



## Mooney Retrofit Kits

RETROFIT	PART NUMBER	DESCRIPTION	AIRCRAFT EFFECTIVITY	NOTES
Electric Fuel Pump	M20227-001	Replaces Dukes 1499-00-19 pump with Weldon 10054A pump. Includes hardware and fittings.	M20K 25-0001 - 25-0711	
Fuel Selector	000001-501	Replaces Anderson Brass Fuel Selector	M20J 24-0084, 24-0378 - 24-1176	
Oil Separator Kit	000002-501	Places oil separator in crankcase breather line and returns oil to crankcase	M20K 25-0001 - 25-0613	
Vertically Adjusting Seat	140215-904	Changes front seat bottom to vertically adjusting seat. Frame only, use old cushion and cover	M20J 24-1214 & on, M20K 25-0613 & on	
Arm Rest Kit	140295-501	Installs center armrest	M20J 24-3000 - 24-3119, M20K 25-1000 thru 25-1216	
Nose Wheel Dust Cover	540022-9501	Dust covers for nose wheel. Includes both covers and screws	All aircraft	
Carb Air Box Repair Kit	600063-900	Parts to repair 600063-000 carb air box	All aircraft equipped with the 600063-000 carb air box	
Engine Shock Mount Kit	600376-900	Engine shock mounts	M20K 25-0001 & on	
Gascolator Seal Kit	610015-900	Seals for the gascolator	All aircraft equipped with the Airight and Christopher gascolators	
Gascolator Kit	610015-903	Replaces Dukes fuel pump with Weldon A1540-11	M20K 25-0001 - 25-0883	
Propeller De-Ice	690000-501	BF Goodrich prop deice system	M20J 24-1038 - 24-2999	call for availability
Propeller De-Ice	690000-503	BF Goodrich prop deice system	M20K 25-0001 - 25-0446	
Propeller De-Ice	690000-505	BF Goodrich prop deice system	M20K 25-0447 - 25-0889	call for availability
Propeller De-Ice	690001-501	BF Goodrich prop deice system	M20K 25-1000 - 25-1223	call for availability
Propeller De-Ice	690001-503	BF Goodrich prop deice system	M20J 24-3000 - 24-3153	call for availability
Propeller De-Ice	690003-501	BF Goodrich prop deice system	M20M 27-0001 & on	call for availability
Propeller De-Ice	690004-501	BF Goodrich prop deice system	M20J 24-3154 & on	call for availability
Rudder & Brake Pedal Extension	720115-501	Extends rudder pedal 1.5 inches closer to pilot and includes new pedal - Order 2 pilot side	All aircraft	
Rudder & Brake Pedal Extension	720115-503	Extends rudder pedal 3 inches closer to pilot and includes new pedal - Order 2 for pilot side	All aircraft	
Rudder & Brake Pedal Extension	720115-504	Extends rudder pedal 3 inches closer on co-pilot side and includes new pedal. Order 2 for co-pilot side	All aircraft	
Rudder & Brake Pedal Extension	720115-9501	Same as 720115-501, but does not include new pedal. Order 2 for pilot side.	All aircraft	
Rudder & Brake Pedal Extension	720115-9503	Same as 720115-503, but does not include new pedal. Order 2 for pilot side.	All aircraft	
Rudder & Brake Pedal Extension	720115-9504	Same as 720115-504, but does not include new pedal. Order 2 for co-pilot side	All aircraft	
Panel Light Control Box	800275-509	Control has updated transistor and rheostat	1969 - 1974 M20C, M20E, M20F	
Heated Pitot System	820014-000	Retrofit of heated pitot which includes element, stand, and switch	M20C,D,E,F,G without pitot heat	
Standby Vacuum System	860060-503	Standby vacuum system driven by electric motor with separate vacuum gauge	M20J 24-0001 - 24-1685, M20K 25-0001 - 25-0889	
Standby Vacuum System	860060-505	Standby vacuum system driven by electric motor with separate vacuum gauge	M20J 24-3000 - 24-3153, M20K 25-1000 - 25-1224	call for availability
Oxygen System	870024-503	Retrofit of 76 cubic feet oxygen system with 4 outlets	M20J & K	call for availability
Oxygen System	870024-505	Retrofit of 115 cubic feet oxygen system with 4 outlets	M20J & K	call for availability
Oxygen System	870024-905	Convert to 76 cubic feet oxygen system to 115 cubic feet with new bottle and bracket	M20J & K	
Oxygen Filler Hose	870025-503	12 ft. hose connects oxygen filler to aviation oxygen bottles for recharging	All oxygen equipped aircraft	
Ground Support Aux Cable	880042-501	Cable connects to aux power receptacle to power source	All aux power equipped aircraft	
Electric Flap Kit	940001-501	Hydraulic flaps converted to electric flaps	1962-1968 M20C, M20D, M20E	
Electric Flap Kit	940001-503	Hydraulic flaps converted to electric flaps	1967-1968 M20F, M20G	
Disengage Kit	940007-503	All aircraft that installed 940007-501 kit with old crank style emergency gear extension	See description block	

Avionics Product Gear Actuator	940007-505	Replaces ITT and Dukes gear actuators with the Avionics Products actuator <b>RETROFIT KITS</b>	M20B,C,D,E,F,J,K		
