

# M3W Alternative Parts List

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## Engine & Transmission

- **Air Filters:**
  - S&S Muscle air filter: Fitting Kit 170-0200, Chrome 170-0119, Black 170-0214 A1
  - Element: S&S 106-4722, S&S Super E/G pleated cotton type.
  - K&N filter E-3226 will fit at a pinch, just a little tight around support spindles
  - S&S Stealth element, S&S 170-0126. Alt PU PN 1011-2765
  
- **Bevel Box:**
  - Pinion bearings: HM88542-HM88510, HM89449-HM89410.
  - Bevel Box pinion change info: Pinion seal National Oil Seal 224205 Federal Mogul. Pinion shaft nut is LH thread. Pinion bearing pre-load is 18-20 lbs in torque. Assemble with silicone gasket on splines for oil sealing.
  - Pinion seal spec. 55x42x8mm R23 Viton double lip rotary shaft oil seal with gaiter spring. This is confirmed as one size but possibly 2 sizes are used.
  - Drive sprocket shaft seal. 75x55x10mm
  - Bevel gearbox numbers: New U120005 - £1854.22 +VAT. Recon U120058 - £410.00 +VAT (2015)
  - Oil:
    - Redline Heavy Shockproof 75W/250
    - Standard oil: Morris Lodexol XFS 80W/140 fully synthetic limited slip gear oil
    - Alternative oil: Millars EP 140
  - Bevel Gearbox rebuild: TM Bwitted April 2015. and P964 Nov 2017 for info.
  
- **Cam Belt:**
  - S&S 106-0571, Gates 37-0014.
  - Cam belt Spec: 127 teeth, 30mm wide.
  - Cam drive oil seals. SKF CR seals 8646
  
- **Clutch:**
  - Release bearing/cylinder: Volvo 8675052. (C30,C70 (2006-) S40,V50 (2004-) Jaguar 456R7A564AA, Land Rover LR022452 (Freelander 2)
  - Clutch Master Cylinder 15.8mm dia: LBACBL021AP Morgan p/n U120071
  - Alt. clutch master cylinder, not exact or confirmed bit similar. SAAB 9000 43850 or 8957292. Requires actuation rod transferring over.
  - Shorter Clutch Master Cylinder: AP CP2623. 5/8" bore. 3.15" long from flange face to the end as opposed to the 6" of the original.
  - Centa & Clutch fit: TM JVS Nov 2015.
  - HD Compensator Jurid coupling. BMW 26117518443
  - Clutch is made by TTV Racing Components. They will not help with anything. CG Motorsport in Leeds UK [www.clutch-specialists.co.uk](http://www.clutch-specialists.co.uk) will help.
  - Clutch new thickness is 7.3mm
  - Centa to crank nut thread size 5/8UNF
  - Flywheel support bearing(18) SKF3210A-2RS1TN9/MT33
  - Bleazey Centa Mod ratchet handle. 1/4" drive. Sealey AK6962
  
- **Drive belt:**
  - 186214M38 265A (printed on belt)
  - S&S (Gates) p/n: 106-0353
  - Drive belt spec: 1.5" wide, 133 teeth, 14mm pitch

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- **Exhaust:**
  - Stud nuts: 5/16" UNF.
  - Exhaust gaskets: 503015 (Matts Machine shop) don't fit.
  - G-56 Spitfire stage 1 kit: PPL-102916
  - Exhaust studs: 5/16" UNF/UNC. 1 3/4" long
  - "Jet" Nuts 5/16-24 Kaynar MS21043. (LAS Aero)
  - Rubber bobbins (later) Renault Traffic, Master, Espace RTN4 255-336. M8
  
