

## Electrical, Instruments and Related Components

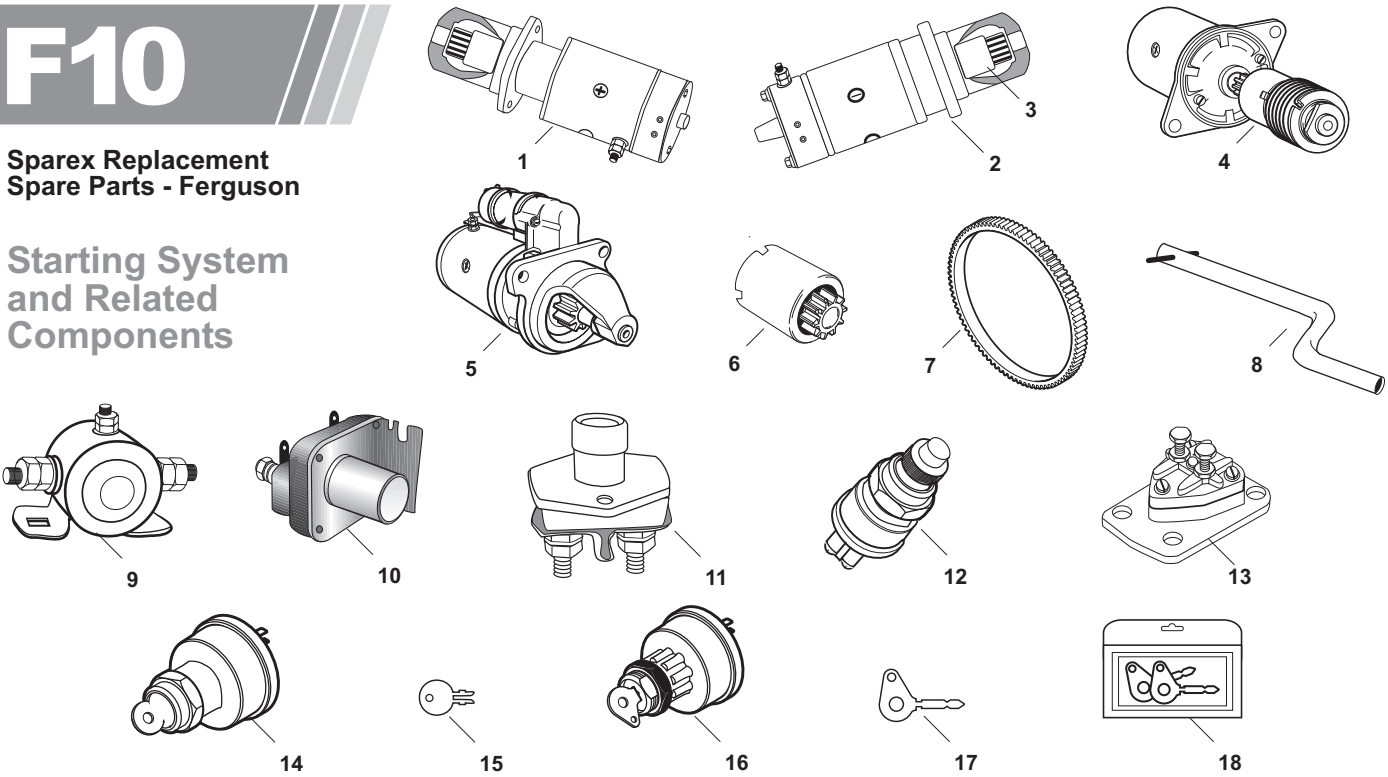
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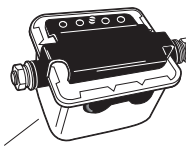
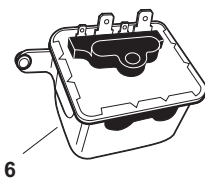
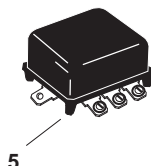
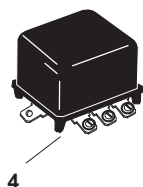
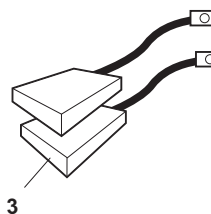
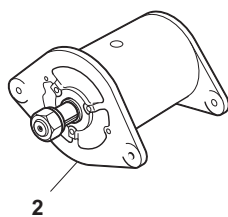
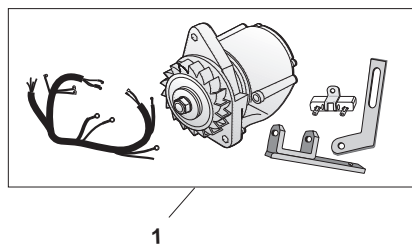
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## Sparex Replacement Spare Parts - Ferguson