Compass Mounting Kit	940010-801	Installs new style compass mount on one piece windshield aircraft	M20C 680001 - 20-1172, M20E 690001 - 21-1180, M20F 680001 - 22-1285, M20G 680001 - 700006		
Panel Light Control	940012-501	Replaces 800261 control and 914024-000 rheostat with new control panel lighting	M20C 680001 - 680198, M20F 680001 - 680206, M20G 680001 - 680164		
Panel Light Control	940013-501	New single control box with new transistor and rheostat	M20C 20-1147 - 20-1172, M20E 21-1161 - 21-1180, M20F 22-1179 - 22-1272		
Panel Light Control	940013-503	New single control box with new transistor and rheostat	M20C 20-1173 - 20-1185, M20F 22-1273- 22-1305	call for availability	
Panel Light Control	940013-505	New single control box with new transistor and rheostat	M20C 20-1186 - 20-1258, M20F 22-1246, 22-1306 - 22-1439	call for availability	
Panel Light Control	940013-507	New single control box with new transistor and rheostat	M20J 24-0001 - 24-0083, M20J 24-0085 - 24-0377	call for availability	
Panel Light Control	940013-509	New single control box with new transistor and rheostat	M20J 24-0084, 24-0378 - 24-0900, M20K 25-0002 - 25-0246		
Panel Light Control	940013-511	New single control box with new transistor and rheostat	M20J 24-0901 - 24-1213, M20K 25-0001, 25-0247 - 25-0612		
Propeller Governor	940015-801	Replacement of Hartzell Propeller governor models D-1-4, D-1-6, and H-1 with Edo-Aire governor model 34-828-014.	M20C 1852, 1940 - 20-1258, M20D All with Hartzell Propeller model HC-C2YK-1/7666-2, M20E 101 - 21-1180, M20F 660001 - 22-1439, M20G 680001 - 700006	call for availability	
Airspeed Safety Switch	940016-501	Replaces Dukes airspeed switch with new style switch which has provision for elapsed flight time indicator connections	M20C 680001 - 680198, M20F 660002 - 680206		
Airspeed Safety Switch	940016-503	Replaces gear squat switch with airspeed safety switch which has provisions for elapsed flight time indicator connections	M20C 690001C - 700054C, M20E 690001E - 700034E, M20F 690001F - 700037F, M20G 690001G - 700006G		
Airspeed Safety Switch	940016-505	Replaces gear squat switch with airspeed safety switch which has provisions for elapsed flight time indicator connections	M20C 700055C - 700091C, M20C 20-0001 - 20-0036, M20E 700035E - 700061E, M20E 21-0001 - 21-0049, M20F 700038F - 700072F, M20F 22-0001 - 22-0064		
Airspeed Safety Switch	940016-509	Replaces gear squat switch with airspeed safety switch which has provisions for elapsed flight time indicator connections	M20C 20-1147 - 20-1185, M20E 21-1161 - 21-1180, M20F 22-1179 - 22-1305		
Airspeed Safety Switch	940016-511	Replaces gear squat switch with airspeed safety switch which has provisions for elapsed flight time indicator connections	M20C 20-1186 - 20-1233, M20F 22-1246, 22-1306 - 22-1439 M20J 24-0001 - 24-0237		
Airspeed Safety Switch	940016-513	Replaces Whittman airspeed switch and has provisions for elapsed flight time indicator connections	M20C 20-1234 - 20-1258, M20J 24-0238 - 24-0377		
Airspeed Safety Switch	940016-515	Replaces Whittman airspeed switch and has provisions for elapsed flight time indicator connections	M20J 24-0084, 24-0378 - 24-1037, M20K 25-0002 - 25-0446		
Fuel Boost Pump	940018-501	Replaces Dukes 1499-00-21 with Weldon 8164A pump. Includes lines and fittings	M20C 1852, 1940 - 20-1258, M20D 101 - 260, M20G 680001 - 700006		
Fuel Boost Pump	940018-503	Replaces Dukes 1499-00-19 pump with Weldon 8163A pump. Includes lines and fittings	M20E 101 - 21-1180, M20F 660002 - 22-1439, M20J 24-0001 - 24-0590, M20J 24-0641 - 24-1028, M20J 24-1032 - 24-1049		
Alternator Conversion	940019-501	Converts generator system to alternator. Includes baffles, wires, regulator and misc hardware. Does not include alternator, alternator bracket and ring gear.	M20B,C,D & G with generator		
Alternator Conversion	940019-503	Converts generator system to alternator. Includes baffles, wires, regulator and misc hardware. Does not include alternator, alternator bracket and ring gear.	M20E with generator	call for availability	
Alternator Conversion	940019-505	Converts generator system to alternator. Includes baffles, wires, regulator and misc hardware. Does not include alternator, alternator bracket and ring gear.	M20F with generator	call for availability	