- **Fuel system:**
  - Fuel Filter/ Regulator:
    - Mahle KL167 (Range Rover, BMW X5)
    - Mann WK513/3
    - Rover p/n WFL000020, WFL000021
  - Injector Nozzle. The part # is 0 280 156 198, Bosch, type B
  - S&S info = fuel injector, 55-5005, 31.3 lbs/hr at 58 psi, style B.
  - Fuel pump module retaining ring: BMW p/n 6762417
  - Fuel Pump: Module: WFX101020 (93-98 Discovery V8 EFI)
  - Alt. fuel pump:
    - Walbro GSS342 (Glencoe Ltd) (preferred alternative)
    - Fuel Pump Kit now available from Glencoe. p/n ITP 184
    - Convoluted pump hose heat-shrink 210mm: PFH0825 (for GSS342)
    - For USA pump supply try Summit Racing Kit 400-766 .
    - Pump wire loom 22-615 (for GSS342)
    - Pump rubber foot 22-63 (for GSS342)
    - Pump inlet filter 22-140 (for GSS342)
    - Pump module lock ring BMX X5 p/n 16116762417
    - Alternative fuel Pump: Walbro 340B.
    - Delphi FE0113 is standard replacement pump(?)
  - Fuel tank sender (280mm) VDO 224011000280G (Europa Spares)
  - Fuel hose Ethanol proof spec: 7.3mm ID, 13.5mm OD. J30 R9 73379 type 3E
  - Fuel hose p/n 2240.0600. Cohline. 1.5m reqd. to replace engine end.
  - Fuel hose protective sleeve: Heatshield Products Kit 204008 (5/8")
  - Fuel hose clips: Stainless steel round edge 11-13mm
  - Extra inline fuel filter. Suggested: VW Golf, Polo Bosch F5316 (0450905316)
  - Fuel Hose quick release connectors. Bundy Type 7.89mm ID6
  - Lambda Sensor: 0258986615 LS615 (Bosch 4 wire)
  - Wide Band Lambda Sensor (Emerald ECU?) Bosch LSU 4.2 0258 077 057 or VW 021906262B
  - Stepper Motor- Idle Air Control: S&S 55-5085 or HD 27628-01A
  - Throttle Position Sensor HD 27271-95 (not confirmed), Magneti Marelli PF4C, SMP 275-01030.
  - Fuel tank roll over valve alternative. Newton TRL88.
  - Charcoal vapour canister : Ford p/n 1374029
  - Fuel contents shunt resistor 750 Ohm 0.6 Watt across terminals.
  - ECU socket cover screws. 4-40 UNC thread.
  - Fuel filler internal cap key: Newton Equipment Ltd. AA-AC-008 (Key 044)

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- **Ignition:**
  - Spark Plugs:
    - Standard, Champion RA8HC
    - NGK Iridium: DCPR7EIX
    - NGK Iridium: DCPR6EIX recommended for use with 569 cams.
  - Plug Leads: Magnecor p/n 2547. Spec = KV85. 55cm long. 90-degree end coil pack, 45 degree plug, 12mm plug.
  - Ignition Coil .H D p/n 31655-99 or S&S 55-1576
  - Engine start and ignition relay: Durite 0-728-14 (Better) or Ripca 2690 (OEM)
  - Crank Position Sensor S&S p/n 106-0734
  
- **Oil System:**
  - Engine oil:
    - Motul 7100 4T 20W-50 V-Twin fully synthetic
    - Spectro 20W/50 fully synthetic V-twin.
  - Oil Filters:
    - S&S Oil Filter p/n 31-4103 (Black)
    - S&S Oil Filter p/n 31-4104 (Chrome)
    - K&N Oil Filter p/n KN-171B (Black)
    - K&N Oil Filter: p/n KN-171C (Chrome finish)
  - Engine sump plug thread ½”- 20tpi.
  - Engine sump plug O ring seal. 11.1mm ID 1.6 mm cross section.
  - Oil tank drain valve M12 1.75mm thread. p/n F-107N QVGN ([www.quickvalve.co.uk](http://www.quickvalve.co.uk)) Use 10mm drain hose.
  - Oil pressure and Temp gauge:
    - Merlin Motor sport. Gauge and kit SPA-DG201B, Extension bolt ¾ UNF M-EB-3/4UNF, Billet sandwich plate M-TGASP200X
    - SPA Oil Press/temp gauge info: TM KBMOG, Dec 2014. [www.merlinmotorsport.co.uk](http://www.merlinmotorsport.co.uk)
  - <http://www.cvocharley.com/smf/index.php?topic=14309.0> relates to air cleaner venting and blow by oil contamination.
  - Rear Crank oil seal: SKF 19745 (caution. i/d 2” and Centa o/d 50mm??)
  - Rear Crank oil seal, use SKF Speedi Sleeve p/n 99196 on Centa seal area to increase diameter (50mm) closer to 2” and give undamaged seal face (pos. chuck machine marks, remove any damage before fitment of sleeve)
  - Front crank cam drive seal. TF 22x35x7mm
  - Cam shaft drive oil seals. SKF CR 8646
  - Oil Hose 8mm (5/16”) ID 1.5m reqd. 13mm (1/2”) ID 3m reqd. To replace all hoses. Braided hose is available -40c to +120c temp range. Merlin Motorsport
  - Crank case upper vent bung. 1/8 NPT.
  - Oil Hose length required to replace all hoses: (5/16”) 8mm ID= 1.5m (1/2”) 13mm ID= 3m Hose temp range -40c to +120c, braided available.
  
