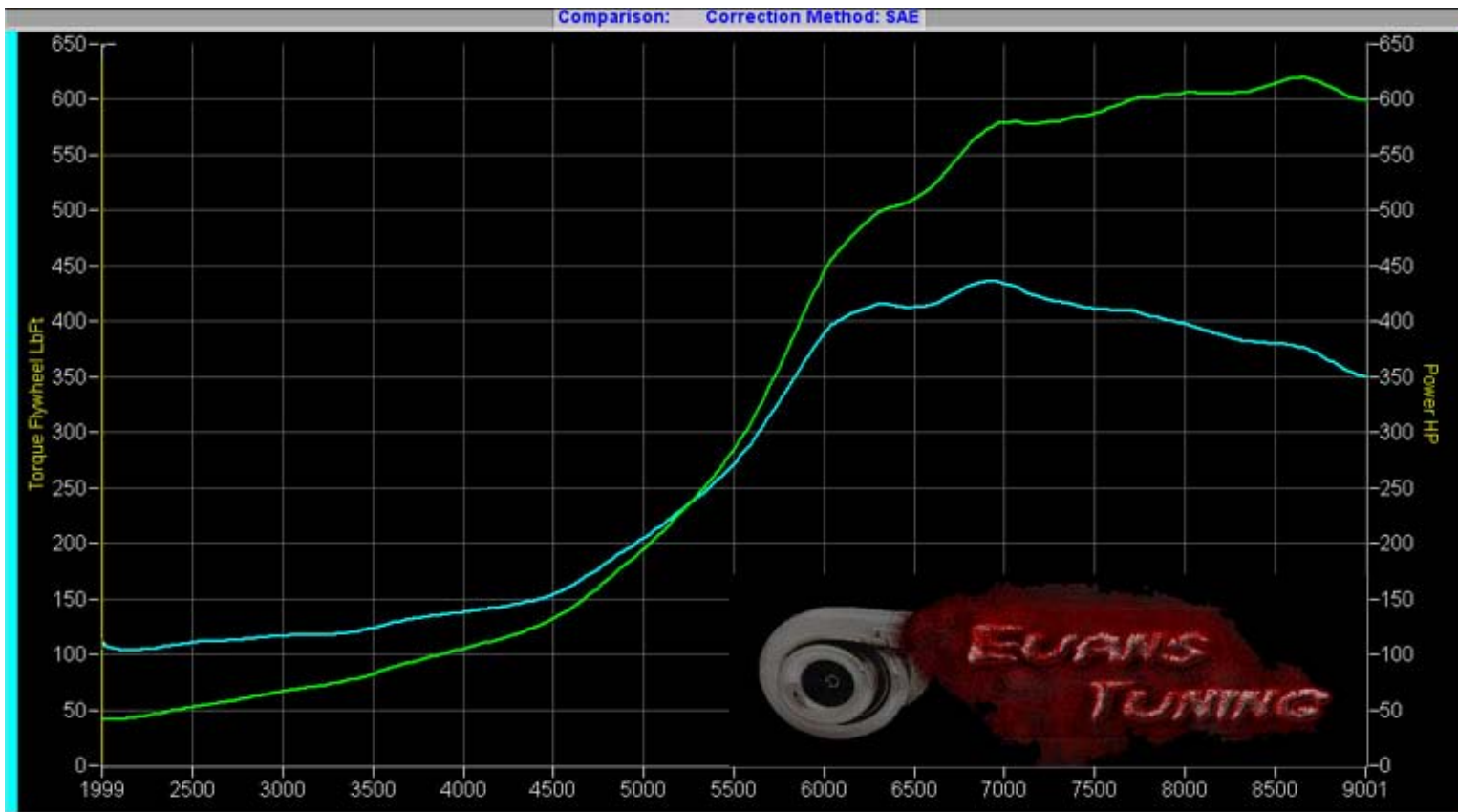


Figure 7. T4/T67 @ 27 psi with race gas.

