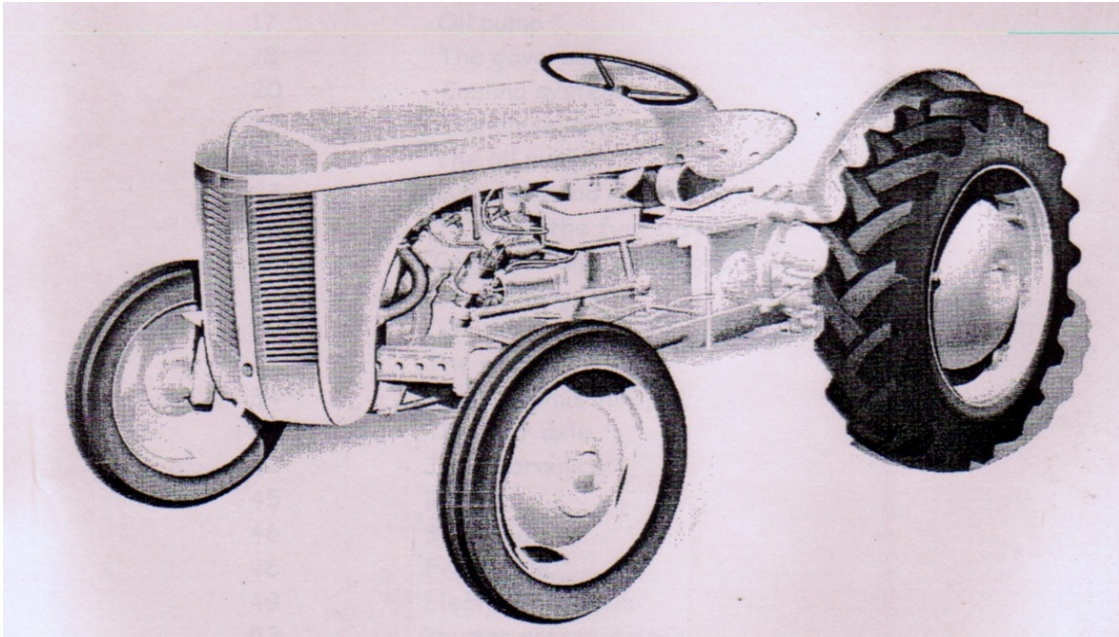


# *Ferguson*

**TEA models 24 & 28  
Parts & Price Listing**



*Available from*

**Discount Tractor Parts**

**Ph 0800 872272**

**7B Manga Rd, Silverdale**

**[www.discounttractorparts.co.nz](http://www.discounttractorparts.co.nz)**

**[sales@discounttractorparts.co.nz](mailto:sales@discounttractorparts.co.nz)**

*All prices in this listing are plus gst and subject to change*

*Published October 2020*

## Front Axle

- Stub Axle RH \$122.64
- Stub Axle LH \$122.64
- Wheel Brg Kit \$57.70
- King Pin & Thrust Kit \$25.50 per side
- Spindle Seal \$1.95
- Thrust Brg \$12.50
- King Pin Bush \$5.50
- Hub Seal \$3.95
- Wheel Stud (non orig) \$2.00
- Wheel Nut \$1.95
- Tie Rod End Front \$24.00
- Tie Rod End Rear \$24.00
- Tie Rod End Boot \$4.00
- Axle Centre Pivot Pin \$82.50
- Pivot Pin Bush \$15.00
- Radius Rod Bolt & Nut \$6.50
- Axle Clamp Bolt & Nut \$5.75
- Steering Wheel : Steel Spokes \$56.50
- Covered Spokes \$45.00
- Steering Wheel Nut \$8.50
- Chrome Washer \$13.30
- Chrome Collar \$13.50
- Front Hub \$59.50
- Cap for Hub \$9.75
- Hub Nut (Castle) \$3.20
- Tab Washer \$3.00
- Wheel Rims 6.00x16 \$88.00
- 4.00x19 \$198
- Tyre 400 x 19 tri rib \$178
- Inner Tube 400 x 19 \$38.58
- Axle Beam \$416.00