### Starting System and Related Components



SPAREX No.	DESCRIPTION	EQUIVALENT	TRACTOR MODEL
1	<b>S.43248</b> Starter (6 Volt) New - Not Rebuilt	181541M91	<b>(TO20, TO30, TO35 &gt;SN 161250)</b>
2	<b>S.60354</b> Starter (6 Volt) 2 Bolt Mount, Type V139	829853M91 25519	<b>(TEA20, 80, 85mm Gas &gt;SN 200001)</b>
3	<b>S.43366</b> Starter Drive		Fits S.60354 Starter
4	<b>S.41136</b> Starter (12 Volt)	829803M91 25038	<b>(TEA20 85mm Gas, SN200001&gt;)</b>
5	<b>S.60360</b> Starter (12 Volt) Economy - Temperate Climate		<b>(TEF20 20C Diesel), (FE35, TO35 23 Diesel)</b>
5	<b>S.60353</b> Starter (12 Volt) Heavy Duty (2.7 Kw)		<b>(TEF20 20C Diesel), (FE35, TO35 23 Diesel)</b>
5	<b>S.60991</b> Starter (12 Volt) Heavy Duty (3.0 Kw)		<b>(TEF20 20C Diesel), (FE35, TO35 23 Diesel)</b>
6	<b>S.43365</b> Starter Drive (9 Teeth) Stamped: V139m M418, 25519		<b>(TE20, TEA20 w/ Lucas Starter)</b>
7	<b>S.42727</b> Ring Gear (145 Teeth)	1750034M1	<b>(TE20, TO20, TO30, TO35, F40 Continental Gas)</b>
7	<b>S.42422</b> Ring Gear (12 Volt)	825452M1	<b>(TEA20 85mm Gas), (FE35 87mm Gas)</b>
8	<b>S.13008</b> Crank - Starter	180890M1	<b>TE20, TO20, TO30</b>
9	<b>S.60822</b> Solenoid (6 Volt)	182330M91	<b>TO35</b>
10	<b>S.66323</b> Solenoid (6 Volt)		<b>(TEF20 20C Diesel)</b>
11	<b>S.60821</b> Starter Switch - Push Button	181679M1	<b>TO20, TO30</b>
12	<b>S.60824</b> Starter Switch - Push Button	189158M91	<b>TO35, F40</b>
13	<b>S.42538</b> Starter Switch - Gear Stick Operated	829960M91 76418	<b>(TEA20 80, 85mm Gas)</b>
14	<b>S.60820</b> Ignition/Light Switch w/ Key (4 Position)	180681M93	<b>TE20, TEA20, TO20, TO30, (TO35 Gas), F40</b>
15	<b>S.60835</b> Key	180292M1	<b>TE20, TEA20, TO20, TO30, (TO35 Gas), F40</b>
16	<b>S.41288</b> Starter Switch - Cold Start	883920M1	<b>(FE35 23C Diesel)</b>
17	<b>S.03990</b> Key - Starter Switch		<b>(FE35 23C Diesel)</b>
18	<b>S.04024</b> Key - Starter Switch (Pack of 2)		<b>(FE35 23C Diesel)</b>