- **Transmission and Starter:**
  - Gearbox sump plug (MX5) M18 – 1.5 12 square head (taper fit)
  - Starter Motor: Mazda MX-5 Series 3. p/n LF9H-18-400. M000T37471.
  - Gearbox rear rubber mount. Ford Cortina Mk1 (Type 9 g/box) requires slight modification to fit. p/n EM-429, GB2E400,113E6068.
  - Gearbox original spec = Mazda MX5 (Miata) NC 3rd gen. 5 speed.
  - Gear lever lower bush : 039817462A
  - Gear lever spare parts: (all Mazda numbers)
    - SI324 nylon cup, gear lever, all Mk1
    - SP1160 gasket, cover plate
    - SP1161 wavy washer, gearbox

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SP1911 nylon bush gear lever  
SP2182 gear shift lower bush 5Spd Mk1  
SP2389 Wavy Washer, Gear lever 5-speed Mk2

## Wheels, Suspension & Brakes

- **Bearings:**
  - Front wheel bearings:
    - Inner Timken LM67048, LM67010
    - Outer Timken LM11949, LM11910.
    - Seal: 1.75"x2.5"x0.375" (44.45x63.5x9.53mm) single lip.
  - Rear wheel bearings:
    - SKF Explorer 6205-2RSH.
    - Rear swing arm bearings: Timken 33205 25x55x22mm taper roller.
    - Rear swing arm seal: 30x60x7mm
- **Brakes:**
  - Clutch and Brake Fluid: DOT4 spec.
  - Brake bleed nipples Front - M10 x 1.0 Rear - M7 x 1.0
  - Brake parts Info: Caparo AP Braking. [www.caparobraking.com](http://www.caparobraking.com)
  - Caparo was AP Lockheed. Now does not seem to sell to public, no Cross ref numbers available. Try Liberty Group. 920E
  - Brake master cylinder tandem 17.8mm dia. LBBEAH003AP
  - Front:
    - Front brake Disc + Bell: LB1TPA002AP
    - Front Brake Pads: HF204. APP 0099-200G E344 2117
    - 16mm thick pads. Ferodo FRP1079 (DS3000) EBC Yellow stuff DP2044/3, EBC Green Stuff DP4044/3R, ALCON.PNF0084X322.4, BREMBO 07.5064.8, BREMBO 07.5064.82, BREMBO 07.5064.84, BREMBO 07.5064.49, PAGID 1705, PFC 7735.XX.16
    - Front Brake Caliper LH: APA0099-CD018A
    - Front Brake Caliper RH: APA0099-CD017A
    - Front brake caliper Banjo Bolt M10x1.0mm (Russell p/n R40506)
    - It may be possible to fit Mitsubishi Lancer Evo 5/6 brake pads, work required to modify back plate.
    - Speed Bleed Nipple (ABV) qty 4 M10x1mm thread size.
    - Front brake banjo brake size M10x 1.0 (Russell p/n R40506)
  - Rear:
    - Rear Brake Drum (9"x1.75"): LBNLCDL105AP
    - Rear Brake wheel cylinder: LB1LCG033AP. Alt. Motaquip VWC362, Unipart GWC1715, Mintex MWC155, QH BWC3238
    - Rear brake cyl. Repair kit. Autofren Saina D3167 or Ford OE-1571453 or Ford OE-70VB2128BB. (13/16" or 20.6mm dia)
    - Rear Brake shoe set: HF206, Ferodo FSB385, Mintex MLR42.
    - Rear Brake OEM Liberty 920E U220016 (with adjuster fitted)
    - Rear Brake adjuster kit: HK107 or BBA120.
    - Rear Brake spring kit: HF207 or Delphi BSF030
    - Info: Rear brake slave cyl and shoes: Ford Transit Mk2 single rear wheel 1976-86. Leyland Sherpa LDV 200 (9" rear drums) 1985-89. Grease inside gaiters to prevent corrosion. Pagid 134590648, Unipart GWC1715, Delphi LW15028.
    - Speed Bleed Nipple (ABV) qty 1 M7x1mm thread size

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- Replacement manual shoe adjuster, mod to fixed item. AP Lockheed 4158-129 SP, Delphi LA18129, Ford 1560018, GM 9961958.
  