## Cooling System

- 1, 2 & 3 Radiator Hose Set \$20.25
  - No 1 Top Hose \$7.50
  - No 2 Bottom Hose \$12.20
  - No 3 By Pass Hose \$6.87
- Fan Belts 80mm Engine \$23.40
- 85mm Engine \$18.75
- Water Pump with pulley hub \$113
- Water Pump Seal \$22.50
- Water Pump Pulley \$99.00
- Water Pump Hub \$38.50
- Radiator POA
- Rad mount pad \$3.00 ea
- Radiator Cap \$18.50
- Thermostat Housing \$92.00
- Top Hose Water Outlet \$50.25
- Thermostat \$13.20
- Thermostat Gasket \$3.50
- Fan \$45.00
- Drain Tap \$8.50



## Air Intake Hoses

- No 7 Breather Elbow \$6.00
- No 4 Dash to filter \$29.00
- No 5 Filter to pipe (straight) \$5.94
- No 6 Pipe to Carb (stepped) \$5.94

All prices plus GST and subject to change

## EXHAUST SYSTEMS

Exhaust Manifold \$485.00

Stud & Nut \$6.25

Gasket - flange \$4.50

Manifold to Head \$5.40

### Upswept Exhaust exhaust kit with enamel coated muffler \$108

*Comprises* \* Elbow \$49

\* Muffler black enamel \$60.00

\* Flange Gasket \$4.50

\* Exhaust Clamp \$4.00

Muffler silver painted \$49.50

Rain cap \$14.50



### Downswept Exhaust System \$104

\* *comprises* \* Front Pipe \$56.50

\* Muffler \$46.00

\* Flange Gasket \$4.50

\* Exhaust Clamp \$4.00



## FUEL SYSTEM

Fuel Tank \$355.00

Fuel Tap Assembly, non orig \$45.00

Fuel Tap Glass Bowl \$10.50 *orig type*

Fuel Bowl Gasket \$1.85

New Carburettor 24T \$595

Carb Overhaul Repair Kit \$60.84

Carb gasket Set \$17.20

Needle and Seat \$20.25

Float \$20.00 24T Model Only



## ENGINE KITS

### IN TRACTOR KIT

80mm Engine \$615.00

85mm Engine \$586.50

87mm Upgrade Kit \$653.50

### FULL OVERHAUL KIT

80mm Engine \$660.00

85mm Engine \$635.00

87mm Upgrade Kit \$720.00

### CRANKSHAFT KIT

80mm Engine \$1106.50

85mm Engine \$1106.50

87mm Upgrade Kit \$1133.50

Crankshaft \$520.00

**In tractor kit** contains liner, pistons, rings, big end brgs, small end bushes, gaskets, oil filter element

**Full overhaul kit** contains in tractor kit plus main brgs, front and rear crank seals.

**Crankshaft kit** contains all above components plus a new crankshaft

All prices plus GST and subject to change

## Piston & Liner

### 80mm Engine > 85mm bore

Liner Kits \$132 per cy (4 reqd )

Ring Set \$43.50 per cy

### 85mm Engine

Liner Kits ea \$125

Ring Set \$20 per cy

Piston \$70 ea

Cylinder Liner \$55 ea

### 85mm > 87mm Upgrade

Liner kit \$165 per cy

Ring Set \$20.00 per cy

Piston \$70 ea

Cylinder Liner \$83.20 per cy



## CYLINDER HEAD

80mm Engine

Inlet Valves \$13.20

Exhaust Valves \$13.20

85mm Engine

Inlet Valves \$12

Exhaust Valves \$12

Valve Guides \$6

Valve Spring \$4

Head Stud \$5

Valve collet \$4 each



## GOVERNOR

Cup & Shaft \$37

Weight Assembly \$71

Crankshaft Sprocket \$75

Camshaft Sprocket \$90

Timing Chain \$31.50

Timing Cover Assembly \$225

Timing Cover Seal \$12.40

Timing Cover Gasket \$3.50

Governor shaft seal \$48.00



## Engine Block

Main brg set \$48

Con rod bearing set. \$48

*Brgs Avail Std > 0.040*

Crankshaft \$520

Crankshaft thrust washers :-

Std \$29 o/s .005" \$33 (full set )