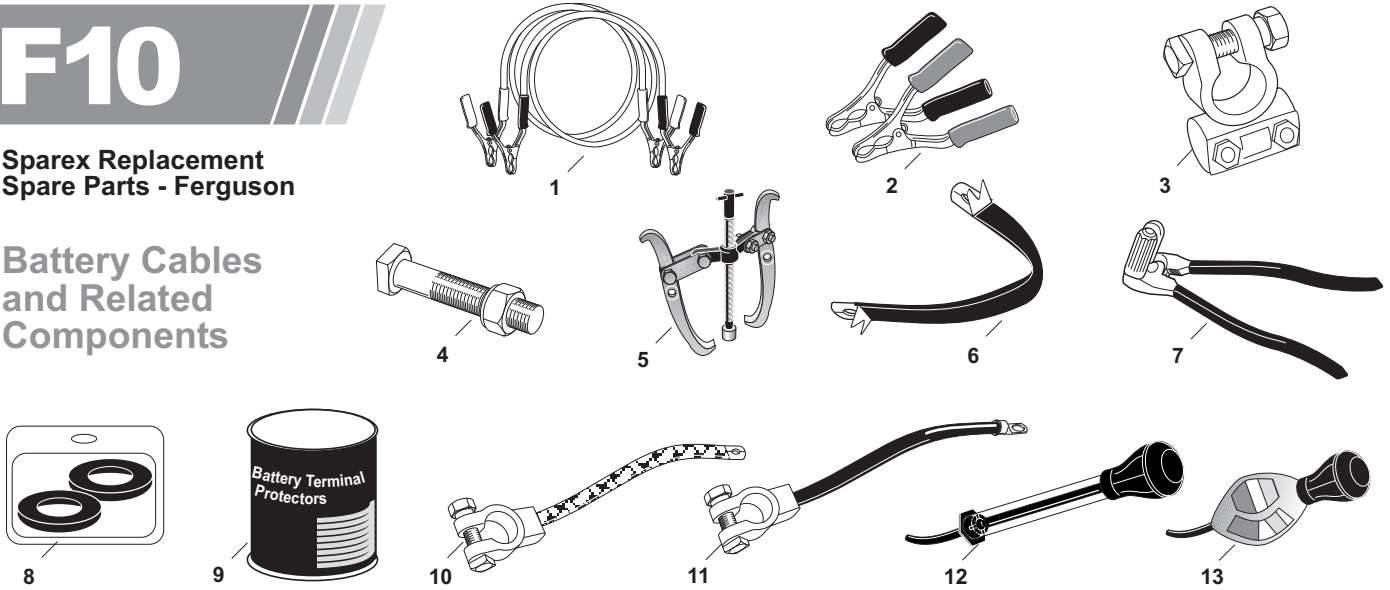


	SPAREX No.	DESCRIPTION	EQUIVALENT	TRACTOR MODEL
1	<b>S.43233</b>	Alternator Conversion Kit		( <b>TO30</b> less Tractormeter)
2	<b>S.41157</b>	Generator w/ Fan - Lucas Type	22703 22791	( <b>TEA20, TEF20, FE35, TO35</b> 85, 87mm, Gas, 20C, 23C Diesel)
3	<b>S.41160</b>	Brush Set - Generator - Lucas Type	227541	( <b>TEA20, TEF20, FE35, TO35</b> 85, 87mm, Gas, 20C, 23C Diesel)
4	<b>S.43246</b>	Voltage Regulator - 6 Volt	180142M92	<b>TO20, TO30, (TO35 Gas, &gt;SN 161250)</b>
5	<b>S.43247</b>	Voltage Regulator - 12 Volt	182548M92	( <b>TO35 Gas, SN 161251&gt;</b> ), ( <b>TO35 23C Diesel</b> ), <b>F40</b>
6	<b>S.41166</b>	Voltage Regulator - 12 Volt	NCB120	( <b>TEA20 85mm Gas</b> ), ( <b>TEF20 20C Diesel, &gt;SN 381659</b> )
7	<b>S.41167</b>	Voltage Regulator - 12 Volt	37228F	( <b>FE35 87mm Gas, &gt;SN 304622, 23C Diesel</b> )

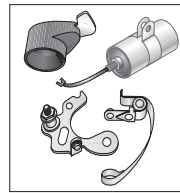
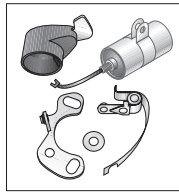
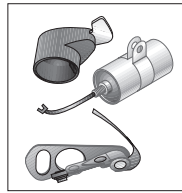
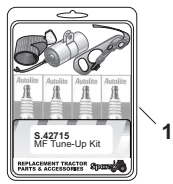
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## Sparex Replacement Spare Parts - Ferguson