- **Front tyres:**
  - Coker Excelsior Comp. 400H19 (Longstone Tyres)
  - Blockley 400H19 (MWS)
  - std.: Avon 400X19 65H
  - Tubes: BLTU400/19 Brass valve(TR-11), BLTU400/19-TR6 metal, BLTU400/19 rubber valve (TR-13) (MWS)
  - Michelin Commander II 110/90 B19 62H Motorcycle tyres, good grip, fast wear rate. Requires speedo recalibration. (See MTWC website for info)
  - Pirelli Night Dragon 110/90 M/C 62H TL. Similar to Michelin Commander II.
  - Metzeler ME888 , Harder sidewalls, more tread depth.
  - Shinko E270. Deep tread.
  - Schrader aircraft valve cap. MS20813-1
  - Alternative sealed valve caps on ebay.
  
- **Front wheels:**
  - Black: WW5771 BLACK (MG TA 2 1/2" x 19") (MWS)
  - Silver: WW5771S
  - Chrome: WW5771C/2
  - Alternative light weight alloy rim wire wheels from Turrino wheels.
  
- **Rear mudguard:**
  - Fabricate from Indispension MG008
  
- **Rear tyre:**
  - Yokohama Blue Earth 2 (OEM fit) 175/65-R15 84H
  - Michelin Cross Climate
  - Bridgestone Weather Control A005
  - Goodyear Vector 4 Season Gen 2 (or Gen 3).
  - Pirelli All Season
  - Yokohama Blue Earth 4S.AW21
  - Hankook Kinergy 4S2
  - Avon AS7 All Season
  - Dunlop SP Sport Blue Response
  - Kumho KH27 Ecowing ESO1
  - Avon CR6ZZ (for comp use)
  - OKO tyre sealant: 170749717059 (1.25 L) Puncture preventative sealant
  - Puncture Safe and Auto Seal are similar to OKO
  
- **Suspension and Steering:**
  - Rear wheel axle nut locking R clip 3mm x 72mm
  - Rear axle spanner sizes: 36mm & 24mm.
  - Rear axle adjuster spanner size: 17mm
  - Rear axle split pin size: 4mm x 40mm
  - Rear swing arm bearings : Timken 33205 25x52x22 taper roller
  - Rear swing arm bearing seal 30x60,7mm
  - Rear swing arm C spanner size: 50mm
  - Rear swing arm dust excluder cap: 48mm dia, 44mm inside 18mm deep.
  - Top and Bottom front upright ball joints: Mini Metro Mk1 up to 1984. p/n GSJ268 (several specs for this item check 14mm at top of taper) or Delphi TC301 or Moog RO-BJ-3409 or First Line FBJ5150. Requires 1 13/16" deep socket. Loctite 243. Tq load to 105 lbs/ft. Taper nut Tq 56 lbs/ft.