Small end bush \$7.65 ea

Con rod lock tab 4 reqd \$3.00 ea

Oil Pump Rotor Assembly \$99

Ring Gear \$86

Flywheel Lock Tabs \$2.66 ea

Engine oil filter \$10

Cam Follower \$16.50 each



## GASKETS & SEALS

Top Set 80mm \$48

Top Set 85mm \$50

Bottom Set 80mm \$29

Bottom Set 85mm \$33

Head Gasket 80mm \$32

Head Gasket 85mm \$34

Rocker Cover Gasket \$7.25

Sump Gasket \$7.80

Liner Seal 2 reqd \$8.50 each

Rear Crankshaft Oil Seal \$10.50

Engine Oil Filter \$10.00



## GAUGES

Oil Gauge \$24

Oil Gauge *orig face* \$38.50

Amp Gauge \$19.00

Water Temp Gauge \$31.00

ALL PRICES PLUS GST AND SUBJECT TO CHANGE

## Transmission & Rear Axle

- Gear Box Seal Input Shaft \$12.00
- Gear Box Selector Fork 1st/2nd \$106.80
- Axle Seal Outer \$15.25
- Axle Seal Inner \$12.50
- Axle Bearing Lock Collar \$18.50
- Axle Bearing \$82.00
- Axle Sure Seal \$28 each \*
- \* Can be fitted to rear axle as alternate to pressing hub & bearing to change original seal*
- Outer Axle Gasket \$3.00
- Diff Side Gasket \$2.50
- Side plate gasket \$3.00
- Hy. Pump gasket \$7.00
- PTO gasket \$3.50
- Transmission gasket set \$22.00
- Axle Wheel Stud \$3.00
- Axle Wheel Nut \$1.50
- Gear lever knob Chrome \$28.80
- Gear knob roll pin \$1.50
- Locking Pin \$6.90
- Spring Gear Lever Tension \$3.90
- Gear Lever Cup \$8.95
- Locking Screw \$8.90
- Set Screw \$1.50
- Bolt Crown Wheel & Pinion \$3.60
- Nut Crown Wheel & Pinion \$2.60
- Crown wheel side bearing \$85.00
- Thrust Washer > Spider Gear \$10.50 ea
- Rear Wheel Rims \$250 each
- Disc to rim bolts \$7.50 each



## Clutch

- Pressure Plate \$265
- Clutch Plate \$72
- Release Bearing \$70
- Spigot Bearing \$7.50
- Clutch Fork Shaft Bush \$10



## BRAKES

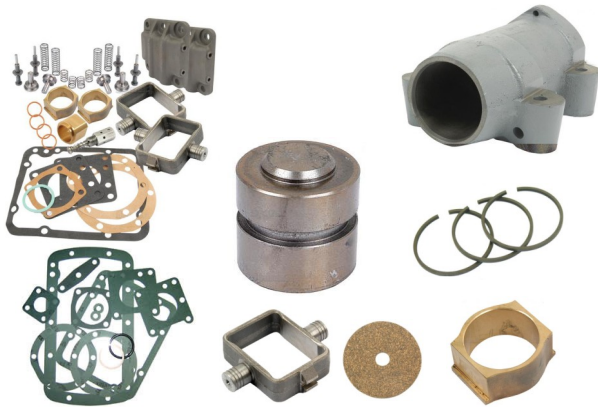
- Lining Set \$48
- Brake Drum \$121
- Brake Adjustor centraliser \$32 pr
- Brake spring -activator End \$2.50ea
- Brake spring -adjuster end \$5.00
- Brake Drum Screw \$5.50
- Shoe retainer spring kit \$12.50
- Brake Shaft Bush \$12.50 each
- Clutch shaft bush \$10.00 each



All prices plus GST and subject to change

## PTO

- PTO Shaft Assembly \$225  
*Bolt in assembly that upgrades to 1 3/8 6 spline*
- PTO Seal 38x62x22 \$19.50 (*common*)
- 30x62x7 \$27
- 42x62x10 \$12.75
- Seal Housing Gasket \$3.50
- PTO Over Run Clutches \$138
- PTO Shaft Cover \$21
- Sleeve increaser \$16
- Shaft increaser light duty \$22
- Shaft increaser heavy duty \$28



## Hydraulics

- Hydraulic Gasket Set \$29
- Minor Hy O/Haul Kit \$87.98
- Major Hy O/Haul Kit \$450
- Hydraulic Top Gasket \$7
- Pump Base Gasket \$7
- Side Plate Gasket \$3
- Lift Ram Piston \$48
- Lift Ram Piston Ring Set \$36
- Ram Cylinder Housing \$102
- Gasket Sump Plug \$3.74
- Control Valve (*fits into pump body*) \$33
- Friction pad > Hy Control Lever \$5
- Control Lever hub \$28.50