### Battery Cables and Related Components



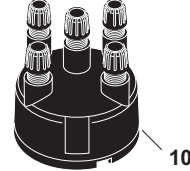
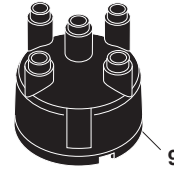
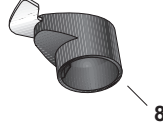
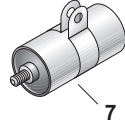
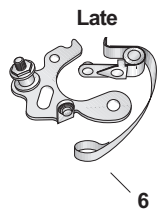
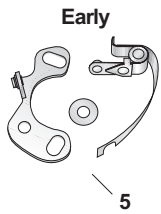
SPAREX No.	DESCRIPTION	EQUIVALENT	TRACTOR MODEL
1	<b>S.20556</b> Jumper Cable - Extra Heavy Duty - 2 Gauge Cooper Wire (20')		
2	<b>S.20557</b> Jumper Cable Clamp - Extra Heavy Duty Red/Black, Zinc Plated Steel (Set of 2)		
3	<b>S.20561</b> Battery Terminal - Heavy Duty - (Card of 10)		Fits: 6 to 2/0 gauge cables
4	<b>S.20570</b> Battery Terminal Bolt & Nut (5/16"-18 x 1 1/4")		
5	<b>S.20563</b> Battery Terminal Puller		
6	<b>S.20564</b> Battery Carry Strap for Post Terminal Batteries (14")		
7	<b>S.20565</b> Battery Terminal Spreader		
8	<b>S.20562</b> Terminal Protectors - Red/Black (Qty 2)		
9	<b>S.20594</b> Terminal Protectors - Black (Qty 100)		
10	<b>S.20545</b> Braided Ground Straps Flat - 2 Gauge (7")		Fits up to 3/8" Stud
10	<b>S.20546</b> Braided Ground Straps Flat - 2 Gauge (9")		Fits up to 3/8" Stud
10	<b>S.20547</b> Braided Ground Straps Flat - 2 Gauge (11")		Fits up to 3/8" Stud
10	<b>S.20548</b> Braided Ground Straps Flat - 2 Gauge (14")		Fits up to 3/8" Stud
10	<b>S.20549</b> Braided Ground Straps Flat - 2 Gauge (16")		Fits up to 3/8" Stud
10	<b>S.20550</b> Braided Ground Straps Flat - 2 Gauge (19")		Fits up to 3/8" Stud
10	<b>S.20551</b> Braided Ground Straps Flat - 2 Gauge (24")		Fits up to 3/8" Stud
11	<b>S.20552</b> Battery Cable Top Post - Black - 2 Gauge (10")		Fits up to 3/8" Stud
11	<b>S.20553</b> Battery Cable Top Post - Black - 2 Gauge (15")		Fits up to 3/8" Stud
11	<b>S.20554</b> Battery Cable Top Post - Black - 2 Gauge (20")		Fits up to 3/8" Stud
11	<b>S.20555</b> Battery Cable Top Post - Black - 2 Gauge (23")		Fits up to 3/8" Stud
11	<b>S.20567</b> Battery Cable Top Post - Black - 2 Gauge (27")		Fits up to 3/8" Stud
11	<b>S.20568</b> Battery Cable Top Post - Black - 2 Gauge (32")		Fits up to 3/8" Stud
11	<b>S.20569</b> Battery Cable Top Post - Black - 2 Gauge (34")		Fits up to 3/8" Stud
12	<b>S.20559</b> Temperature Correcting Battery Hydrometer - Temperature & Float Calibrated Reading		
13	<b>S.20558</b> Battery Tester - Dial indicates battery charge & specific gravity		



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**Sparex Replacement  
Spare Parts - Ferguson**