Example #6 T3/T67 Turbo

Car:

-Integra Type R

Engine:

-GSR

-2.0 liter

-Sleeved with 8.8:1 compression

-Edelbrock IM

-GSR cams

-Stock cam gears

Modifications:

-Full Race stage 3 turbo kit

-3.0 in. exhaust

-750cc RC injectors

-Walboro 255lph pump

-3 bar map sensor

Tuning:

-Jeff Evans of Evans Tuning

-Neptune



Figure 7. T3/T67 @ 16 psi with pump gas.

Example #7 T3/T67 Turbo

Car:

-EG Hatch

Engine:

-2.0 liter ls/vtec

-Eagle rods

-Wiseco 9:1 pistons

-GSR cams

-Edelbrock IM

-Stock gsr throttle body

Modifications:

-Full Race stage 3 turbo kit

-Full Race cam gears

-3.0 in. exhaust

-1000cc injectors

-Walboro 255lph HP pump

-3 bar map sensor

Tuning:

-Jeff Evans of Evans Tuning

-Neptune



Figure 8. T3/T67 @ 26 psi on race gas blend fuel.

Example #8 T3/T67 H.O. Turbo

Car:

-EG Hatch

Engine:

-GSR, 0.020" over bored sleeves

-9:1 CP pistons

-Manley rods,

-OEM bearings,

-Stock un-ported head

-After market springs/retainers

-Stock GSR cams

-Stock GSR intake manifold without butterflies

Modifications:

-Full Race Stage 3 kit with t3/t67 H.O. turbo upgrade

-3.0 in. exhaust

-Stock ignition

-1000cc injectors

-Walboro 255lph fuel pump

-3 bar map sensor

Tuning:

-Jeff Evans of Evans Tuning

-Neptune



Figure 9. T3/T67 H.O. @ 24 psi on race gas blend fuel.

Example #9 T3/T04E 60 Trim Turbo

Car:

- Integra GSR

Engine:

-Bone Stock GSR long block
-Cometic 0.074 in. thick headgasket
-ARP head studs
-Edelbrock intake manifold
-Hondata intake manifold gasket
-Full Race cam gears

Modifications:

-Full Race stage 1 kit
-RC 750cc injectors
-Walboro 255lph fuel pump
-3.0 in. thermal exhaust
-3 bar map sensor

Tuning:

-Jeff Evans of Evans Tuning
-Neptune



Figure 10. T3/T04E 60 trim @ 9 psi on pump gas.

Example #10 T3/60-1 Turbo

Car:

- EG hatch

Engine:

-2.0 ls/vtec

-9:1 compression sleeved,

-Endyn-ported head/stock diam. valves ,

-Edelbrock intake manifold

-Edelbrock throttle body

-ITR cams

-Manley valvetrain

Modifications:

-Full Race ProStreet T3/44 manifold

-T3/60-1 .82a/r stage 5 wheel,

-3.0 in. down pipe, 3.0 in. exhaust

-TiAL 44mm waste gate

-1000cc precision injectors

-Aeromotive a1000 external pump, Aeromotive fuel pressure regulator

-# 8 a.n lines

-MSD digital 6

-HVC coil

-MSD plug wires

-3 bar map sensor

Tuning:

-Jeff Evans of Evans Tuning

-Neptune

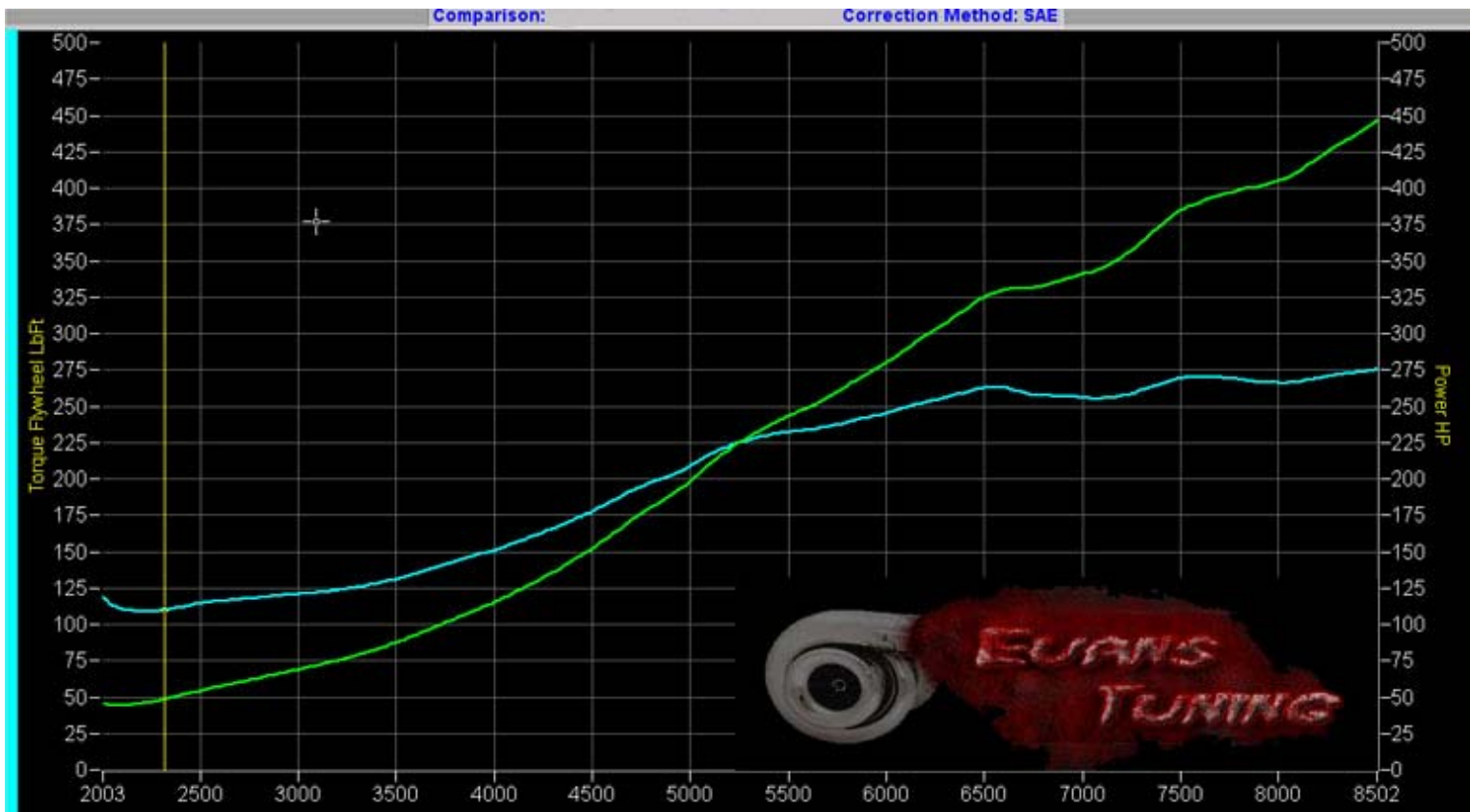


Figure 11. T3/60-1 @ 13 psi on pump gas.



Figure 12. T3/60-1 @ 25 psi on race gas blend fuel.

Example #11 T3/60-1 Turbo

Car:

- EG hatch

Engine:

-2.0 liter gsr

-Endyn ported head

-Endyn Rollerwave 9.5:1 pistons

-Ported skunk2 intake manifold

-JG 65mm TB

Modifications:

-Full race stage 2 kit

-T3/60-1 with 0.82a/r housing

-Greddy race blow off valve

-1000cc injectors

-Aeromotive pump/regulator/filter/sumped tank/-8 A.N feed line

Tuning:

-Jeff Evans of Evans Tuning

-Hondata

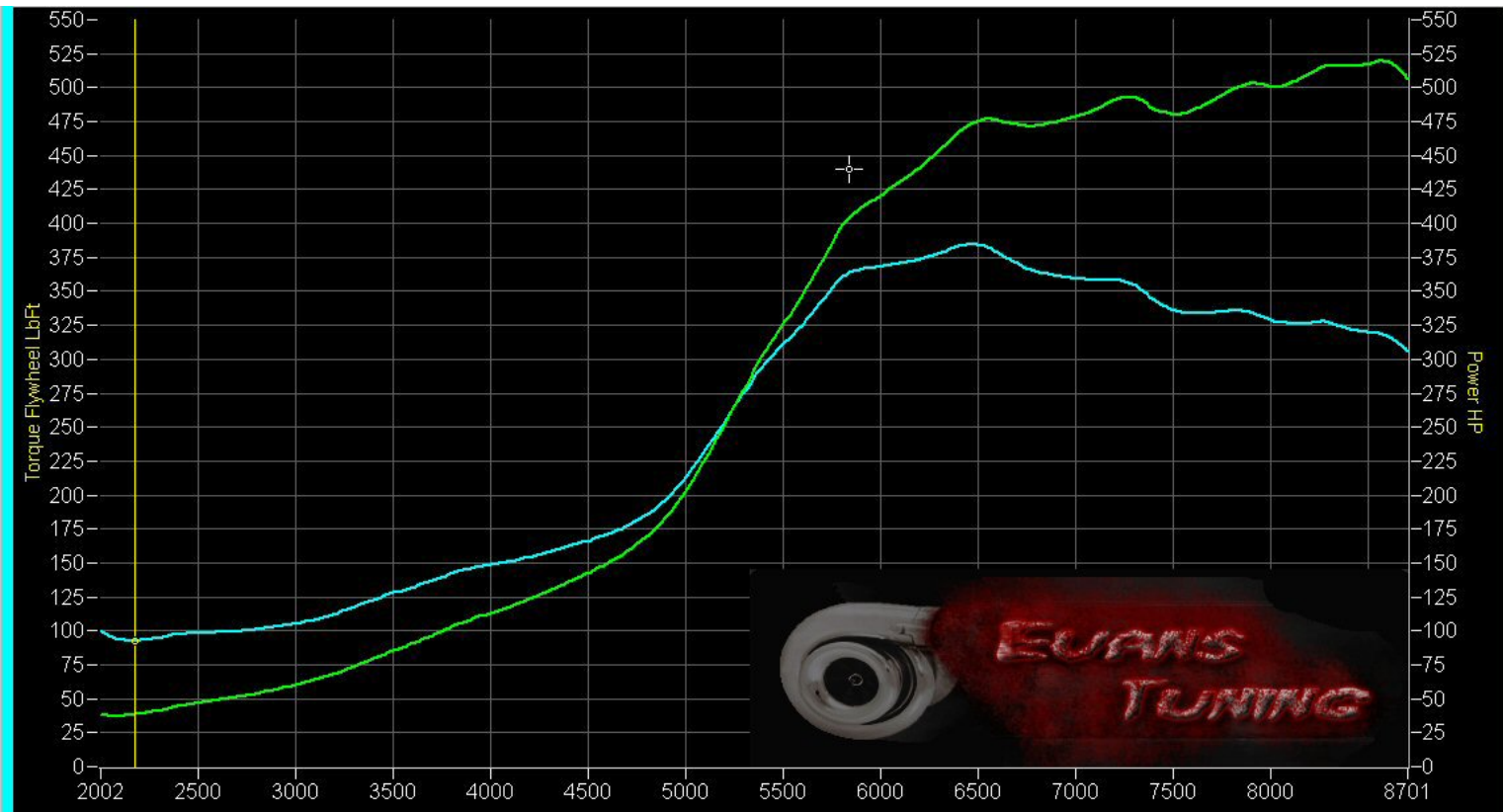


Figure 13. T3/60-1 @ 24 psi on race gas blend fuel.

Example #12 T3/T67 Turbo

Car:

- 2001 Integra Type R

Engine:

-2.0 liter sleeved and built bottom end
-Built and ported head
-GSR cams
-Edelbrock intake manifold
-Edelbrock throttle body

Modifications:

-Full Race ProStreet T3/40 manifold
-Full Race t3/t67
-TiAL 40mm waste gate
-Greddy type 24 intercooler
-3.0 in. down pipe
-3.0 in. exhaust
-Custom IC piping
-TiAL blow off valve
-RC 750cc injectors
-3 bar map sensor
-Walboro 255lph HP pump

Tuning:

-Jeff Evans of Evans Tuning
-Hondata



Figure 14. T3/T67 @ 14 psi on pump gas.