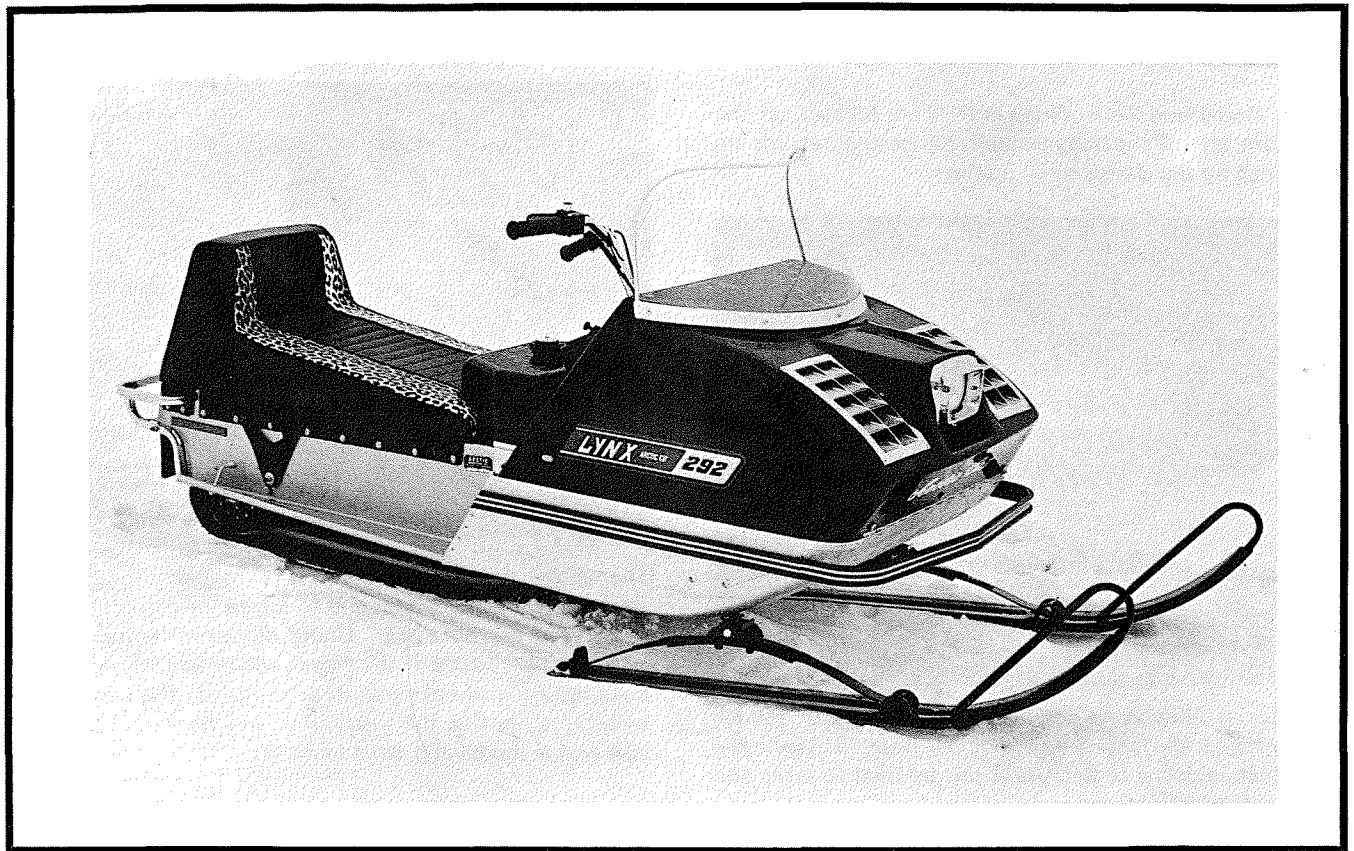


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LYNX SPECIFICATIONS



SERVICE DATA

Chassis:

Length W/Skis	95"
Height W/Windshield	39"
Height W/O Windshield	31"
Overall Width	31½"
Track Width	17"
Track Length On Ground	26"
Approximate Curb Weight	336 Lbs.
Fuel Capacity	4½ Gal.