**Ignition, Tune-up  
and Related  
Components**



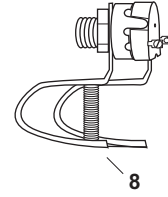
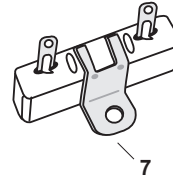
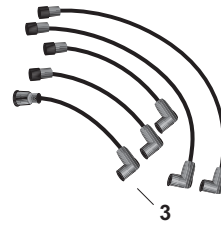
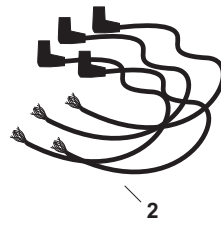
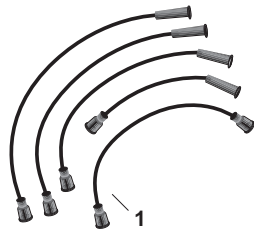
SPAREX No.	DESCRIPTION	EQUIVALENT	TRACTOR MODEL
1	<b>S.42715</b> Tune-up Kit w/ Clip Held Cap (Points, Condenser, Rotor, 4 Autolite 386 Plugs)		(TO20, TO30, TO35, F40 Z120, 129, 134 - Delco Distributor)
1	<b>S.42716</b> Tune-up Kit w/ Screw Held Cap (Points, Condenser, Rotor, 4 Autolite 386 Plugs)		(TO35 Service Replacement Engine - Delco Distributor)
1	<b>S.42733</b> Tune-up Kit - Standard Motors (Points, Condenser, Rotor, 4 Autolite 425 Plugs)		(TEA20, FE35 80, 85, 87mm Gas w/ Early Distributor) (See #5 or 6 to identify Early or Late)
1	<b>S.42734</b> Tune-up Kit - Standard Motors (Points, Condenser, Rotor, 4 Autolite 425 Plugs)		(TEA20, FE35 80, 85, 87mm Gas w/ Late Lucas Distributor) (See #5 or 6 to identify Early or Late)
2	<b>S.61558</b> Ignition Kit w/ Clip Held Cap (Points, Condenser, Rotor)	839011M91 1750498M1	(TO20, TO30, TO35, F40 Delco Distributor - Z120, 129, 134)
2	<b>S.61909</b> Ignition Kit w/ Screw Held Cap (Points, Condenser, Rotor)		(TO35 Delco Distributor - Service Replacement Eng)
3	<b>S.42772</b> Ignition Kit (Points, Condenser, Rotor)		(TE20 Z120), (TEA20, FE35 80, 85, 87mm Early Lucas Dist)
4	<b>S.42773</b> Ignition Kit (Points, Condenser, Rotor)		(TE20 Z120), (TEA20, FE35 80, 85, 87mm Late Lucas Distributor)
5	<b>S.42372</b> Point Set	407050	(TE20 Z120), (TEA20, FE35 80, 85, 87mm Early Lucas Distributor)
6	<b>S.42376</b> Point Set	423153	(TE20 Z120), (TEA20, FE35 80, 85, 87mm Late Lucas Distributor)
7	<b>S.42373</b> Condenser	407044	(TE20 Z120), (TEA20, FE35 80, 85, 87mm Lucas Distributor)
8	<b>S.42374</b> Rotor	408355	(TE20 Z120), (TEA20, FE35 80, 85, 87mm Lucas Distributor)
9	<b>S.61907</b> Distributor Cap - Clip Held - Delco		(TO20, TO30, TO35, F40 Z120, 129, 134)
9	<b>S.61908</b> Distributor Cap - Screw Held - Delco		(TO35 Service Replacement Engine)
10	<b>S.41169</b> Distributor Cap - Threaded Terminals - Lucas		(TE20 Z120), (TEA20, FE35 80, 85, 87mm)

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## Sparex Replacement Spare Parts - Ferguson

### Ignition, Tune-up and Related Components



SPAREX No.	DESCRIPTION	EQUIVALENT	TRACTOR MODEL
1	<b>S.42779</b> Spark Plug Wire Set - Custom	830681M91	(TO20, TO30, TO35, F40 Z120, 129, 134, Delco Distributor)
2	<b>S.66441</b> Spark Plug Wire Set - 4 Cyl - 90° Boot High Quality Packard 440 Cable		Universal
2	<b>S.66442</b> Spark Plug Wire Set - 4 Cyl - 90° Boot Standard Copper Cable		Universal
2	<b>S.02097</b> Spark Plug Wire Set - 4 Cyl - Straight Boot High Quality Packard 440 Cable		Universal
3	<b>S.42375</b> Spark Plug Wire Set - 4 Cyl - Threaded Terminals		(TE20, TEA20, FE35 80, 85, 87mm - Lucas Distributor)
4	<b>S.42377</b> Ignition Coil - 12 Volt w/ Threaded Top Terminal	1015128M91 1038817M91	(TEA20, FE35 Standard Motors 85mm)
5	<b>S.61548</b> Coil - 6 Volt - Use w/ External Resistor	1024481M91	TO20, TO30, TO35
5	<b>S.61016</b> Coil - 12 Volt - Use w/ External Resistor		Universal
5	<b>S.67080</b> Coil - 12 Volt - Use w/ Internal Resistor		Universal
6	<b>S.61969</b> Spark Plug - Autolite 386 - 18mm (1/2" Reach)		(TE20, TO20, TO30, TO35, F40 Z120, 129, 134)
6	<b>S.61934</b> Spark Plug - Autolite 425 - 14mm (1/2" Reach)		(TEA20, FE35 80, 85, 87mm)
7	<b>S.43243</b> Ballist Resistor (.50 -.60 ohms)		Universal
8	<b>S.52671</b> Voltage Reducer - 12 Volt to 6 Volt		Universal