Control Wheels	940021-501	New style control wheels, shafts and hardware. Has provisions for switches	M20 1001 - 1200, M20A 1201 - 1700, M20B 1701 - 1851, 1853 - 1923, M20C 1852, 1940 - 2741, 2743 - 2806, M20D 101 - 260 M20E 101 - 399, 401 -		
Control Wheels	940021-503	With electric P.C. cut off valve, new style control wheels and shafts. Has provisions for switches.	M20C 2742, 2807 - 3342, 3344 - 3445, 3447 - 3460, M20E 400, 470 - 1217, 1219 - 1221, 1223 - 1308, M20F 660002 - 660004		
Control Wheels	940021-505	With electric P.C. cut off valve, new style control wheels and shafts. Has provisions for switches.	M20C 3343, 3446 - 20-0009, 20-0011 - 20-0046, M20E 1218, 1222, 1309 - 21-0037, 21-0039 - 21-0060, M20F 670001 - 22-0078, M20G 680001 - 700006		
Control Wheels	940021-507	New style control wheels, shafts and hardware. Has provisions for switches	M20C 20-0010, 20-1147 - 20-1185, M20E 21-0038, 21-1161 - 21-1180, M20F 22-1179 - 22-1245, 22-1247 - 22-1305		
One Piece Windshield	940022-501	Installs one piece windshield and new compass mounting	All aircraft with two piece windshield	call for availability	
Vertically Adjusting Seat	940023-501	Pilot seat - Un-upholstered	M20J 24-0001 & on, M20K 25-0001 & on, M20L 26-0001 & on, M20M 27-0001 & on, M20R 29-0001 & on, M20S 30-0001 & on, M20TN 31-0001 & on		
Vertically Adjusting Seat	940023-503	Co-Pilot seat - Un-upholstered	M20J 24-0001 & on, M20K 25-0001 & on, M20L 26-0001 & on, M20M 27-0001 & on, M20R 29-0001 & on, M20S 30-0001 & on, M20TN 31-0001 & on		
Lumbar Support	940023-9501	Pilot seat lumbar support assy	M20J 24-0001 & on, M20K 25-0001 & on, M20L 26-0001 & on, M20M 27-0001 & on, M20R 29-0001 & on, M20S 30-0001 & on		
Muffler & Heater System	940028-501	Modifies cabin heating system for greater capacity when replacing exhaust system with Mooney exhaust system	M20A All, M20B All, M20C All - 3466, M20D All	call for availability	
Cluster Gauge	940030-501	Replaces single unit Garwin gauge with Sigma-Tek individual replacement gauge cluster	M20C 1852, 1940 - 2622	call for availability	

Cluster Gauge	940030-503	Replaces single unit Garwin gauge with Sigma-Tek individual replacement gauge cluster <b>RETROFIT KITS</b>	M20C 2623 - 2656, M20D 201	call for availability	
Cluster Gauge	940030-505	Replaces single unit Garwin gauge with Sigma-Tek individual replacement gauge cluster	M20E 101 - 230	call for availability	
Cluster Gauge	940030-507	Replaces single unit Garwin gauge with Sigma-Tek individual replacement gauge cluster	M20C 2657 - 3184, M20D 202 - 259		
Cluster Gauge	940030-509	Replaces single unit Garwin gauge with Sigma-Tek individual replacement gauge cluster	M20E 231 - 831	call for availability	
Delco-Remy Regulator Replacement	940035-501	Replacement voltage regulator for all aircraft with generators	M20A,B,C,D,E,F,& G		
Fuel Cap	940036-501	Installs new fuel cap with 60mm indexing	M20C 2623 - 21-1258, M20D 201 - 260, M20E All, M20F All, M20G All, M20J 24-0001 - 24-1467, M20K 25-0001 - 25-0837	call for availability	
Fuel Cap	940036-503	Installs new locking fuel cap with 60mm indexing	M20C 2623 - 21-1258, M20D 201 - 260, M20E All, M20F All, M20G All, M20J 24-0001 - 24-1467, M20K 25-0001 - 25-0837	call for availability	
Wing Fuel Gauge	940037-501	Installs visual fuel gauges in fuel tank panel	M20C 2623 & on, M20D 201 & on, M20E All, M20F All, M20G All		
Static Discharge	940038-501	Installs static wicks on all control surfaces	All aircraft not equipped with static wicks		
Radio Blower Retrofit	940039-503	Installs blower motor and ducting to cool radios	M20J 24-0001 - 24-2999, M20K 25-0001 - 25-0999		
Radio Blower Retrofit	940039-505	Installs blower motor and ducting to cool radios	M20J 24-3000 & on, M20K 25-1000 & on		
Radio Blower Retrofit	940039-507	Installs blower motor and ducting to cool radios	M20L 26-0001 & on, M20M 27-0001 & on	call for availability	
Tach Cable	940040-501	Replaces 28 inch cable	Any model with this length of cable	call for availability	
Tach Cable	940040-503	Replaces 35 inch cable	Any model with this length of cable		
Tach Cable	940040-505	Replaces 40 inch cable	Any model with this length of cable	call for availability	
Tach Cable	940040-507	Replaces 43 inch cable	Any model with this length of cable		
Fuel/Oil Pressure Gauge Conversion	940041-501	Replacements for Rochester oil and fuel pressure transducers	M20J	call for availability	
Fuel/Oil Pressure Gauge Conversion	940041-503	Replacements for Rochester oil and fuel pressure transducers	M20K	call for availability	
