

MASTER FLO-CHECK

PN 15519

MASTER FLO-CHECK PRO

PN 15529

The Flo-Check is used to establish a base line tune-up for your NX system. Nothing more. After a clean, full power pass, the final tune-up will be determined by spark plug readings (see “Power Tuning Tips” in your nitrous system instructions).

The Master Flo-Check is easy to use and a reliable way to establish the flowing fuel pressure of your NX nitrous system:

1. By consulting the jet chart on the reverse side, select the proper jet required to flow the HP setting on your NX system.
2. Plate systems only. The fuel pressure must be measured before the fuel enters the solenoid. Select the proper adaptors, included in the Flo-Check kit, to connect the supplied pressure gauge to the proper location on the N2O system fuel supply side.
3. Nozzle systems only. On either single or double solenoid nozzle systems the fuel pressure may be checked anywhere in the fuel system after the regulator and before the fuel solenoid. Select the proper adaptors, included in the Flo-Check kit, to connect the supplied pressure gauge to the proper location on the N2O system fuel supply side.
4. PN 15529 only. The 6” certified calibration gauge is designed to operate in the up-right position only, do not lay flat when checking the fuel pressure! The gauge should be held up right at about the same height as the fuel solenoid, varying the height will change the fuel pressure readings.
5. PN 15519 only. Install the supplied fuel pressure gauge directly on the blue adaptor manifold.
6. Plate systems only. Use the supplied fitting to secure the jet to the 3/16 stainless steel fuel jumper line that connects the solenoid to the N2O plate. Note: On Gemini twin series plates use the supplied D-3 plug to block one side of the fuel plumbing.
7. Nozzle systems only. Use the supplied adaptors to connect the jumper line that leads to either fuel solenoid to the Flo-Check manifold. Using the specially modified jet-fitting, insert the proper flow jet, and install the jet retaining cap.

8. Before beginning the flowing adjustments disconnect the power from the N2O solenoid (on plate systems) to avoid accidental nitrous discharge into the intake tract and avoid electro-magnet over heating. On nozzle systems turn the master arm switch to the “Off” position.
9. Attach a small diameter hose to the jet fitting to carry the fuel to a safe, approved storage container away from hot engine parts.
10. Use extreme caution when using this device. Gasoline is very flammable and could cause serious injury or death if ignited.
11. When all cautions have been observed turn the fuel pump on and using the pressure regulator, adjust the fuel pressure to the proper level. Note: Plate systems require the fuel solenoid to be activated while the fuel pressure is being adjusted. Your particular application may require the fuel pressure to be substantially lower than indicated on the attached chart. If you plug readings indicate an over rich condition lower the fuel pressure in .10 lb increments until the plug readings improve

Note: The nitrous and fuel solenoids are rated only for intermittent duty. Do not engage either solenoid for more than 20 continuous seconds. Solenoids that have “burned or scorched” electro-magnets will not be replaced under warranty.



Nozzle System

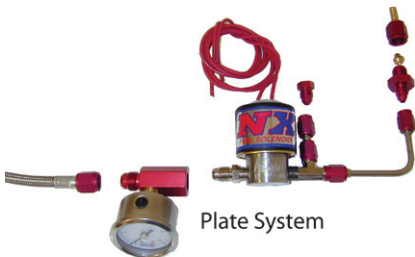


Plate System

GASOLINE

HP SERIES MASTER FLOW JET SHEET
ALL FLOWING FUEL PRESSURE ARE 10 PSI

CONVENTIONAL PLATE STAGE 6 SYSTEMS			CONVENTIONAL PLATE PROPOWER SYSTEMS			GEMINI TWIN PLATE STAGE 6 SYSTEMS		
HP	JET	FFP	HP	JET	FFP	HP	JET	FFP
50	33	10	100	46	10	50	33	10
100	41	10	200	57	10	100	46	10
150	52	10	300	67	10	150	57	10
200	57	10	400	82	10	200	62	10
250	62	10	500	88	10	250	67	10
300	73	10				300	70	10

GEMINT TWIN PLATE
PROPOWER SYSTEMS

HP	JET	FFP
100	46	10
200	62	10
300	67	10
400	82	10
500	88	10

HP SHARK NOZZLE SYSTEM

HP	JET	FFP
200	57	10
300	70	10
400	78	10
500	82	10
600	93	10

ALCOHOL

HP SERIES MASTER FLOW JET SHEET
ALL FLOWING FUEL PRESSURE ARE 10 PSI

CONVENTIONAL PLATE STAGE 6 SYSTEMS			CONVENTIONAL PLATE PROPOWER SYSTEMS			GEMINI TWIN PLATE STAGE 6 SYSTEMS		
HP	JET	FFP	HP	JET	FFP	HP	JET	FFP
50	46	10	100	62	10	50	41	10
100	62	10	200	78	10	100	62	10
150	73	10	300	93	10	150	73	10
200	82	10	400	116	10	200	78	10
250	88	10				250	82	10
300	136	10				300	88	10

GEMINT TWIN PLATE
PROPOWER SYSTEMS

HP	JET	FFP
100	57	10
200	78	10
300	82	10
400	88	10
500	93	10

HP SHARK NOZZLE SYSTEM

HP	JET	FFP
200	78	10
300	88	10
400	99	10
500	110	10
600	116	10
700	136	

MASTER FLO-CHECK GUIDE

FLOWING FUEL PRESSURE AND CHECK JET SIZE

ALL STAGE 5 & 6 CONVENTIONAL PLATE SYSTEMS

HP	JET	FFP
50	35	5
100	46	4.8
150	62	4.6
200	70	4.4
250	78	4
300	88	3.8

GEMINI TWIN PLATE PROPOWER SYSTEMS

HP	JET	FFP
100	52	4.8
200	70	4.3
300	82	3.8
400	110	3.4
500	116	3.2

PROPOWER CONVENTIONAL PLATE SYSTEMS

HP	JET	FFP
100	57	4.8
200	67	4.3
300	82	3.8
400	93	4.5
500	93	5

PIRANHA & SHARK NOZZLE SYSTEMS

HP	JET	FFP
200	62	4.4
300	82	3.8
400	99	3.4
500	110	3.2
600	116	2.8

GEMINI TWIN PLATE STAGE 6 SYSTEMS

HP	JET	FFP
50	35	5
100	46	4.8
150	67	4.6
200	70	4.4
250	78	4
300	82	3.8