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## Sparex Replacement Spare Parts - Ferguson

### Gauges, Instruments and Related Components



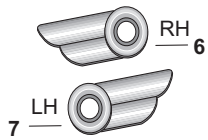
SPAREX No.	DESCRIPTION	EQUIVALENT	TRACTOR MODEL
1	S.42754 Tractormeter	193966M91 193967M91	(TO35 Z134), F40
2	S.41069 Tractormeter	1850093M93	(TO35 23C), (FE35 87mm Gas), (FE35 23C Diesel >SN 307657)
3	S.41091 Cable - Tractormeter	829487M91	(TO35 23C), (FE35 87mm Gas), (FE35 23C Diesel >SN 307657)
4	S.42905 Drive Assembly - Tractormeter		(TO20, TO30, TO35, F40 Z120, 129, 134)
5	S.42784 Oil Pressure Gauge - Chrome (3/8-24 UNF Female Thread)	180100M92	(TE20, TO20, TO30, TO35, F40 Z120, 129, 134)
6	S.61466 Oil Pressure Gauge (1/8" NPT) - Chrome w/ Male Fitting		TE20, TEA20, TO20, TO30
7	S.04342 Oil Pressure Gauge - Chrome	506902M92 1853097M91 3381907M1	TEF20, TO35, FE35
8	S.61171 Oil Pressure Gauge (40 PSI) Red/Green	506902M92	
9	S.61063 Oil Gauge - 50Lb (2" Dia) - Black		
10	S.60758 Oil Gauge - 80Lb (2" Dia) - Black		
11	S.42392 Grommet - Ammeter		Mounts S.04340 Ammeter to 2" Hole
12	S.04340 Ammeter (1 5/8" Dia) - Black Rubber Mounting Grommet S.42392 must be used to fit 2" Mounting Hole	36047F	TEF20, FE35
13	S.60759 Ammeter - 30 Amp (2" Dia) - Chrome		
14	S.61064 Ammeter - 50 Amp (2" Dia) - Chrome		
15	S.04341 Water Temperature Gauge - Chrome (74" Cable)	180727M91 881396M91	(FE35 87mm), F40
15	S.43045 Water Temperature Gauge - Chrome (46" Cable) Does not say "England"	180727M93	(TO35 w/ Continental Engine)
16	S.52672 Analog Hourmeter ( 2" ) - Black 12-24 Volt - Black Ring		Universal
17	S.52673 LCD Hourmeter (2") - Black 12-24 Volt - Black Ring		Universal

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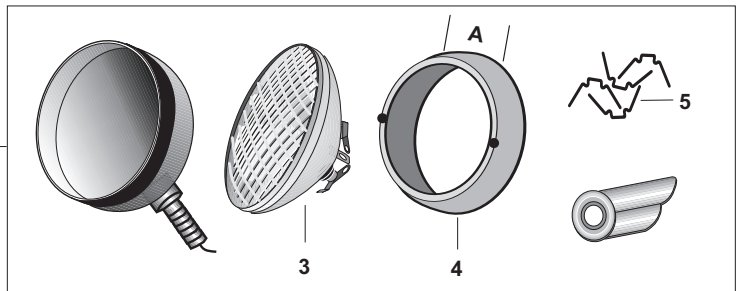
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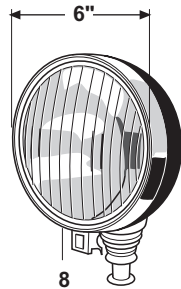
### Headlights, Lighting and Related Components



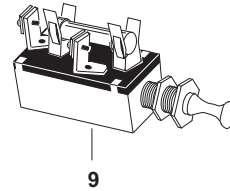
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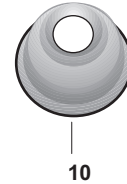
This kit and components are exactly like the original.