Nose Gear Modification	940042-503	Installs new nose gear truss with towing limit stops	M20C 690001 - 20-1258, M20E 690001 - 21-1180, M20F 690001 - 22-1438, M20G 690001 - 700006, M20J 24-0001 - 24-1463, M20K 25-0001 - 25-0823		
Nose Gear Modification	940042-505	Installs new nose gear truss with towing limit stops	M20 All, M20A All, M20B All, M20D All, M20C 1852, 1940 - 680198, M20E 101 - 670062, M20F 660003 - 680206, M20G 680001 - 680164		
Visual Fuel Quantity Indicator	940043-501	Installs visual fuel gauge in fuel tank panel	M20F All, M20J 24-0001 - 24-1037		
Visual Fuel Quantity Indicator	940043-503	Installs visual fuel gauge in fuel tank panel	M20K 25-0001 - 25-0446		
Shoulder Harness	940044-501	Shoulder harness with lap belts for both front seats	M20B,C,D,E,F,G - All, M20J 24-0001 - 24-0763, M20K 25-0001 - 25-0007		
Engine Replacement Print	940045-000	Converts TSIO360GB engine to the TSIO360LB engine. Reference Service Bulletin M20-228	M20K 25-0001 - 25-0780	call for availability	
Gear Actuator Motor Replacement	940048-501	Replacement electric motor for the ITT motor p/n 1251328, Plessey motor p/n 5061303, and Avionics Products motor p/n MO661137A.	See description block		
80 Amp Alternator	940049-503	Replaces 70 amp alternator with 80 amp alternator (low rpm output)	M20K 25-0001 - 25-0889		
Shock Absorber Removal	940052-000	Authorization print to remove shock absorber	M20B,C,D,E,F,G,J,K		
Recognition Lights	940054-501	Installs recognition lights in wingtip	M20J 24-1038 - 24-1417, M20K 25-0001, 25-0612 - 25-0738		
Recognition Lights	940054-503	Installs recognition lights in wingtip	M20J 24-1418 - 24-2999, M20K 25-0613 - 25-0737, M20K 25-0739 - 25-0999		
Recognition Lights	940054-505	Installs recognition lights in wingtip	M20J 24-3000 & on, M20K 25-1000 & on, M20L 26-0001 & on, M20M 27-0001 & on		
Winterization Kit	940056-501	Door blocks oil cooler for cold weather flying	M20K 25-1000 & on		
Gascolator Gasket	940057-001	Replaces H&E #1526-2 and Dukes #2331-39 gasket	M20B,C,D,E,F,G,J,K		
Vernier Throttle	940058-501	Replaces friction control with vernier control	M20K 25-1001 - 25-1066		
Fuel Pressure Transducer	940059-501	Replaces transducer with new style	M20J 24-3000 - 24-3021		
Fuel Pressure Transducer	940059-503	Replaces transducer with new style	M20J 24-1418 - 24-1613		
Oil Pressure Transducer	940059-505	Replaces transducer with new style	M20J 24-3000 - 24-302, M20K 25-1000 - 25-1101		
Oil Pressure Transducer	940059-507	Replaces transducer with new style	M20J 24-1416 - 24-1613, M20K 25-0781 - 25-0999		
Oil Pressure Transducer	940059-509	Replaces transducer with new style - alternate for 940059-507	M20J 24-1416 - 24-1613, M20K 25-0781 - 25-0999	call for availability	

Tail Skid and Tie Down	<b>940060-501</b>	Installs new style tail skid and tie down	M20A,B,C,D,E,F,G		
<b>RETROFIT KITS</b>					
External Power Solenoid	<b>940061-501</b>	Installs improved solenoid	M20C 670001 & on, M20G 670001 & on		
Vacuum Pump Exhaust	<b>940064-501</b>	Vents vacuum exhaust overboard to increase vacuum pump life	M20J 24-0001 & on, M20K 25-0001 & on		
Stall Warning Switch	<b>940065-505</b>	Replaces stall switch with new style	M20B,C,D,E,F,G,J,K,L,M,R		
Dual Puck Brakes	<b>940067-501</b>	Aircraft with dual brakes	M20M 27-0001 - 27-0107		
Dual Puck Brakes	<b>940067-503</b>	Aircraft with pilot brakes only	M20M 27-0001 - 27-0107		
Throttle Control	<b>940068-001</b>	Throttle control cable	M20 1001 - 1200, M20A 1201 - 1700, M20B 1701 - 1939		
Power Relay	<b>940069-501</b>	New style power relay	M20B,C,D,E,F,G, M20J 24-0001 - 24-2999, M20K 25-0001 - 25-0999		
Power Relay	<b>940069-503</b>	New style power relay	M20J 24-3000 & on, M20K 25-1000 & on, M20M,R		
Cowl Flap Actuator	<b>940070-501</b>	Replaces cowl flap actuator with improved actuator	M20M		
Cowl Flap Actuator	<b>940070-503</b>	Replaces 880050-501 actuator with new style actuator	M20J,K		
Gross Weight Increase	<b>SL92-1-1</b>	Reference SL 92-1	M20J 24-1686 - 24-2999		
Gross Weight Increase	<b>SL92-1-2</b>	Reference SL 92-1	M20J 24-3000 - 24-3056		
Gross Weight Increase	<b>SL92-1-3</b>	Reference SL 92-1	M20J 24-3000 - 24-3078		
Gross Weight Increase	<b>SL92-1-4</b>	Reference SL 92-1	M20J 24-3079 - 24-3153		
Gross Weight Increase	<b>SL92-1-5</b>	Reference SL 92-1	M20J 24-3154 - 24-3200, M20J 24-3202 - 24-3217		
Cabin Door Pin	<b>940072-501</b>	Installs new style cabin door pin on all models that don't have new style pin for better closing	All Models		