## THREE POINT LINKAGE

- Top Link \$48
- Lower Plough Arm \$125
- Eye Bolt Assembly \$7.50
- Check Chain & Clevis \$12.00
- Clevis & Pin Set \$4.50
- LHS Yoke Rod \$79.98
- Centre Anchor Bracket \$11.50
- Levelling Box \$145
- Parallel Shank (thru ext plate) \$39
- Direct to axle housing \$15
- Linkage Drawbar Cat 1 \$68
- Tow Ball \$11.70
- Stay Bar Mounting Bracket \$24
- Fixed Stay Bar \$28.50
- Adjustable Stay Bar \$33
- Swinging Drawbar Kit \$332.
- Universal check chain assembly



## Top Link Sensor

- Plunger \$55.50
- Support plate \$25.80
- Yoke \$53.700
- Spring sleeve \$41.50



All prices plus gst and subject to change

## Electrical

- Distributor \$199 *Spare parts also available*
- Rubber Dist Thimbles \$10.50 set
- Spark Plug set \$16
- Distributor Cap \$45.00
- Rotor \$10.00
- Points \$11.00
- Condenser \$12.50
- Coil \$45
- HT Lead Set \$47
- Generator \$140
- Pulley \$82.50
- Voltage Regulator 12v \$65  
6v \$70.50
- Alternator with built regulator \$205  
*Takes std Ferguson pulley and minor mounting and wiring changes*
- Wiring Harness \$79.50
- Starter Motors
  - 12v Conversion \$409
  - 12v Long Shaft \$225
  - 6v orig design \$548
- Gear Lever Starter Switch \$48  
*Bell Housing Mount*
- Starter Solenoid \$35 *non orig*
- Ignition Warning Light \$14 *non orig*
- Switch Push/Pull \$6.00
- Ignition Key Start Switch \$37.50
- Ign Switch On/Off only \$26.00
- Hella marine push button switch \$20
- Tune Up Kit \$98.00  
*Includes cap, leads, points, rotor, condenser, & 4 x spark plugs*
- Full Ignition Kit \$230  
*Includes distributor, leads, coil and plug set*



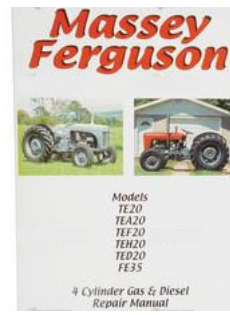
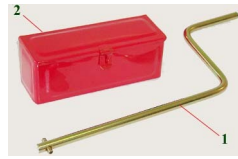
Prices plus GST and subject to change

**PANELS,**

- Bonnet Assembly POA
- Bonnet Side Panels \$370pr or \$285 ea
- T Piece \$105
- Grill Set \$220
- Metal Mudguard \$165 ea
- Metal Skin \$260 pr
- Footplate LH/RH \$79 ea
- Front Ferguson Name Badge \$31
- Bonnet to dash rubber & rivets \$34.50
- Hood Pivot Bolt \$5
- Crank Handle \$36
- Tool Box \$45

**Paint**

- Stoneliagh Grey 1L \$41.25, 4L \$110.
- Ferguson Red 1L \$47.64 4L \$128
- Original colour Old Ferg Grey 1L \$45
- 4L thinners \$48
- 4L grey undercoat \$86
- Seat Pan \$55 Deluxe Seat Pan \$67.50
- Roll Frame \$1133
- Service Manual \$86
- Operator Handbook \$42



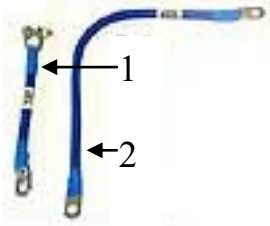
**LIGHTING**

- Headlight Switch \$18.80
- Twin pole on off switch \$6
- Headlights base mount \$48
- Headlight side mount \$36
- Lighting Kit \$110 *Contains 2 Headlights, Implement light & 3 pole switch*
- Clearance / tail lights \$16 each
- Non rust rubber body*



**BATTERY LEADS**

Lgth mm	No 1	No 2
200	\$21.25	
300	\$23.96	
450	\$29.96	\$26.33
610	\$38.12	\$29.04
910	\$41.75	\$38.12
1220	\$50.82	