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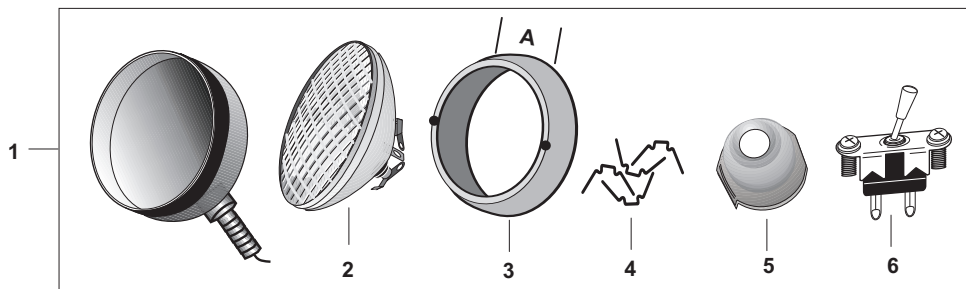
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SPAREX No.	DESCRIPTION	EQUIVALENT	TRACTOR MODEL
1	<b>S.61633</b> Headlight (6") Steel Body w/ Rubber Bezel, Non-sealed Beam - Gray - 6 Volt		<b>Universal</b>
1	<b>S.61635</b> Headlight (6") Steel Body w/ Rubber Bezel, Non-sealed Beam - Black Primer - 6 Volt		<b>Universal</b>
1	<b>S.61634</b> Headlight (6") Steel Body w/ Rubber Bezel, Non-sealed Beam - Gray - 12 Volt		<b>Universal</b>
1	<b>S.61636</b> Headlight (6") Steel Body w/ Rubber Bezel, Non-sealed Beam - Black Primer - 12 Volt		<b>Universal</b>
2	<b>S.43370</b> Headlight Kit - LH (6") Primer - 6 Volt	231495M91	<i>Available April, 2006 (Assembly Required)</i>
2	<b>S.43371</b> Headlight Kit - LH (6") Primer - 12 Volt	186141M91 186142M91	<i>Available April, 2006 (Assembly Required)</i>
2	<b>S.43372</b> Headlight Kit - LH (6") Chrome Ring - 6 Volt -	231495M91	<i>Available April, 2006 (Assembly Required)</i>
2	<b>S.43374</b> Headlight Kit - LH (6") Chrome Ring - 12 Volt -	186141M91 186142M91	<i>Available April, 2006 (Assembly Required)</i>
2	<b>S.22342</b> Headlight Kit - RH (6") Primer - 6 Volt	231495M91	<i>Available April, 2006 (Assembly Required)</i>
2	<b>S.22343</b> Headlight Kit - RH (6") Primer - 12 Volt	186141M91 186142M91	<i>Available April, 2006 (Assembly Required)</i>
2	<b>S.22340</b> Headlight Kit - RH (6") Chrome Ring - 6 Volt -	231495M91	<i>Available April, 2006 (Assembly Required)</i>
2	<b>S.22341</b> Headlight Kit - RH (6") Chrome Ring - 12 Volt -	186141M91 186142M91	<i>Available April, 2006 (Assembly Required)</i>
3	<b>S.66415</b> Sealed Beam Bulbs (5 3/4") 6 Volt (4019 Bulb)	1002802M91	<b>(TE20, TEA20, TO20, TO30, TO35 &gt;SN 161250)</b>
3	<b>S.66416</b> Sealed Beam Bulbs (5 3/4") 12 Volt (4419 Bulb)	1752866M91	<b>(TO35 SN 161251&gt;), F40</b>
4	<b>S.43074</b> Headlight/Worklight Ring w/ Ground Wire (A=1 1/16" Thick) Use 5 3/4" Bulb - Chrome	1752311M91	<b>TE20, TEA20, TO20, TO30, TO35, F40</b>
4	<b>S.43057</b> Headlight/Worklight Ring w/ Ground Wire (A=1 1/16" Thick) Use 5 3/4" Bulb - Grey Primer	1752311M91	<b>TE20, TEA20, TO20, TO30, TO35, F40</b>
5	<b>S.43070</b> Clips - Bulb Retaining - Pack of 4	1750642M1	<b>TE20, TEA20, TO20, TO30, TO35, F40</b>
6	<b>S.66561</b> Winged Headlight Bracket - RH	510438M1	<b>TE20, TEA20, TO20, TO30, TO35, F40</b>
7	<b>S.66562</b> Winged Headlight Bracket - LH	510439M1	<b>TE20, TEA20, TO20, TO30, TO35, F40</b>
8	<b>S.61925</b> Headlamp - European Style - 12 Volt - Red w/ Bulb - Hi-Low Beam w/ Parking Light		<b>FE35</b>
9	<b>S.60828</b> Switch - Headlight (Fused)		<b>Universal</b>
10	<b>S.66599</b> Steel Headlight Socket - Primer - Restoration Quality		<b>TE20, TEA20, TO20, TO30, TO35, F40</b>