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- Gaiters for front upright ball joints: Boot 2 from balljointboots.co.uk spec. 30x12.5 x 27mm high. (Morgan p/n SP160001)
- Track rod ends comfort kit: Early (used with female/female coupler) M14x1.5mm RH male. McGill Motorsport XMRM 14X1.5MM. Late (connects directly to track rod, RH Female) XFRM 14X1.5MM or Fluro GIXSW14X1.5
- Complete track rod. Febi Bilstien 22767 Ford Fiesta Mk5 (2000-2012) 277mm long - cut down to 260mm. If early rack with female-female joint coupler Febi Bilstien 103606 should be used.
  - Available from: <http://www.dampertech.co.uk/>
- Empire / Krazy Horse Front suspension wishbone rose joints: Aurora XM6T 7/16"unf RH Thread x 3/8" bore PTFE lined with zinc passivisation. Autosport Bearings and Components, Shepperton, Middlesex, TW7 8BA (£25 ea) or Demon Tweaks.
- Gunson Trakrite Wheel Alignment Gauge: G4008
- Gunson Magnetic Camber Castor Gauge: 77066
- Spax Standard and Adjustable M3W shocks only available from Morgan.
- ATR Shock Absorbers. ATR MOG 001 Front. ATR MOG 002 Rear. Available from : [www,dampertech.co.uk](http://www.dampertech.co.uk) [sales@dampertech.co.uk](mailto:sales@dampertech.co.uk)
- ATR shocks rod end bearings GE15TGR, GE15ETX 15x26x9mm S Steel/ptfe
- ATR rod end O ring dust excluders 26OD x 19mm ID 3.5mm thick.
- Ohlin Shocks info. TM. JVS Nov 2015 & TM 10/10/16
- Ohlin shocks for M3W use p/n HD753 and YA009 units.
- Steering wheel quick release: Lifeline 3 or 4 lug. April 2017 on cars Traven unit fitted, this is only available from Morgan. Caution, spline alignment issues with Traven item, see warning in MTWC info.
- B-G steering wheel spacers (3 bolt): Demon Tweaks
- 4 Bolt steering wheel spacers from Krazy Horse.

## Electrics

- **Battery:**
  - Standard Battery: Banner Starting Bull 530 30
  - Standard Battery Spec: 30A, 300A cold crank, L187mm, W128mm, H165mm. Bolt through terminals.
  - Exide AGM12-31 (4990) sealed bike battery (30A, 430CCA).
  - Landport HVT-2. (AGM 450 CCA) (slightly taller than standard 5mm)
  - Duracel DURAGM 30LA-US (30A 400CCA)
  - Poweroad YG19CL-BS-GEL (21a 400CCA) (10mm taller)
  - Odyssey Gel battery : PC680
  - Westco WCP30 Platinum Motorcycle battery. AGM .(May require base plastic trim to fit tray.)
  - Varta Blue Dynamic (540126033) (054) Lead Acid. Taller (50mm), needs retaining studs extending.
  - Xtreme AGM. CYLA30LXTA. (12V, 385CCA)
  - Arteck 600a jump starter pack.
  - YUASA UR1. 30a/h 270 CCA (commonly available at Halfords in UK)
  - JMT YTX30-FP or HJTX30FP Lithium Ion (480 CCA)
  - Shido LIX30 Lithium Ion (480 CCA)
  - Magneti Marelli 53034 (32a 540 CCA) Lithium Ion.
  - EarthX ETX36D Lithium Ion (405 CCA)
  - Powerlite PS20 Lithium Ion ( 20a 630 CCA)
- **Charging system:**
  - Standard Cycle Electrics regulator/rectifier: CE 601
  - Harley Davidson Alternate Regulator: 74540-01 38amp 3 Phase. (fits 01-06 HD Softail, FX, FLST)
  - HD type. Drag Specialities p/n 2112-0808
  - HD type after market rectifier Chrome: PEU-21120803

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- HD type after market rectifier Black: PEU-21120808
- Rectifier Plug (4 Pin): Farnell Ltd. Amphenol parts: ATP04-4P (Rcpt), ATP06-4S (plg), AT62-12-0166 (Skt), AT60-12-0166 (pin).
- Long life rectifier bobbins: <https://caterhamparts.co.uk/mounts-gaskets/1075-exhaust-mounting-bobbin.html>
- Battery remote disconnect: <https://www.batterybrain.co.uk/>
- Genny stator test: <http://roadstercycle.com/Stator%20Testing%20Example.htm>
- Fuse box. 20 way mini fuse module, MFSFUS20 ([carbuilders.com](http://carbuilders.com))
  
