

Vehicle type: B7 S4 Nick R
 License plate: 206274 crank
 Inspector: Jon w JHM

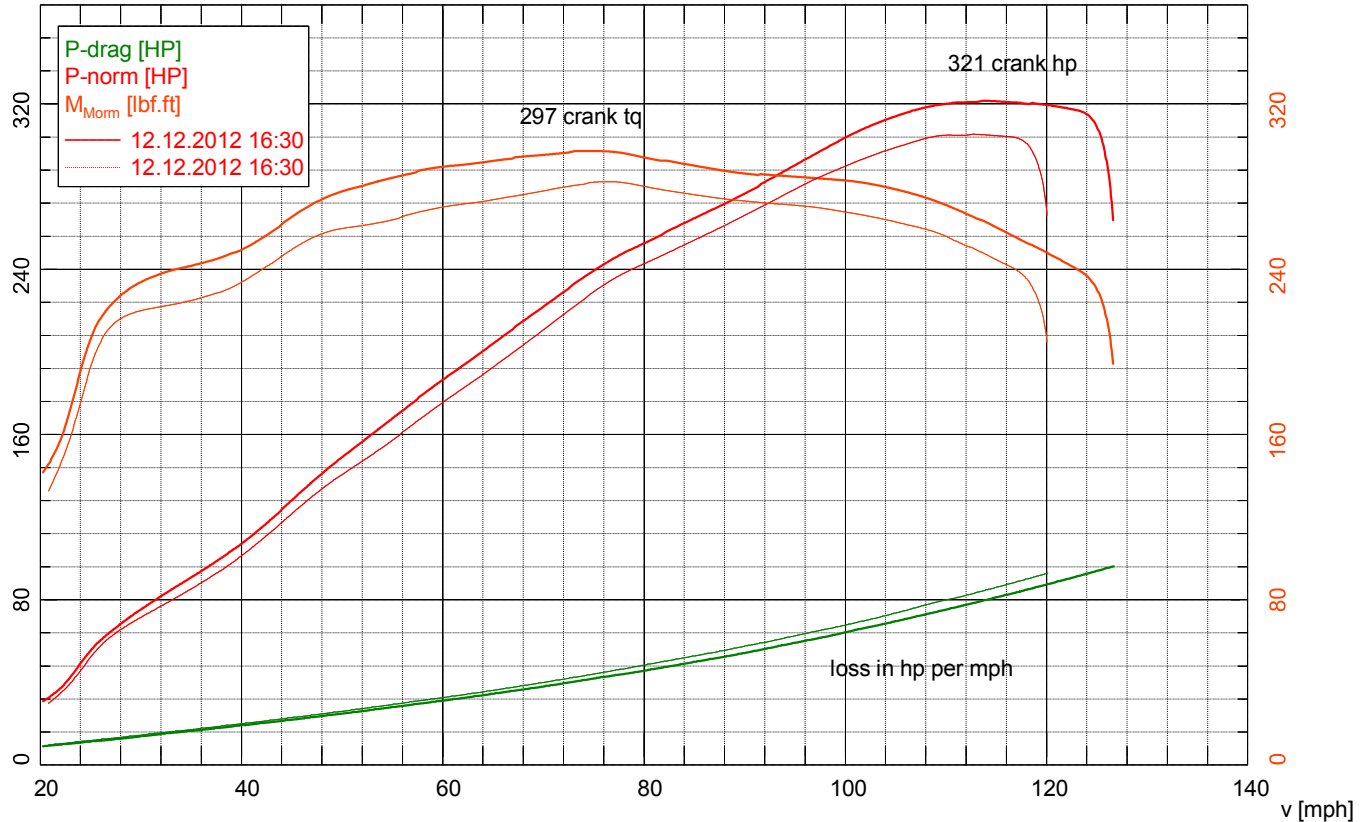
Otto-Motor / No or mechanical charger
 Manual transmission
 4 wheel drive

crank JHM vs stock

45 - - 100 160 7 4th

Measurement date: 12.12.2012 (17:37)

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Power data

Corrected power ¹⁾	P _{Norm}	321.5 HP	/	239.7 kW
Engine power	P _{Eng}	297.4 HP	/	221.7 kW
Wheel power	P _{Wheel}	217.8 HP	/	162.4 kW
Drag power	P _{Drag}	79.5 HP	/	59.3 kW
Max. power at		113.7 mph	/	6415 rpm
Torque ¹⁾	M _{Mom}	297.2 lbf.ft		
Max. Torque at		75.0 mph	/	4230 rpm
Max. attained speed		126.7 mph	/	7285 rpm

¹⁾ Correction acc. to SAE J 1349
 Correction factors: Q_v = 0.00 %

Ambient data

Ambient temperature	T _{Ambient}	73.8 F
Intake air temperature	T _{Intake air}	114.8 F
Relative humidity	H _{Air}	14.4 %
Air pressure	p _{Air}	963.9 hPa
Steam pressure	p _{Steam}	4.1 hPa
Oil temperature	T _{Oil}	199.4 F
Fuel temperature	T _{Fuel}	---- F

Slip

Speed no load	V _{no load}	---- mph
RPM no load	n _{no load}	---- rpm
Speed full load	V _{full load}	---- mph
RPM full load	n _{full load}	---- rpm
Slip (Manual input)		0.00 %

Rotating mass

a _{1-FA}	---- mph/s	a _{1-RA}	---- mph/s
F _{1-FA}	---- lbf	F _{1-RA}	---- lbf
a _{2-FA}	---- mph/s	a _{2-RA}	---- mph/s
F _{2-FA}	---- lbf	F _{2-RA}	---- lbf
F _{rot-total -FA}	---- lbf	F _{rot-total -RA}	---- lbf
m _{rot-total-FA}	711.2 lb	m _{rot-total-RA}	711.2 lb
m _{rot-dyno-FA}	551.2 lb	m _{rot-dyno-RA}	551.2 lb
m _{rot-vehicle-FA}	160.1 lb	m _{rot-vehicle-RA}	160.1 lb