



# TITAN® KitEngine™ Designation System *Example: IOX-360-A1E1N4*

## Base Engine

- O 100% Certified Parts, set up for Carbureted System
- OX Set up for Carbureted System, Experimental (Tapered Fins)
- IOX Injected Experimental ←

## Displacement

- 320 321 cubic inches (150-166hp)
- 340S 340 cubic inches using a stroked 320 crankshaft (177-185 hp)
- 360 361 cubic inches (185-188 hp) ←

## Crankshaft

- A Constant Speed (Var. Pitch); Hollow Main Crankshaft ←
- B Fix. Pitch; Hollow Main Crankshaft
- D Solid Main Crankshaft (Not for 340S)

## Crankcase & Mount

- 1 Crankcase with Dynafocal Type 1 Engine Mount ←
- 3 Crankcase with Conical Engine Mount
- 4 Crankcase with Dynafocal Type 1 Engine Mount & Thrust Washer Mod.
- 6 Crankcase with Conical Engine Mount & Thrust Washer Mod.

## Accessory Drive & Oil Sump

- A Bottom-Mount Hot Induction Sump; Impulse Coupled Magnetos
- B Bottom-Mount Hot Induction Sump; Retard Breaker Magneto
- E ECI Finned Cold Induction Sump; Impulse Coupled Magnetos (Not for 320, 340S or certified engines) ←
- F ECI Finned Cold Induction Sump; Retard Breaker Magneto (Not for 320, 340S or certified engines)
- G ECI Unfinned Cold Induction Sump; Impulse Coupled Magnetos (Not for certified engines)
- H ECI Unfinned Cold Induction Sump; Retard Breaker Magnetos (Not for certified engines)
- J Bottom-Mount Hot Induction Sump; 2 Non-Impulse Magnetos (for Electronic Ignition only)
- K ECI Finned Cold Induction Sump; 2 Non-Impulse Magnetos (for Electronic Ignition only)
- L ECI Unfinned Cold Induction Sump; 2 Non-Impulse Magnetos (for Electronic Ignition only)

## Cylinders & Pistons

- 1 Parallel Cylinder; AEL75089 Piston (8.5:1) (Not for use with 340S) ←
- 2 Parallel Cylinder; AEL75413 Piston (320 7.0:1, 360 7.2:1) or AEL75412 Piston (340S 8.3:1)
- 9 Parallel Cylinder, AEL15357 Piston (9.0:1) (Not for use with 340S)

## Cylinder Bore

- N Nickel+Carbide™ Coated Steel Cylinder Barrel ←
- S Thru-hardened Steel Cylinder Barrel (not available on OX- or IOX- cylinders)

## Spark Plug Size

- 2 18mm spark plugs
- 1 1 14mm spark plug in top location; 1 18mm spark plug in bottom location (Experimental only)
- 4 2 14mm spark plugs (Experimental only) ←

For more details and assistance selecting your TITAN® EXP™ KitEngine™, contact a supplier today.



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