Prices plus gst & subject to change



# Updated Product



**Complete Ignition Kit**  
*Contains distributor and cap*  
 Lead set, 4 x sparkplugs  
**\$235**

**Distributor & Cap \$199**



**Ignition service kit**  
 Contains plugs, points, con-  
 denser, rotor & cap  
**\$98**



**Upgrade your 80mm bore engine to 85mm or your 85mm bore engine to 87mm**

**Fuel tap with gauze filter \$45.00**



**New 24T Carburettor \$595**



**Original style oil gauge \$38.50**



**Hand Throttle Lever \$65**

**Exhaust Manifold \$485**



**Rear axle oil seal. \$28 ea**  
*Fits over axle and into brg housing, and replaces the need to press and dismantle axle hub.*



**Swing Drawbar Assembly \$330**



**Head light kit**  
 2 x headlights  
 rear work light  
 3 pole switch  
**\$110**



Prices plus gst and subject to change

## Ferguson T 20 Tractor production schedule

<b>First built</b>	1946 >	to production no	315
	1947 >	316 >	20894
	1948 >	20895 >	77772
	1949 >	77773 >	116461
	1950 >	116462 >	167836
	1951 >	167837 >	241335
	85mm engine first fitted	serial no.	172501
	First diesel engine fitted	serial no.	250001
	1952 >	241336 >	310779
	1953 >	310780 >	367998
	1954 >	367999 >	428092
	1955 >	428093 >	488578
	1956 >	488579 >	517651

### Tractor Dimensions

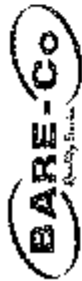
Overall length	2.921 mtrs
Wheel base	1.778 mtrs
Width	Variable
Overall height	1.320 mtrs plus upright exhaust
Weight petrol model	1110 kg dry

### Oil capacities and grades

Engine sump petrol	6.8 ltr	SAE 30
Transmission & hydraulics	22.8 ltr	SAE 40
Steering box	2.9 ltr	SAE 40
Cooling system	8.5 ltr	water / anti freeze
Fuel tank	36 ltr	

### Tune up

Firing order	1 3 4 2
Spark plug gap	25 thou inch
Ign points	15 thou inch
Tappet clearance	13 thou inch in & ex
Ign timing static	TDC
Cy. Head torque	60-65 ft lbs



Te 20 WIRING DIAGRAM

INS 17

KEY TO CABLE COLOURS	
9	WHITE
24	GREEN
25	YELLOW
57	BLACK
59	YELLOW & GREEN

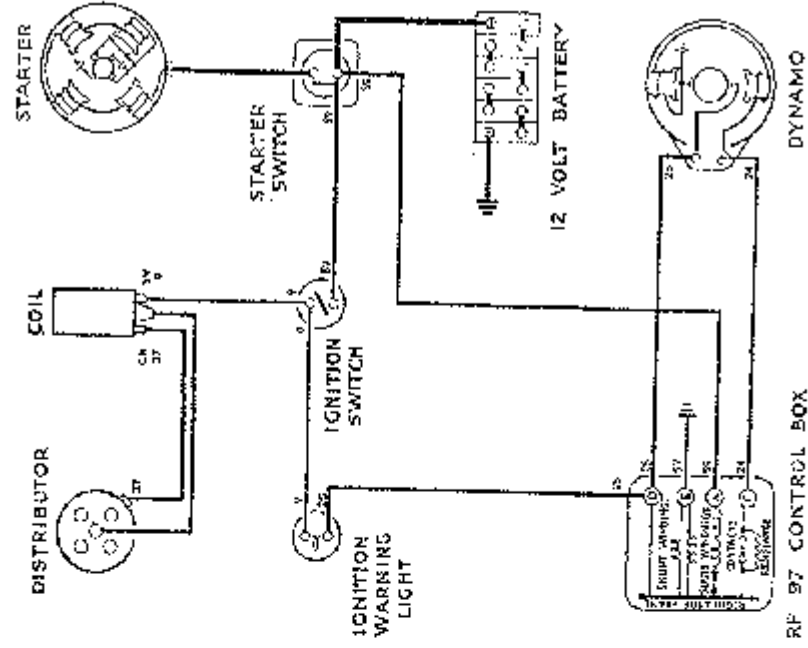


Fig 1