Fuel Selector	<b>940073-501</b>	Replaces H & E 745-1 fuel selector valve that is no longer available with new style	M20B 1701 - 1939, M20C 1940 - 2622, M20D 101 - 200, M20D 202 - 260		
Fuel Selector	<b>940073-503</b>	Replaces H & E 769 fuel selector valve that is no longer available with new style	M20C 2623 - 20-1258, M20D 201, M20E 101 - 21-1180, M20F 660003 - 22-1438, M20G 680001 - 700006		
Fuel Selector	<b>940073-505</b>	Replaces H & E 771 fuel drain valve that is no longer available with new style	M20C 2623 - 20-1258, M20D 201, M20E 101 - 21-1180, M20F 660003 - 22-1438, M20G 680001 - 700006		
Fuel Selector	<b>940073-507</b>	Replaces Dukes 3331-00 fuel selector valve that is no longer available with new style	M20C 2623 - 20-1258, M20D 201, M20E 101 - 21-1180, M20F 660003 - 22-1438, M20G 680001 - 700006, M20J 24-0001 - 24-0083, 24-0085 - 24-0377		
Radio Master Relay	<b>940074-501</b>	Replaces MB4413 relay	M20C 20-1147 & on, M20E 21-1161 & on, M20F 22-1179 & on, M20J 24-0787 - 24-1706, M20K 25-0108 - 25-0999		
Radio Master Relay	<b>940074-503</b>	Replaces MB4443 and MB4443-1 relay	M20J 24-3000 - 24-3153, M20K 25-1000 - 25-1224		
Ampmeter	<b>940075-501</b>	Replaces Stewart Warner ampmeter	M20C 20-0010, 20-1147 - 20-1169, M20E 21-0038, 21-1161 - 21-1181, M20F 22-1179 - 22-1257		
Brake Master Cylinder	<b>940076-000</b>	Replaces master cylinders 880027-501 and V-1-15-625 when used in pairs	All aircraft		
Fire Extinguisher	<b>940079-501</b>	Aircraft with existing fire extinguisher panel and retaining bracket that will not accept the 1200 extinguisher	M20J 24-0001 - 24-3286, M20L 26-0001 & on, M20M 27-0001 - 27-0142		
Fire Extinguisher	<b>940079-503</b>	Aircraft with existing fire extinguisher panel and retaining bracket that will not accept the 1200 extinguisher	M20J 24-0001 - 24-3286	call for availability	
Fire Extinguisher	<b>940079-505</b>	Direct replacement fire extinguisher	M20J 24-3287 & on, M20K 25-0001 & on, M20M 27-0143 & on, M20R 29-0001 & on		
Fire Extinguisher	<b>940079-507</b>	Aircraft without fire extinguisher	M20J 24-0001 - 24-3373, M20K 25-0001 & on, M20M 27-0001 - 27-0180, and 27-0183		
Fire Extinguisher	<b>940079-509</b>	Aircraft without fire extinguisher	M20J 24-3374 & on, M20M 27-0181, 27-0184 & on, M20R 29-0001 & on, M20S 30-0001 & on	call for availability	
Stall Horn	<b>940080-501</b>	Replaces obsolete stall horn	M20 1001 - 1200, M20A 1201 - 1700		
Stall Horn	<b>940080-503</b>	Replaces obsolete stall horn	M20B 1701 - 1939, M20C 1852, 1940 - 3466, M20D 001, 101 - 260, M20E 101 - 1308		
Brake Mod	<b>940082-501</b>	Change dual brake installation eliminating shuttle valves to prevent possible servicing problems	M20J 24-3201, 24-3218 - 24-3288	call for availability	
Brake Mod	<b>940082-503</b>	Change dual brake installation eliminating shuttle valves to prevent possible servicing problems	M20M 27-0108 - 27-0150	call for availability	
Gear Relay	<b>940084-501</b>	Replaces the relay for the electric gear	All 14 volt aircraft		
Gear Relay	<b>940084-503</b>	Replaces the relay for the electric gear	All 28 volt aircraft		
Replace Garmin G1000 GDL69	<b>940086-501</b>	Install the GDL 69 weather system in G1000 aircraft	M20M 27-0326 & on, M20R 29-0333 & on		

Spinner	940087-501	Install new spinner on aircraft equipped with Hartzell propeller HC-C2YK-1BF	M20C,D,E,F,G		
Push Button Engine Controls	940088-501	Replaces p/n 21-006-90 and is 43.687 inches long	See description block		
Push Button Engine Controls	940088-503	Replaces p/n 21-006-91 and is 27.0 inches long	See description block		
Push Button Engine Controls	940088-505	Replaces p/n 21-006-93 and is 50.75 inches long	See description block		
Push Button Engine Controls	940088-507	Replaces p/n 21-006-94 and is 32.5 inches long	See description block	call for availability	
Oil Cooler	940089-501	Replaces all prior oil coolers	M20E,F,J		
Flap Relay	940090-501	Replaces flap relay with new style	M20J 24-3201 & on, M20M 27-0108 & on, M20R 29-0001 & on		
Flap Relay	940090-503	Replaces flap relay with new style	M20J 24-3000 - 24-3078		
Flap Relay	940090-505	Replaces flap relay with new style	M20C 20-1147 - 20-1185, M20E 21-1161 - 21-1180, M20F 22-1179 - 22-1305		
Bench Seat	940091-501	Install rear bench seat with seat belts for 3 children	M20M 27-0181, 27-0184 & on, M20R 29-0001 & on, M20S 30-0001 & on		
Winterization Kit	940092-501	Install winterization cover to improve winter operations	M20R All		