Engine:

Make	Arctic
ModelKT150B
Bore	74mm
Stroke	68mm
Cylinders	1
Displacement	292cc
Cooling	Centrifugal Fan

Ignition:

Type	Flywheel Magneto
Point Gap012" - .016"
Timing026" BTDC*

Spark Plug:

Champion	K9
Bosch	M280T31
Electrode Gap020"

Fuel/Oil Ratio	20:1
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*Retarded Cam

PUMA SPECIFICATIONS



SERVICE DATA

Chassis:

Length W/Skis	95"
Height W/Windshield	41"
Height W/O Windshield	30½"
Overall Width	31½"
Track Width	17"
Track Length On Ground	26"
Approximate Curb Weight	381 Lbs.
Fuel Capacity	6½ Gal.

Engine:

Model	T1A340S1	T1A400S1	T1A440S1
Make	Arctic	Arctic	Arctic
Bore	60mm	65mm	68mm
Stroke	60mm	60mm	60mm
Cylinders	2	2	2
Displacement	339cc	398cc	436cc
Cooling	Axial Fan	Axial Fan	Axial Fan

Ignition:

Type	Flywheel Magneto		
Point			
Gap	.012" - .016"	.012" - .016"	.012" - .016"
Timing	.015" BTDC*	.015" BTDC*	.015" BTDC*

Spark Plug:

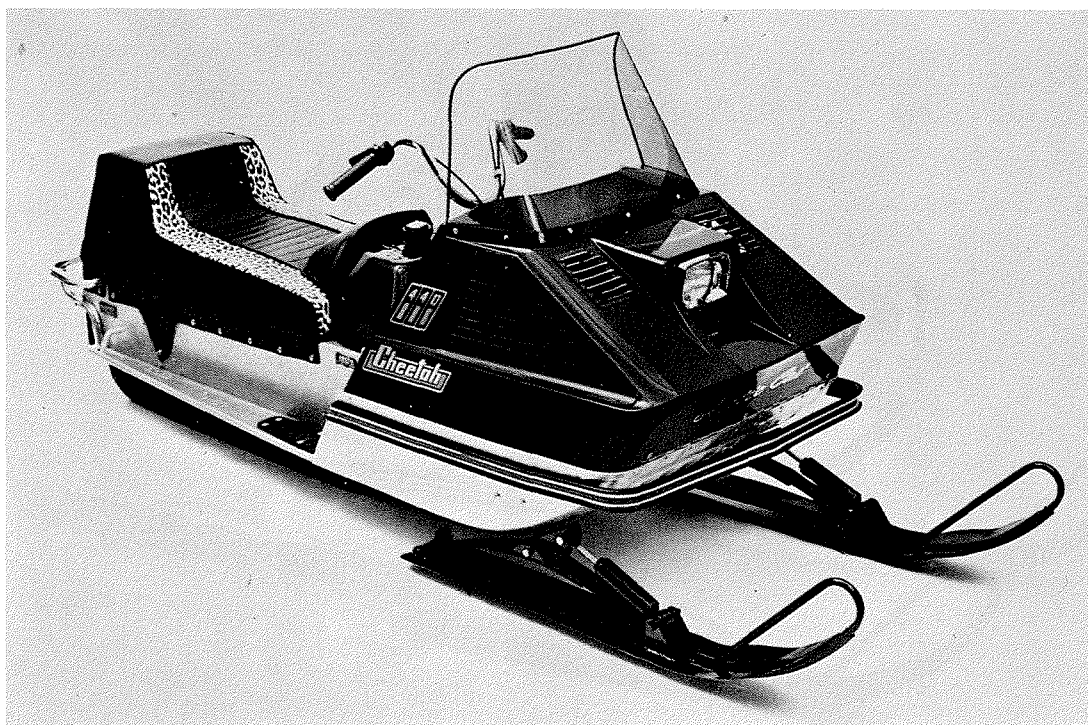
NGK	B9ES	B9ES	B9ES
Electrode			
Gap	.020"	.020"	.020"

Fuel/Oil

Ratio	20:1	20:1	20:1
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*Retarded Cam

CHEETAH SPECIFICATIONS



SERVICE DATA

Chassis:

Length W/Skis	103"
Height W/Windshield	41"
Height W/O Windshield	30½"
Overall Width	31½"
Track Width	17"
Track Length On Ground	33"
Approximate Curb Weight	405 Lbs.
Fuel Capacity	6½ Gal.

