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TO FINISH FIRST, YOU MUST FIRST FINISH.

ASA LM BREAK IN GUIDELINES

WARM-UP PROCEDURE

Warm-up at approximately 2500 RPM.
160-degree oil temp to race.

SHUT DOWN PARAMETER

Oil pressure below 40 lbs.
Water Temp. Above 230 degree.
Oil temp above 240 degree.

VALVE LASH ADJUSTMENT

Valve lash is pre set.
Lash adjustment, run down to 0 lash and turn 1/4 round down.
Check lash every 300 laps.

COOLING SYSTEM Closed system.

Surge tank recommended
Radiator with heat exchanger recommended.
#8 fitting in upper water pump hole to bottom of surge tank.
7%-15% water pump reduction recommended

Water Outlet

360 Deg. Aluminum swivel 1-1/2" hose outlet
(CSR) #9111R
Aluminum #16 hose outlet
(CV Products) #CV711
(Moroso) #63455

RECOMMENDED POWER STEERING UNIT

When using our drive unit we recommend a (KRC) aluminum pump & pulley
(KRC) #20002
When using G.M. cast pump with press on gear use (KRC) pulley
(KRC) #40160

RECOMMEND OIL

SYNTHETIC- Joes Gibbs Racing Oil, Royal Purple, Mobil 1, Red Line CONVENTIONAL- Cenpeco, Valvoline, Castrol
No oil lighter than 0w20
Oil no heavier than 10w30

RECOMMENDED OIL FILTERS

Fram # HP-6
Peterson # 09-0457 (In line # 10)

OIL LEVEL

8qt. Oil pan with filter
Run engine prior to checking oil level
Oil should be level with sight plug at all times.

OIL CHANGE INTERVALS

Synthetic oil every 300 laps
Conventional oil every 150 laps
50 lap break in with conventional oil recommended
Before using synthetic oil

OIL SYSTEM

HEAT EXCHANGER BUILT INTO RADIATOR OR SEPARATE OIL COOLER HIGHLY RECOMMENDED
If separate oil cooler is used, #10 line is required and is to be as short as possible.
90 deg. Rotating billet remote oil filter adapter
Canton #22-595

DISTRIBUTOR & FIRING ORDER

Firing order 1-3-7-2-6-5-4-8
MSD Pro Billet Dist. #8582 (5 3/4" diameter standard Ford cap)
MSD Pro Billet Dist. #8579 (4 3/4" diameter cap, 1 1/2" shorter over all length)
MSD bronze Gear #8583
Ford steel gear #M-12390-B
Distributor advance is locked when using Crane Ignition box
MSD Ignition use (Blue & silver spring)

SPARK PLUGS

Autolite #AR3934
Use a small coat of never seize on plug threads

IGNITION TIMING

Rev engine to Approximately 3200 RPM
Set timing at 36 Degrees

HEADERS

(Schoenfeld) 1 5/8"-1 3/4"- 3" collector # 335VE-3
1 3/4"-1 7/8"- 3 1/2" collector #336VE

(Dynatech) 1 5/8"-1 3/4"-3 1/2" collector #101-600201
1 3/4"-1 7/8"-3 1/2" collector #101-600301

(Howe) 1 3/4"-1 7/8"-3 1/2" collector #H 41055

DRIVELINE

Crank shaft is internally balanced on flywheel end. Any standard Ford V-8 internally balanced flywheel will work.
Fly wheel bolts are not blind hole, must use thread sealer.
Pilot Bushing for G.M. Transmission.
(QuarterMaster) 110012

ENGINE BOLT TORQUE

WARNING Do not torque intake bolts more than 18 ft. pounds,
Over torque can result in gasket failure.
Head bolts torque 70 ft. pounds.
Fly wheel bolts 65 ft. pounds.