Oil Access Door	940094-501	Installs improved oil access door	M20K 25-0001 - 25-1071	call for availability	
Extended Leg Room Seat Rail Mod	940098	Adds extra hole to seat rail for extended leg room	M20J,M,R	call for availability	
Ignition Switch	940099-501	Installs new style magneto switch	M20,A,J,K,L,M,R	call for availability	
Ignition Switch	940099-503	Installs new style magneto switch	M20B,C,D,E,F,G	call for availability	
Nav Light	940103-501	Replaces trailing edge nav lights on wing tips (original no longer available)	M20J,K,L,M,R		
Stand-by Alternator	940105-501	Installs stand-by alternator system	M20R 29-0001 - 29-0086		
Stand-by Alternator	940105-503	Installs stand-by alternator system	M20R 29-0087 & on		
Brake Valve	940107-000	Replaces obsolete brake valve with new style	M20B,C,D,E,F		
Propeller Governor Alternates	940110-000	Replacement governors for aircraft that have Hartzell prop HC-C2YK-1 or -1B hub/7666-2 or 7666A-2 blades. Call for details	M20A,B,C,D,E,F,G	call for availability	
Gear Up Limit Switch	940112-501	Replaces gear up limit switch	All Aircraft		
Vacuum Gauge	940113-501	Replacement gauge	M20J,M,R	call for availability	
Mechanical Tachometer	940114-501	Replacement for the mechanical tachometer	M20 1001 - 1200, M20A 1201 - 1700, M20B 1701 - 1939, M20C 1852, 1940 & on, M20D 1, 101 & on, M20G 680001 & on		
Mechanical Tachometer	940114-503	Replacement for the mechanical tachometer	M20F 660001 & on, M20E 101 & on		
Mechanical Tachometer	940114-505	Replacement for the mechanical tachometer	M20J 24-0001 - 24-0377 Except for 24-0084		
Mechanical Tachometer	940114-507	Replacement for the mechanical tachometer	M20J 24-0084, 24-0378 & on		
External Power Receptical	940115-503	Installs external power receptical	M20E,F,J,K		
Starter Relay	940120-501	Replacement starter relay	M20B,C,D,E,F,G, M20J 24-0001 - 24-2999, M20K 25-0001 - 25-0999		
Starter Relay	940120-503	Replacement starter relay	M20J,K,L,M,R		
IAI Light Control	940122-501	Improved replacement light control	M20L 26-0001 & on, M20M 27-0001 - 0107		
Tachometer	940123-501	Replaces obsolete tach with 3-1/8" tach	M20A,B equipped with Hartzell Prop HC-C2YK-1/7666-2 IAW Mooney SL 20-96A, M20C 1852, 1940 & on, M20D 1, 101 & on, M20G 680001 & on		
Tachometer	940123-503	Replaces obsolete tach with 3-1/8" tach	M20D 260 & on, M20E 101 - 822	call for availability	
Tachometer	940123-505	Replaces obsolete tach with 3-1/8" tach	M20E 823 & on, M20F 660001 & on	call for availability	
Tachometer	940123-507	Replaces obsolete tach with 3-1/8" tach	M20J 24-0001 - 24-0377 Except for 24-0084	call for availability	
Tachometer	940123-509	Replaces obsolete tach with 3-1/8" tach	M20J 24-0084, 24-0378 & on		
Fuel Flow Transducer	940124-501	Replaces Aerosonic p/n 32622-6, Hoskins p/n 702165-7, and Floscan p/n's 201B-L, 201B-M, 201B-H, 201B-HH	See description block		
14 Volt Voltage Regulator	940125-501	Replaces Oeco 20082 and Electrodelta VR414 regulators	See description block	call for availability	
14 Volt Voltage Regulator	940125-503	Replaces Electrodelta VR415 and Mooney 800270-505 regulators	See description block	call for availability	

Ice Light	940126-501	Installs light for ice detection on wing	All 28 volt aircraft		
		<b>RETROFIT KITS</b>			
Ice Light	940126-503	Installs light for ice detection on wing	All 14 volt aircraft		
Tail Nav/Strobe Light	940127-503	Replaces SDI/Hoskins assy with Whelen assy	All 14 volt aircraft	call for availability	
M20M Interior Kit	940128-501 CHAM	Chambre color and includes and includes carpet kit	M20M 27-0001 - 27-0180, M20M 27-0182 and 27-0183		
M20M Interior Kit	940128-501 GRAY	Gray color and includes carpet kit	M20M 27-0001 - 27-0180, M20M 27-0182 and 27-0183		
M20M Interior Kit	940128-501 SAND	Sand color and includes carpet kit	M20M 27-0001 - 27-0180, M20M 27-0182 and 27-0183		
M20M Interior Kit	940128-501 TAN	Tan color and includes carpet kit	M20M 27-0001 - 27-0180, M20M 27-0182 and 27-0183		
M20M Carpet Kit	940128-900 CHAM	Chambre color carpet kit	M20M 27-0001 - 27-0180, M20M 27-0182 and 27-0183		
M20M Carpet Kit	940128-900 GRAY	Gray color carpet color kit	M20M 27-0001 - 27-0180, M20M 27-0182 and 27-0183		
M20M Carpet Kit	940128-900 SAND	Sand color carpet kit	M20M 27-0001 - 27-0180, M20M 27-0182 and 27-0183		
M20M Carpet Kit	940128-900 TAN	Tan color carpet kit	M20M 27-0001 - 27-0180, M20M 27-0182 and 27-0183		
M20J/M20K Interior Kit	940129			call for availability	
