SuperFlow Technical Support

Quick Start Checklist for SF-BW Engine Dynos With NetDyn

Step	Action	Location	Purpose
Preliminary Steps	Water System Exhaust System Airflow System Mount Engine	Dyno cell	Insure all infrastructure systems are functional Insure all necessary engine mounting functions are completed
1	Power on computer system	Power switch on Dyno Computer	Turns on computer to prepare to load WinDyn software
2	Power on Dyno Console	Key switch on Console	Turns on sensor box and console
3	Launch NetDyn application	NetDyn Icon on left computer desktop	Starts the NetDyn application for the center monitor; NetDyn should automatically connect to the sensor box
4	Launch WinDyn Software	WinDyn Icon on left computer desktop	Establishes comm to sensor box, runs WinDyn application on dyno computer
5	Open desired Test Group	**'F2'** function key on computer keyboard	Installs the selected files from the computer to the sensor box
6	Check Torque and Weather	**'2'** key on dyno computer keyboard	Verify the torque system is at or near zero (+/-2), verify weather conditions are current
7	System setup	**'S'** key on dyno computer keyboard	Set the data file name and beginning sequence number Set the file storage location (folder) for test data files Select test profile to perform (Normal test is **Accel**) Set correct engine specifications Set test parameters Set ValPos channel for engine power (under 1000Hp, use .80) Enter test notes to be appended to the data files Memorize settings for future use
8	Activate Test Setup	**'F2'** function key on computer keyboard	Installs and activates test setup into sensor box.
9	Return to main viewing screen	**'1'** key on dyno computer keyboard	Normal viewing screen when running tests
10	Prepare the engine for testing	Engine and test cell control switches	Connect all desired sensors, warm engine up
11	Start test	**'START'** button on NetDyn application	Begins execution of the selected test type, stops at ramp command; Bring throttle to WOT, servo should hold engine at LOWER RPM setting; allow engine time to stabilize
12	Run Test	**'D'** key on NetDyn application interface	Executes ramp (accelerates engine); when ramp completes, return throttle to IDLE
13	Analyze data	**VIEW SAVED** icon on WinDyn "Analysis - Saved" Toolbar	 Select desired data file to analyze, print, or plot