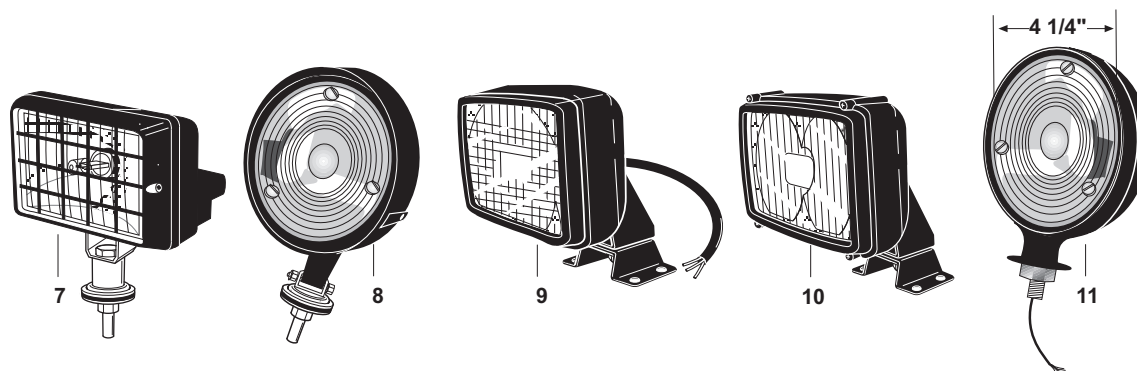
# F10

Sparex Replacement  
Spare Parts - Ferguson

Worklights  
and Related  
Components



This kit and components are exactly like the original.



SPAREX No.	DESCRIPTION	EQUIVALENT	TRACTOR MODEL
1	<b>S.43375</b> Worklight Kit (6") Primer - 6 Volt - Assembly Required	1750692M91	Available April, 2006
1	<b>S.43376</b> Worklight Kit (6") Primer - 12 Volt - Assembly Required	182926M91	Available April, 2006
1	<b>S.43377</b> Worklight Kit (6") Chrome Ring - 6 Volt - Assembly Required	1750692M91	Available April, 2006
1	<b>S.43378</b> Worklight Kit (6") Chrome Ring - 12 Volt - Assembly Required	182926M91	Available April, 2006
2	<b>S.66415</b> Sealed Beam Bulbs (5 3/4") 6 Volt (4019 Bulb)	1002802M91	(TE20, TEA20, TO20, TO30, TO35 >SN 161250)
2	<b>S.66416</b> Sealed Beam Bulbs (5 3/4") 12 Volt (4419 Bulb)	1752866M91	(TO35 SN 161251>), F40
3	<b>S.43074</b> Headlight/Worklight Ring w/ Ground Wire (A=1 1/16" Thick) Use 5 3/4" Bulb - Chrome	1752311M91	TE20, TEA20, TO20, TO30, TO35, F40
3	<b>S.43057</b> Headlight/Worklight Ring w/ Ground Wire (A=1 1/16" Thick) Use 5 3/4" Bulb - Grey Primer	1752311M91	TE20, TEA20, TO20, TO30, TO35, F40
4	<b>S.43070</b> Clips - Bulb Retaining (Pack of 4)	1750642M1	TE20, TEA20, TO20, TO30, TO35, F40
5	<b>S.67089</b> Socket - Worklight Mount - Steel - Restoration Quality	1750677M1	TO20, TO30, TO35, F40
6	<b>S.66850</b> Switch - Worklight	1750656M1	TE20, TEA20, TO20, TO30, TO35, F40
7	<b>S.08509</b> Rectangular Work Lamp w/ On/Off Switch - Plastic 12 Volt - Halogen H3 Bulb - Universal Mount (6 3/4" x 4")		TE20, TEA20, TO20, TO30, TO35, F40
8	<b>S.02113</b> Round Work Lamp - On/Off Switch - Metal 12 Volt - Halogen Bulb -Universal Mount (4 1/2")		Universal
9	<b>S.51750</b> Rectangular Work Lamp - 4 Bolt Mount (1x 55w Halogen Bulb) Rotates (4 1/4" x 3 3/4")		Universal
10	<b>S.51753</b> Twin Beam Work Lamp w/ 4 Bolt Mount - (2x 55w Halogen Bulb) Rotates (6 1/8" x 3 3/4")		Universal
11	<b>S.61357</b> Universal Amber Light - 12 Volt - Both lenses Amber Does NOT include Flasher (3/8" Dia x 5/8" Long)		Universal