

INTERNATIONAL MODEL C-549

85 KW

548.7 Cubic Inch Displacement

Spec. No. 29AV for Natural Gas

Spec. No. 30AV for LP or Gasoline



GENERATOR:

SAE Adaptor #2
1800 RPM
Flywheel - 11 1/2-inch

ENGINE CONTROL:

Oil pressure shutdown sw: 364-L 46115
Water temp. shutdown sw: 363-E, 3/8" Stewart Warner 46116
Oil prealarm sw: Hobbs M-4009-15 46110
Water temp. prealarm sw: C-479197 United Electric 46109
Start Solenoid, 12 volt DC, No. 24059 Cole Hershey 46006
~~OVER SPEED~~ ~~Syncro START~~ ~~GOA-1000~~ 46117

GOVERNOR:

Gear driven mechanical 3-5% Pierce

ELECTRICAL SYSTEM:

12 volt DC, 37 amp alternator
12 volt DC cranking motor
negative ground electrical system

EXHAUST:

 manifold, down outlet
3 1/2-inch header, Drawing ~~100-88-18-1~~ 105-458 for OPA 44363
105-459 for HSD 44446

FUEL SYSTEM:

Carburetor & Secondary Regulator: Impco 200-7 41000
Solenoid valve: Magnetrol 18D16, 1 1/2", 12 V, NC 46010
4-6 oz. fuel pressure
Adaptor: LP NG
NOTE: Primary regulator: Fisher Model S-201

Gasoline: Items need for converting IHC to Gasoline fuel:

- 1 - 294336 C91 Fuel Pump IHC
- 1 - 532496-R1 Gasket IHC
- 1 - 338305 R93 Includes automatic choke
- NOTE: Carburetor to have 2 - C 66-154-75 main discharge jets for anti-dieseling
- New P/N 71550-C91 ← 2 - 393168 R94 Anti-dieseling solenoid valve
- 1 - 149901 R91 Air horn adapter, 90°
- 1 - 133918 R91 CC-171 Exhaust manifold gasket set

GAUGES:

2-inch gauges:
Water temperature: ~~82306~~ 42403 with sender ~~362-AJ~~ 42403 Stewart Warner
Oil pressure: ~~352-AJ~~ 42403 Stewart Warner sw82209 (42901)
Charge rate ammeter: 82311 Stewart Warner 40315
Tachometer: 2:1 7/8-18 .187

(3 meter) 105-298 (44202) 105-298-1 (44201) (4 meter)

STD Panel Gauges ELECT:

SW 100-240° F 82306 42903
SW 0-100 PSI 82116 or 82305 42905
SW 60-0-60 82311 40315

SW 280-EA sender wt. 45907
SW 279-B oil ~~pressure~~ 45900

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COOLING:

Fan Guard: 105-399 42500 Belt & Pulley guard 105-443 42514
Duct Flange: 105-401 45006

Radiator: Stuart 810097 45000
Radiator: Hose (2) Gates VF-17 United Supply 26432 43308
(1) Gates VF-108 United Supply 26518 43309

STARTING:

Battery: Exide 4D 40506
Battery Rack: Drawing 105-441 204-169 40511
ACID 40521 Cable 3' Std. 40548

STARTING AIDS:

Jacket water heater: Universal Model UH-15-B/59T 43201
1500 watt
Thermostat 204-293-1 40704
59T 46700

EXHAUST:

Muffler: Burgess-Manning Model BMA-3 1/2, 3 1/2-inch, NPT 44343 BE0-5/2 44304
Use end inlet muffler on housed unit

EXHAUST FLEX:

Drawing 204-218; 3 1/2-inch 42610

FUEL FLEX:

1 1/2-inch fuel flex 42631 1 1/2" Y STRAINER 47466

DIMENSIONALS:

Base: Drawing 102-519 Open Power Unit 40410 Drawing 102-524-A
Unit: Drawing 100-88-18-1
Housed: Drawing 100-88-A

NOTE: Use end inlet muffler on housed units.

Air Cleaner Donaldson Co. Model FHG 08-0195 / 40100
Hood ~~SA 100-0173~~ / (4) Mounting Bands PPP00-4307 / 40104
Donaldson P/N → Adapter PPP10-1290 / Brackets 204-283 40106
→ HHR 359-3 1/2 x 3" 43360
Hump Hose → (2) Hose clamps M-56 43335
P/N
(6) 5/16 x 2 x 6 (46905)

invert air cleaner so Hood is not required

6 VIB. mtg. (Pad) # 46905