Engine:

Model	T1A340S1	T1A400S1	T1A440S1
Make	Arctic	Arctic	Arctic
Bore	60mm	65mm	68mm
Stroke	60mm	60mm	60mm
Cylinders	2	2	2
Displacement	339cc	398cc	436cc
Cooling	Axial Fan	Axial Fan	Axial Fan

Ignition:

Type	Flywheel Magneto		
Point			
Gap	.012" - .016"	.012" - .016"	.012" - .016"
Timing	.015" BTDC*	.015" BTDC*	.015" BTDC*

Spark Plug:

NGK	B9ES	B9ES	B9ES
Electrode			
Gap	.020"	.020"	.020"

Fuel/Oil

Ratio	20:1	20:1	20:1
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*Retarded Cam

PANTHER SPECIFICATIONS



SERVICE DATA

Chassis:

Length W/Skis	105"
Height W/Windshield	42"
Height W/O Windshield	31"
Overall Width	31½"
Track Width	17"
Track Length On Ground	36"
Approximate Curb Weight	425 Lbs.
Fuel Capacity	5 Gal.

Engine:

Model	KM914	T1A340S1	T1A400S1	T1A440S1
Make	Sa/Wa	Arctic	Arctic	Arctic
Bore		60mm	65mm	68mm
Stroke		60mm	65mm	68mm
Cylinders		2	2	2
Displacement		339cc	398cc	436cc
Cooling	Axial Fan	Axial Fan	Axial Fan	Axial Fan

Ignition:

Type	Flywheel Magneto			
Point				
Gap	.014" - .018"	.012" - .016"	.012" - .016"	.012" - .016"
Timing	10° - 12° BTDC	.015" BTDC*	.015" BTDC*	.015" B

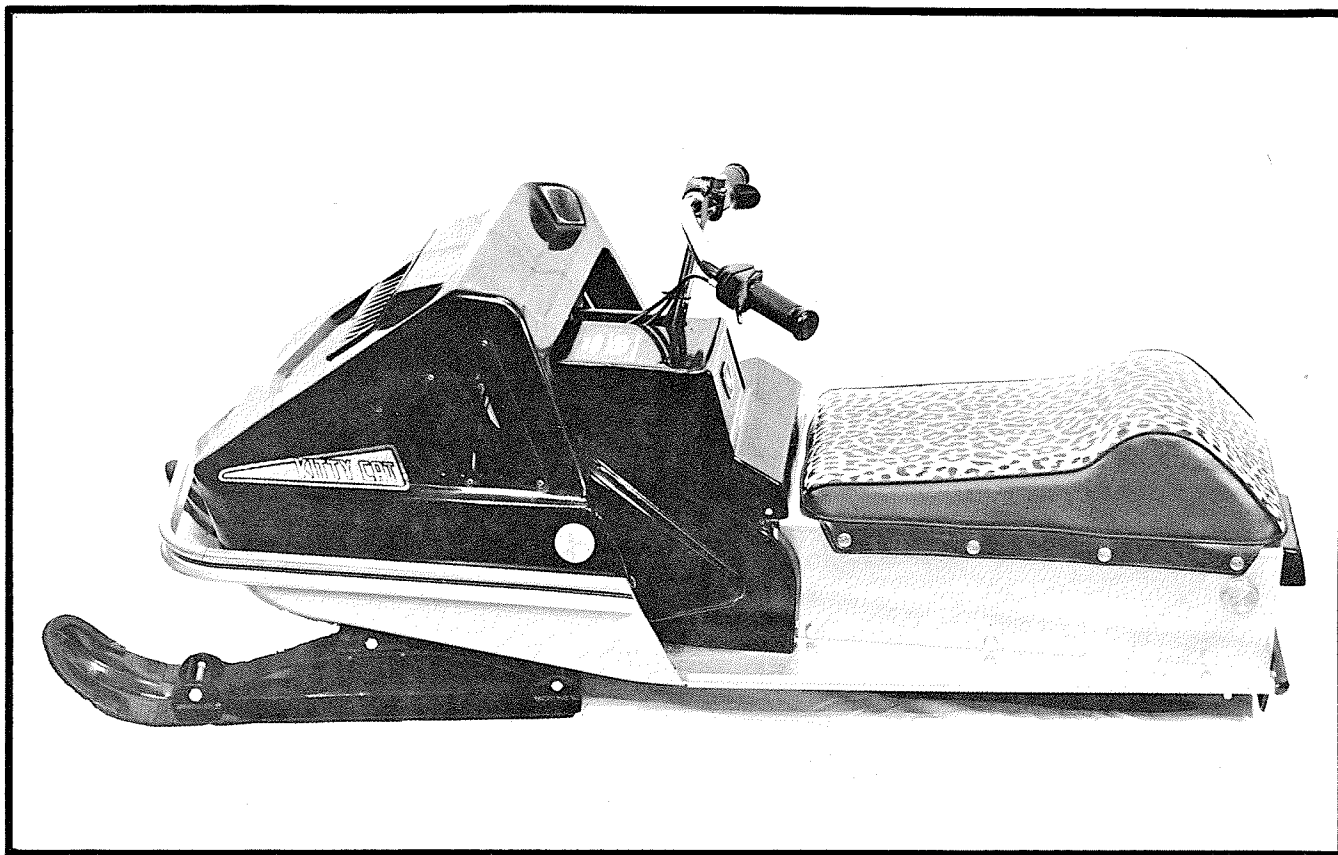
Spark Plug:

Bosch	W150M11S			
NGK	B9ES	B9ES	B9ES	B9ES
Electrode				
Gap	.020"	.020"	.020"	.020"

Fuel/Oil				
Ratio	50:1	20:1	20:1	20:1

*Retarded Cam

KITTY CAT SPECIFICATIONS



SERVICE DATA

Chassis:

Overall Length	56"
Overall Height	22"
Overall Width	23"
Track Width	10"
Track Length On Ground	14"
Approximate Curb Weight	100 Lbs.
Fuel Capacity	2 Qts.
Carrying Capacity	1 Rider, 100 Lbs. Max.

Engine:

Make	Arctic
Model	T5A060S1A
Bore	42mm
Stroke	44mm
Cylinders	1
Displacement	60cc

Ignition:

Type	Flywheel Magneto
Point Gap012" - .016"
Timing	25° BTDC

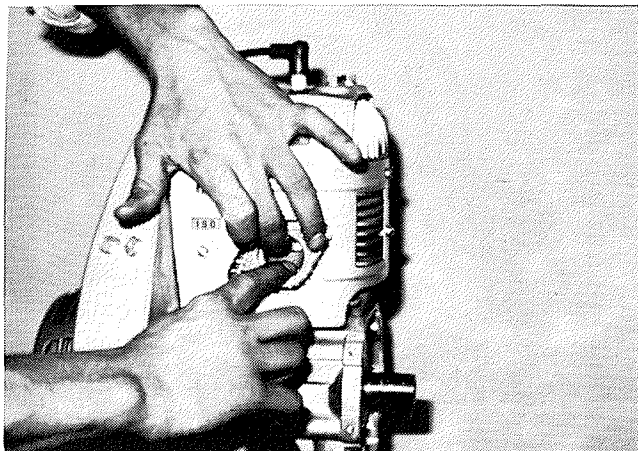
Spark Plug:

NGK	B6H
Electrode Gap020"

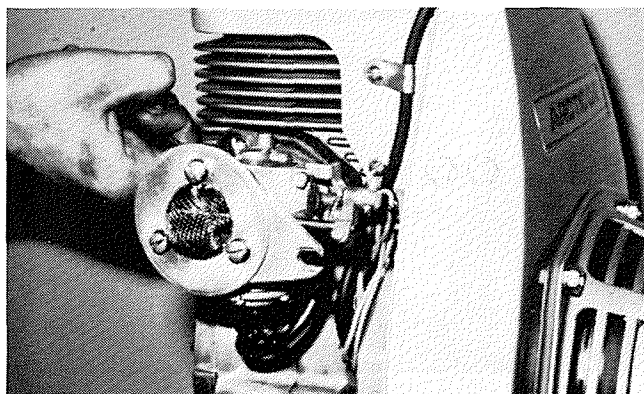
Fuel/Oil Ratio	25:1
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ENGINE SERVICING (SINGLE CYLINDER)

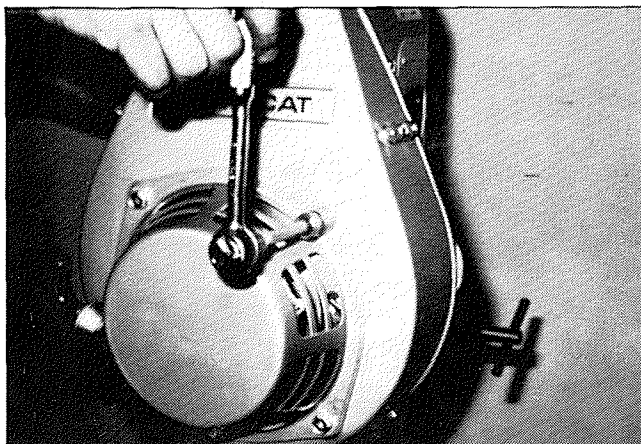
2. Remove the asbestos exhaust outlet gasket.