- **Lamps:**
  - Replacement 7" headlights with DRL: PowerfulUK (ebay) Morgan ARV6 type or LR Defender. (£45) p/n HL873
  - H4 Halogen Headlight bulb: Philips Extreme Vision +130.
  - H4 LED headlight bulb: H4 Philips LUXEON ZES
  - H4 headlight ceramic replacement plug Holden 010338
  - 55mm red Stop tail LED unit: Part Number: LED55ST
  - 55mm amber indicator LED units: Part Number: LED55IND from car parts builder solutions. Or Dasteri DSL0400DIF
  - Chrome bullet LED indicator: 2040-0835 (Arlen Ness)
  - Black bullet LED indicator : 2040-0845.
  - Indicator Module, Morgan p/n E340098. Check 12 or 18 pin plug (See TM 2021, "Build a better TSM" )
  - Additional LED rear light, roll hoop mounted: Axiom Zap 2
  - LED full conversion, chrome or black finish HL-051 (PowerfulUK)
  - Headlight shells, 7"; Black. AS700B or chrome AS700SF (SVC)
  - Wire loom connectors - Econoseal.
  - Headlight flasher relay. 30w p/n 10R027024 or Puretek CF14JL-02

## Body

- Fairbourne screen made from Lexan Marguard Polycarbonate. Windscreens: [www.fairbournecarriages.com](http://www.fairbournecarriages.com)
- Exhaust mounts: Hexagon Male M8x16. HEX1384-60 or : <https://www.clampcouk.co.uk/exhaust-repair/exhaust-mountings/exhaust-mounting-bobbins/ecsm33-rnt3-255-333-m8-thread-renault-universal-exhaust-mounting-bobbin.html> or Caterham parts : 30X052B
- Rear Indicator Chrome (Rutter) 2EL201L, 3EL201R
- Replacement side, rear view mirrors: <https://www.ebay.co.uk/itm/PAIR-OF-LUCAS-STYLE-CHROME-ROUND-EXTERIOR-WING-DOOR-MIRROR-CLASSIC-CAR-LH-RH/321698142306>
- G-56 bonnet sprung Dzus fasteners: <https://www.garage56.co.uk/product/morgan-bonnet-fastener-ejector-spring-kit/>
- Stick on Union Jack badges: <http://shop.morgansportscarclub.com/acatalog/Union-Flag-Enamelled-Badges.-Stick-on.-32.html#SID=10>
- Lower body edge to chassis pop rivets: 5mm dia. (3/16") 16.5mm long aft, 9.3mm long forward. Stainless steel. HD puller required.
- Boot liner tray knurled thumb screws (qty9) M5 x 16mm.
- Front mudguard bolts Stainless steel M8 x 16mm, shake proof washers serrated type. Kays on Ebay.
- Chassis touch up paint. Bodyline black texture coat BPRS4

## Interior

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- Extra (cigar) power socket 20A 28mm flap: 60101 (Europa)
- Double 5v output USB sockets available. Several on eBay.
- Dynamat soundproofing.
- Silent Coat soundproofing 2mm and 4mm deadening vibration mat.
- Manufactured Glove box from 2mm Plasticard.
- Sat Nav mount ball: RAM 1" tough-ball, M6-1 fitting. RAM-RAP-B-379U-M616 (Maya 20000 Ltd) or [www.telferizer.com](http://www.telferizer.com)
- Immobiliser: Sterling Excel, Made by Scorpion Automotive. [www.scorpionauto.com](http://www.scorpionauto.com) Thatcham Cat 2.
- Immobiliser link plug, removes immobiliser from circuit. Morgan p/n E340044. Wire info M3W Parts book page 69. Make from item below.
- Immobiliser link plug make from: AMP Multilock 070 12 way female plug
- Melvyn Rutter engine turned dash panels: 3AC51L, 3AC51R.
  
- Steering Wheel quick release: [www.lifeline-fire.co.uk](http://www.lifeline-fire.co.uk)
  - Changes to design and part numbers build 01/06/16 and 03/04/17.
  - 3 bolt standard and 4 bolt for Brooklands wheels.
  - Treven type QR only available from MMC with steering wheel.
- Glove box leather Bag: <https://dowcopowersports.com/willie-max-take-along-windshield-bag-large-58011-00/>