Low Voltage Detector	940132-501	Replacement for Electrodelta LV-14 detector	See description block		
Vacuum Warning Flasher	940132-503	Replacement for Electrodelta FL-1	See description block		
Aileron Control Link for SB M20-264	M20-264-001	Replacement aileron control links that comply with SB M20-264	M20B,C,D,E,F,G,J,K		
Aileron Control Link for SB M20-264	M20-264-002	Replacement aileron control links that comply with SB M20-264	M20L,M,R		
Strobe Power Supply	940136-501	Allows replacement of SDI/Hoskins strobe light power supplies with Whelen HT series power supplies	M20C,E,F,J,K	call for availability	
12 Volt Battery	940137	Call for details			
Baggage Light Auto Shut Off	940138-501	Installs a light control box that automatically shut baggage light off	M20J,M	call for availability	
Electric to Mechanical Tach Conversion	940139-501	Converts electric tach to a mechanical tach	M20J 24-3374 & on		
Electric to Mechanical Tach Conversion	940139-503	Converts electric tach to a mechanical tach	M20J 24-3000 - 24-3373		
Electric to Mechanical Tach Conversion	940139-505	Converts electric tach to a mechanical tach	M20J 24-1418 - 24-2999		
Electric to Mechanical Tach Conversion	940139-507	Converts electric tach to a mechanical tach	M20J 24-1038 - 24-1417		
TSIO-360-SB Engine and M20K Gross Weight Increase	940141-503	Installs the TCM TSIO360SB engine and gross weight increases to 3130 pounds	M20K 25-1000 - 25-1230		
TSIO-360-SB Engine and M20K Gross Weight Increase	940141-503 (1 Alt)	Installs the TCM TSIO360SB engine with single alternator and gross weight increases to 3130 pounds	M20K 25-1000 - 25-1230		
TSIO-360-SB Engine and M20K Gross Weight Increase	940141-503 (2 Alt)	Installs the TCM TSIO360SB engine with dual alternator and gross weight increases to 3130 pounds	M20K 25-1000 - 25-1230		
Mic/Phone Jacks	940142-501	Installs rear seat mic and phone jacks	M20S - All	call for availability	
Boot MLG Retract Rod	940143-501	Installs boot on MLG retract rod in wheel well	M20B,C,D,E,F,G,J,K,L, M20M 27-0001 - 27-0279, M20R 29-0001 - 29-0199, M20S 30-0001 - 30-0038		
Starter Baffle Mod	940144-501	Used for the Skytec starter installation	M20M - All		
Flap Actuator	940146-501	Replacement for the Dukes flap actuator	M20C 69-0001 - 20-0010, 20-1147, M20E 69-0001 - 21-0038, 21-1161, M20F 69-0001 - 22-1179, M20G All	call for availability	
24 Volt Battery	940147	Call for details			
Strobe Light	940148-501	Replaces the Hoskins (SDI) wing tip strobe with the Whelen strobe	M20J 24-0001 - 24-2999, M20K 25-0001 - 25-0999		
SDI Tail Strobe Power Supply	940149-501	Replaces the Hoskins (SDI) tail strobe power supply with the Whelen power supply	M20J 24-0001 - 24-2999, M20K 25-0001 - 25-0999	call for availability	
SDI Tail Strobe Power Supply and Strobe	940149-503	Replaces the Hoskins (SDI) tail strobe power supply and strobe with the Whelen power supply and strobe	M20J 24-0001 - 24-2999, M20K 25-0001 - 25-0999	call for availability	
Fuel Boost Pump Regulator	940150-503	Replaces 14 volt regulator	M20K		
Fuel Boost Pump Regulator	940150-505	Replaces 28 volt regulator	M20K,R,S		
Voltage Regulator - 28 Volt	940151-505	Replaces all 28 volt regulators for single alternator systems	See description block		

oltage Regulator - 28 Volt	<b>940151-507</b>	Replaces all 28 volt regulators for dual alternator systems <b>RETROFIT KITS</b>	See description block		
Voltage Regulator - 28 Volt	<b>940151-509</b>	Is an alternate for the 940151-507 if two individual regulators are desired	See description block		
LED Indicator	<b>940152-505</b>	Replacement cowl flap indicator for p/n 800391-504	See description block	call for availability	
LED Indicator	<b>940152-507</b>	Replacement rudder trim indicator for p/n 800391-503	See description block	call for availability	
LED Indicator	<b>940152-509</b>	Replacement flap/elevator trim indicator for p/n 800391-505	See description block	call for availability	
Battery Vent	<b>940153-501</b>	Installs venting for lead acid batteries when replacing gel type	M20M 27-0250 & on, M20R 29-0151 & on, M20S 30-0001 & on	call for availability	
Bracket Repair Wing Flap Actuator	<b>940154-501</b>	This kit is for repair of 750096 flap actuator brackets whose holes are beyond size limits. The kit includes the repair drawing, bushing, doubler, and hardware.	M20M 27-0306 - 27-0316, M20R 29-0247 - 29-0277, M20S 30-0056 thru 30-0061	call for availability	
