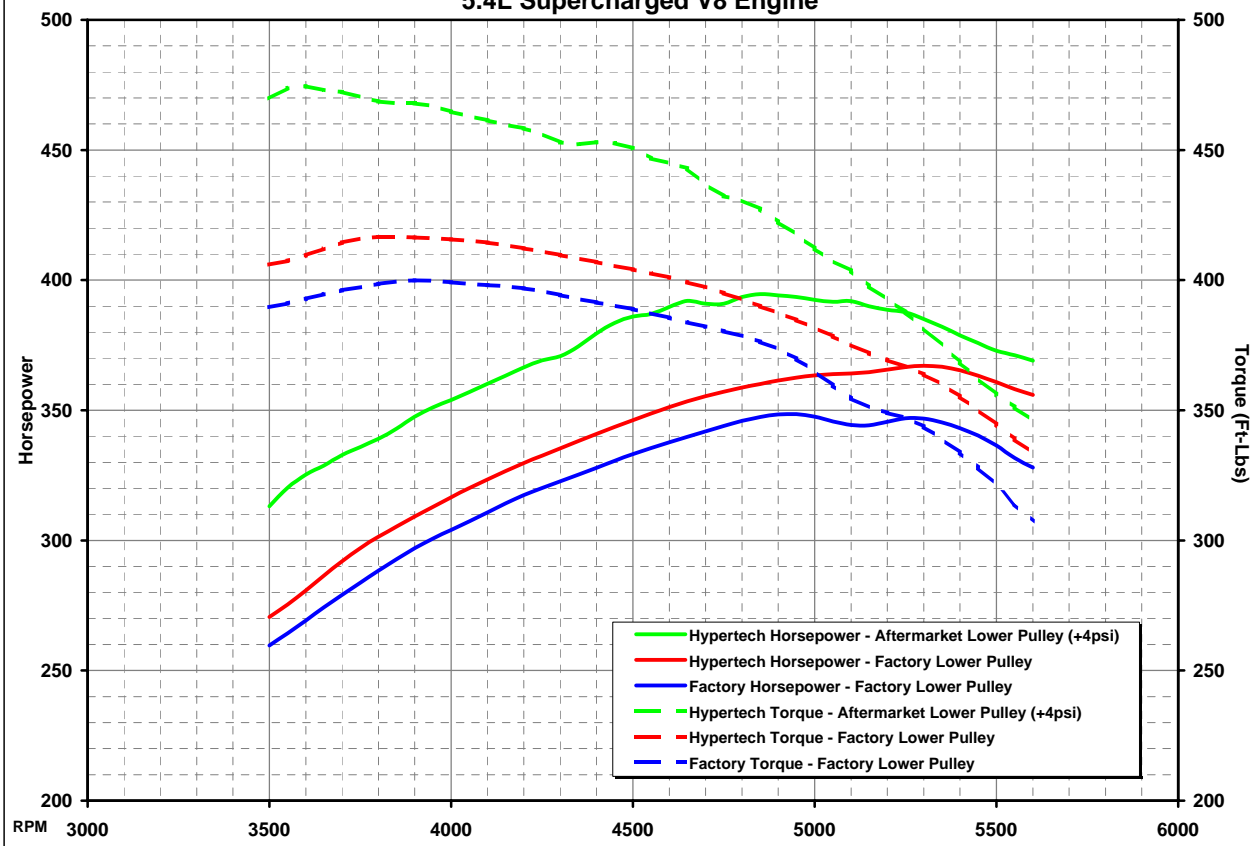


# HYPERTECH DYNAMOMETER TEST RESULTS

1999-2004 Ford F150 Lightning, Harley-Davidson  
5.4L Supercharged V8 Engine



Tuning	Horsepower		Torque	
	Maximum	Gain	Maximum	Gain
Hypertech Tuning Lower Pulley (+4psi)	395 HP @ 4850 RPM	+56 HP @ 3600 RPM	475 Ft-Lbs @ 3600 RPM	+83 Ft-Lbs @ 3550 RPM
Hypertech Tuning Stock Pulley	367 HP @ 5300 RPM	+28 HP @ 5600 RPM	417 Ft-Lbs @ 3800 RPM	+26 Ft-Lbs @ 5600 RPM
Factory Tuning Stock Pulley	349 HP @ 4950 RPM	—	400 Ft-Lbs @ 3900 RPM	—

RPM	Horsepower			
	Factory Tuning Stock Pulley	Hypertech Tuning Stock Pulley	Hypertech Tuning Lower Pulley (+4psi)	
	HP	HP	HP	(Gain)
3500	260	271	313	(+53)
3550	264	275	320	(+56)
3600	269	281	325	(+56)
3750	284	297	336	(+52)
3800	288	301	339	(+51)
3900	297	309	347	(+50)
4000	304	317	354	(+50)
4250	320	333	369	(+49)
4500	333	346	386	(+53)
4750	344	357	391	(+47)
4850	347	360	395	(+48)
4950	349	363	394	(+45)
5000	348	363	392	(+44)
5250	347	367	388	(+41)
5300	347	367	385	(+38)
5500	337	361	373	(+36)
5600	328	356	369	(+41)

RPM	Torque			
	Factory Tuning Stock Pulley	Hypertech Tuning Stock Pulley	Hypertech Tuning Lower Pulley (+4psi)	
	Torque	Torque	Torque	(Gain)
3500	390	406	470	(+80)
3550	391	407	474	(+83)
3600	393	410	475	(+82)
3750	397	416	470	(+73)
3800	399	417	469	(+70)
3900	400	416	468	(+68)
4000	399	416	465	(+66)
4250	396	411	456	(+60)
4500	389	404	451	(+62)
4750	380	395	432	(+52)
4850	376	390	427	(+51)
4950	370	385	418	(+48)
5000	365	382	412	(+47)
5250	347	367	388	(+41)
5300	344	364	382	(+38)
5500	321	345	356	(+35)
5600	307	333	346	(+39)

### Tuning Features

- Premium Fuel Power Tuning for Stock or Aftermarket Supercharger Pulleys
- Adjustable Transmission Shift Points and Shift Firmness
- Speedometer and Odometer Correction for Tire Sizes for 24"-54" Speedometer and Odometer Correction for Rear Axle Gear Ratios 2.73:1-4.56:1
- Reads, Displays, and Clears Diagnostic Trouble Codes (DTC's)
- Adjustable Engine RPM Rev Limiter



Vehicle Tested: 2004 F-150 Lightning  
Engine: 5.4L Supercharged  
Transmission: 4-Speed Auto  
Gear Ratio: STOCK  
Tire Size: STOCK  
Test Date: 2/6/2009

Hypertech Part Number:  
Max Energy

42500