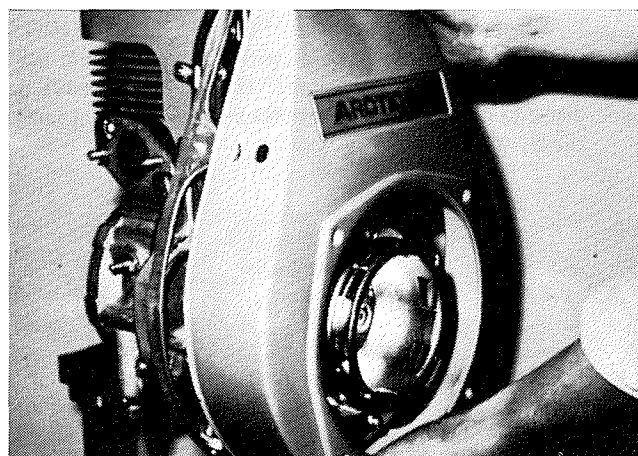
3. Disconnect the impulse line at the engine. Unscrew the two (2) carburetor flange nuts and slide washers off mounting studs. Carefully pull carburetor from the mounting studs. **CAUTION:** Be sure the mounting studs do not back out; breakage of the carburetor ear could result when reassembling.



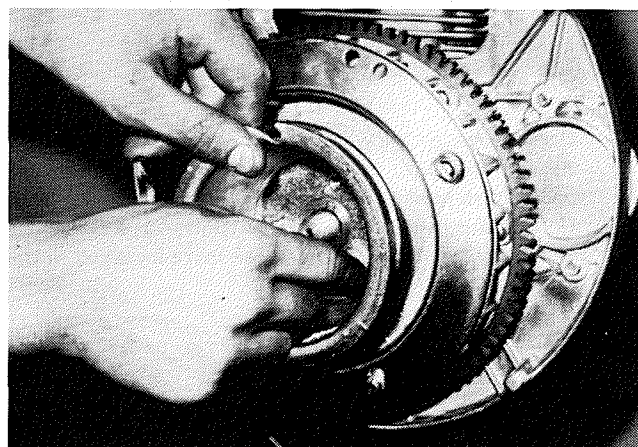
4. Remove the four (4) capscrews and washers securing the recoil starter and set aside.



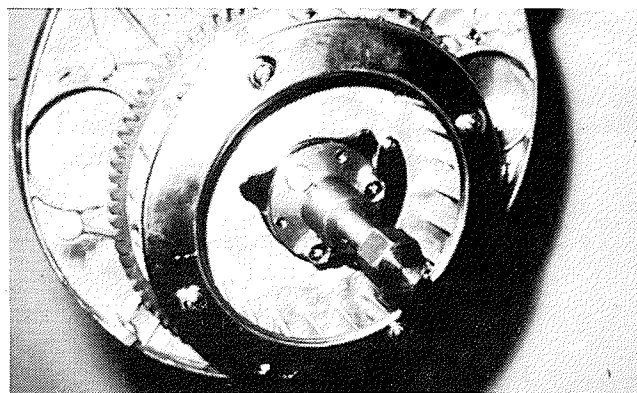
5. Remove the six (6) bolts securing the spiral case to fan cowl. Pull spiral case straight out from the engine.



6. Using a flywheel holding tool and a 13mm socket wrench, remove the three (3) bolts and rope pulley.



7. Install flywheel puller (Arctic Part No. 0144-064) by using the three (3) rope pulley bolts. **CAUTION:** Insure the flywheel puller is evenly seated and all three bolts are tightened uniformly. If bolts protrude through the flywheel, damage to the magneto coils may occur.



SUSPENSION

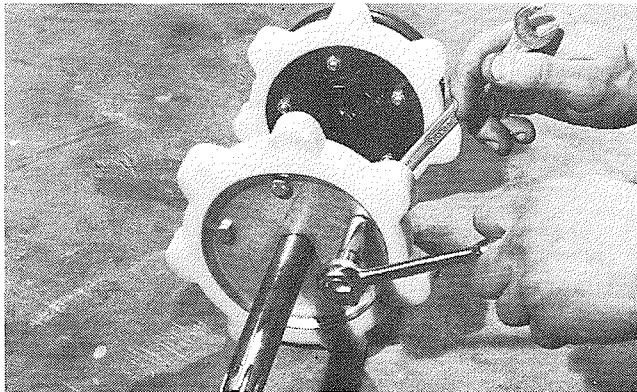
Inspection and Cleaning

1. Visually inspect all component parts for damage, wear, cracks, or distortion. If damage is evident, replace with a new part.
2. Clean all grease, dirt, and foreign matter from the entire track drive assembly.