Standby Vacuum System	<b>940155-501</b>	Installs stand by vacuum in tailcone	M20M 27-0001 & on, M20R 29-0001 thru 29-0065		
Cabin Heat Duct and Muffler Shroud	<b>940156-501</b>	Rerouts heat duct away from the exhaust	M20R 29-0001 - 29-0328, M20S 30-0001 thru 30-0065		
Rudder Trim Ind and Switch	<b>940158-501</b>	Relocation of indicator and switch to allow for more panel space	M20M 27-0258 & on, M20R 29-0170 & on	call for availability	
Belly Fairing Installation	<b>940162-501</b>	Installs one piece belly panel	M20J 24-0001 - 24-0360	call for availability	
Belly Fairing Installation	<b>940162-503</b>	Installs one piece belly panel	M20J 24-0361 - 24-1417, M20K 25-0001 - 25-0780	call for availability	
Ceramic Tailpipe, IO550	<b>940163</b>			call for availability	
Gear Kit Dukes/ITT Gear Act 40:1 Ratio Gears	<b>SI20-112-001</b>	Installs 40:1 gears into the Dukes gear actuators. Ref Mooney SI M20-112	See description block		
Gear Kit Dukes/ITT Gear Act 40:1 Ratio Gears	<b>SI20-112-003</b>	Installs 40:1 gears into the ITT gear actuators. Ref Mooney SI M20-112	See description block		
Piston Vacuum Pump	<b>940166-501</b>	Replacement stby vacuum pump	M20J,K,M,R,S		
Stereo System PCD7100-P	<b>940167-501</b>	Installs stereo system PCD7100-P CD/MP3 Player	M20M 27-0318, 27-0326 & on, M20R 29-0333 & on, M20TN 31-0001 & on		
Restraint Installation - Amsafe	<b>940168-501 Gray</b>	Amsafe 4 place installation	M20J: 24-1686 (14v) - 24-2999 and 24-3154 & on M20K 25-1225 & on, M20M All, M20R All, M20S All, M20TN All		
Restraint Installation - Amsafe	<b>940168-501 Tan</b>	Amsafe 4 place installation	M20J 24-1686 (14v) - 24-2999 and 24-3154 & on M20K 25-1225 & on, M20M All, M20R All, M20S All, M20TN All		
Restraint Installation - Amsafe	<b>940168-503 Gray</b>	Amsafe pilot and co-pilot seats installation	M20J 24-1686 (14v) - 24-2999 and 24-3154 & on, M20K 25-1225 & on, M20M All, M20R All, M20S All, M20TN All		
Restraint Installation - Amsafe	<b>940168-503 Tan</b>	Amsafe pilot and co-pilot seats installation	M20J 24-1686 (14v) - 24-2999 and 24-3154 & on M20K 25-1225 & on, M20M All, M20R All, M20S All, M20TN All		
Restraint Installation - Amsafe	<b>940168-9505 Gray</b>	Amsafe rear seats installation	M20J 24-1686 (14v) - 24-2999 and 24-3154 & on M20K 25-1225 & on, M20M All, M20R All, M20S All, M20TN All		
Restraint Installation - Amsafe	<b>940168-9505 Tan</b>	Amsafe rear seats installation	M20J 24-1686 (14v) - 24-2999 and 24-3154 & on, M20K 25-1225 & on, M20M All, M20R All, M20S All, M20TN All		
Voltage Regulator - 28 Volt	<b>940170-501</b>	28 volt aircraft equipped with single regulators - Replaces 800270-501	See description block		
Voltage Regulator - 28 Volt	<b>940170-503</b>	28 volt aircraft equipped with dual regulators - Replaces 800270-503	See description block		
Voltage Regulator - 28 Volt	<b>940170-505</b>	28 volt aircraft equipped with single regulators - Replaces 800397-501	See description block		
Voltage Regulator - 28 Volt	<b>940170-507</b>	28 volt aircraft equipped with dual regulators - Replaces 800397-503	See description block		
Baggage Light Control	<b>940170-513</b>	Replacement baggage light control box for 800400-501 and 800268-509	M20J,K,M,R,S,TN		
Flap Pre-Select Relay Assy	<b>940170-517</b>	Replacement relay assy for 800376-501	M20J,K,M,R,S,TN		
Boost Pump Regulator	<b>940170-519</b>	Replacement regulator for 800270-523(A), -525(A) and 800397-505	M20K,R,M		
Type S Kit	<b>940176-501</b>	Installs Acclaim Type S speed mods	M20TN: 31-0001 - 31-0089		
M20TN Heater Kit	<b>940177-501</b>	Improves cabin heat	M20TN: 31-0001 - SR1521		
M20TN Heater Kit	<b>940177-503</b>	Improves cabin heat	M20TN: SR1521 -		
Antenna - 406MHz	<b>940180-501</b>	Antenna to be used with ARTEX ME406MHz ELT	All Models Optional		
Artex ELT ME406	<b>940181-501</b>	Retrofit Kit - ARTEX ELT ME406 Installation	ALL Models Optional		
Dual Brakes	<b>950239-501</b>	Adds toe brakes to co-pilot side	M20C: 20-1240 & on, M20E: 21-1181 & on, M20F All, M20G: All, M20J: 24-0002, 24-0378 - 24-0763		
Dual Brakes	<b>950239-503</b>	Adds toe brakes to co-pilot side	M20J: 24-0764 - 24-1250, M20K: 25-0001 - 25-0639		
Dual Brakes	<b>950239-505</b>	Adds toe brakes to co-pilot side	M20J: 24-1251 - 24-1417, M20K: 25-0640 - 25-0780		

	Dual Brakes	<b>950239-507</b>	Adds toe brakes to co-pilot side	M20J: 24-1418 & on, M20K: 25-0781 & on		
	Removable Step	<b>950350-9501</b>	Replaces Fixed step with a Removable one	M20M 27-0001 & on, M20R 29-0001 & on, M20S 30-0001 &		