



**POLARIS**<sup>®</sup>  
*Racing*



## 800 MOD MOTOR SETUP SHEET

### DRIVE CLUTCH:

FLYWEIGHT ID: 10-62 part #1321586

SPRING: Black/Green part #7042083

### DRIVEN CLUTCH:

HELIX: 56-40 F Available from Polaris Racing

SPRING: Black/Red part #7043063

### GEARING:

20-45, use 76 pitch chain

### IGNITION:

Use Champion RN57YCC or NGK BPR9EV gapped at .018"

Ignition Timing is 29 degrees checked between 3000 and 5000 rpm

### SHIFT DATA:

ENGAGEMENT: 4200 rpm

UP-SHIFT: 8200 rpm

### CARB DATA:

FUEL: Polaris 110 Octane

OIL: Polaris Racing Oil

MAIN JET: PTO-430 MAG-430

PILOT JET: 55

CUTAWAY: 1.5 (stock)

NEEDLE JET: 9DFH10-57 2<sup>nd</sup> clip

FUEL SCREW: 1.5 turns

***This carb calibration has already been installed. This is designed for SNO-X Racing only, engine damage may occur if run at wide open throttle for extended periods.***