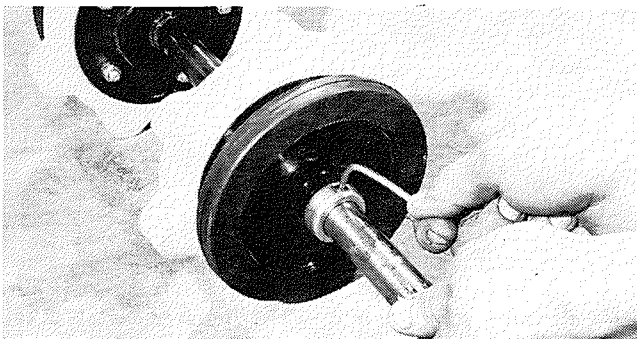
CAUTION: DO NOT use cleaning solvents on the front idler wheels or the track drive sprockets; permanent damage may result.

Track Drive Assembly

1. Insure all component parts have been inspected for damage and properly cleaned. Replace damaged or worn parts.
2. Slide the track drive sprocket and the sprocket flange plate into position on the drive shaft assembly. Flange plate must be installed with lip facing outward. Secure in place with five (5) bolts and lock-nuts. **NOTE: Bolts should be tightened evenly to insure proper seating and alignment of the track drive sprocket.**
3. Perform step 2 on the opposite track drive sprocket.



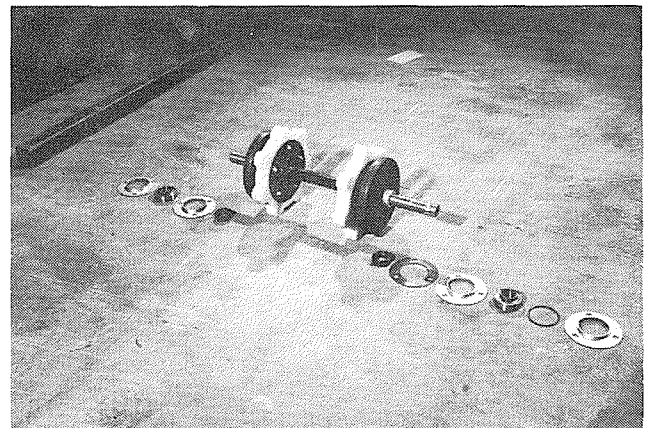
4. Install the front idler wheel on the drive shaft assembly with the longest end of the idler collar facing inward. Slide the set collar against the idler wheel and lock into place by tightening the set screw.



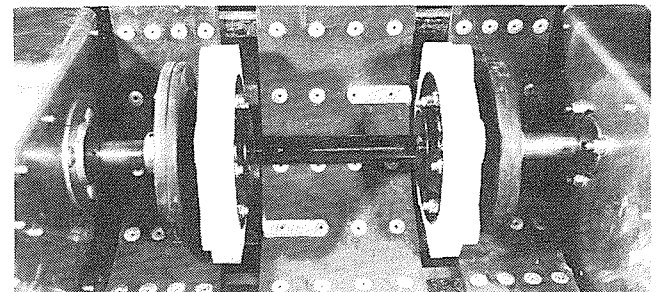
5. Perform step 4 on the opposite front idler wheel.

Track Drive Installation

1. On the splined end of the drive shaft assembly, install a bearing retainer plate (lip facing inward), a lock collar, bearing (race facing inward), "O" ring, bearing retainer plate (lip facing outward), and gasket. DO NOT secure any of these components in place at this time.
2. Position the track in the front end assembly.
3. While holding the components on the drive shaft, slide the splined end through the hole in the front end assembly. Splined end of drive shaft must be installed on PTO side of front end assembly.
4. Install the opposite end of the drive shaft through the hole on the recoil side of the front end assembly.
5. Position the bearing retainer plate (lip facing inward), lock collar, bearing (race facing inward), and the remaining bearing retainer plate (lip facing outward) on the drive shaft.



6. Secure the bearing retainer plates to the front end assembly with the three (3) carriage bolts, washers, and locknuts. **NOTE: Washers and locknuts must be installed on the inside of the front end assembly.**



Retain in place with three (3) carriage bolts and nuts. Install nuts on outside of front end assembly. DO NOT TIGHTEN.