## Parts Sources

- <http://mattsmachineshop.co.uk> S&S Parts UK supplier.
- [http://www.magnecor.co.uk/product\\_information.asp](http://www.magnecor.co.uk/product_information.asp) Ignition leads
- <https://www.carbuildersolutions.com/uk/CatalogueRequest>
- [https://www.sscycle.com/docs/default-source/instruction-sheets/510-0048\\_sidewinderspringsxwedge\\_20130311.pdf?sfvrsn=4](https://www.sscycle.com/docs/default-source/instruction-sheets/510-0048_sidewinderspringsxwedge_20130311.pdf?sfvrsn=4)
- <http://atr-performancedampers.co.uk/> <http://www.dampertech.co.uk/>
- <http://brakeparts.co.uk>
- <http://www.opieoils.co.uk> Lubricant supplies.
- <https://www.powerfuluk.com> DRL headlights lights.
- <https://www.s-v-c.co.uk> Lighting
- <https://www.mtwc.co.uk/the-5-speeder/>
- [www.europaspares.com](http://www.europaspares.com) Kit car spare supplier.
- <https://vtwin.parts/vvctech/ss-cycle-s-s-x-wedge-catalog-2019.pdf>
- <https://www.lasaero.com/products/> LAS aero fastener products (Dzus)
- [www.abtproducts.com](http://www.abtproducts.com) OEM chassis manufacture
- [www.deadening.co.uk](http://www.deadening.co.uk) for Silent Coat sound proofing.
- [www.dynamat.com](http://www.dynamat.com) sound proofing material.
- [Info@ttvracing.com](mailto:Info@ttvracing.com) Clutch manufacturers. No help to public.
- [www.seconcitycustoms.co.uk](http://www.seconcitycustoms.co.uk) S&S parts supply.
- [www.roosemotorsport.co.uk](http://www.roosemotorsport.co.uk) High performance silicone hose.
- [www.clutch-specialists.co.uk](http://www.clutch-specialists.co.uk) Clutch refurbishments and parts.
- [www.tayna.co.uk](http://www.tayna.co.uk) Battery supply
- [www.simtekuk.co.uk](http://www.simtekuk.co.uk) Automotive electrical connectors.
- <http://www.suspensionsupplies.co.uk/morgan-suspensions/4593177137> For Suplex shock absorber parts and service.
- <https://www.mulfab.co.uk/products/brake-pads/> M3W brake upgrade kit.
- [www.morgancustom.net](http://www.morgancustom.net) USA supply for oil coolers, fuel system upgrades.
- <https://www.bandcexpress.co.uk> Chain conversion items.
- <https://www.redlineoil.com/80w250-gl-5-gear-oil-2>
- [www.morganpark.de](http://www.morganpark.de) M3W customisation for interiors Germany.
- [www.mrwhitewalls.com](http://www.mrwhitewalls.com) Coloured sidewalls for tyres (Gulf M3W)
- [www.uk.farnell.com](http://www.uk.farnell.com) Electrical loom plugs



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- [www.dampertech.co.uk](http://www.dampertech.co.uk) . ATR shock absorbers.
- <https://www.garage56.co.uk> M3W upgrades for exhaust, mudguards etc.
- [www.merlinmotorsport.co.uk](http://www.merlinmotorsport.co.uk) Fuel & Oil Hose, gauges, fuel systems.
- [www.turrinowirewheels.com](http://www.turrinowirewheels.com) Light weight alloy rim wire wheels.
- [www.bigdogpartskingpin.com](http://www.bigdogpartskingpin.com) S&S X-Wedge engines and parts.

## Services, info. etc.

- B&C Express Potterhanworth. 01522 791369, LN4 2DX. Talked to Chas about chain drive conversion.
- <https://www.gov.uk/government/publications/mot-inspection-manual-for-class-3-4-5-and-7-vehicles>
- Urban Cooling Kit instructions PDF: <https://drive.google.com/file/d/0B597Pkl-M0WqWEk2Tk5UeFk5Mms/view?usp=drivesdk>
- S&S Engine service manual: 106-0735
- Supermax sprocket conversion: [vyvyanross@yahoo.com](mailto:vyvyanross@yahoo.com) [www.supermax.net](http://www.supermax.net)
- V 5.2 MMC M3W parts manual: [https://www.4shared.com/get/H-5MmbB8ei/M3W\\_Parts\\_Book\\_V52.html](https://www.4shared.com/get/H-5MmbB8ei/M3W_Parts_Book_V52.html)
- Loctite 243, use this to secure just about everything on the M3W.
- Fast Idle at standstill: Motor Kit Idle Control S&S 55-5085 or HD 27628-01A
- Protune: voltage oscillation range of the lambda probes is 0.5 V to 1.1 V approximately for good sensor
- Autosol Blueing Remover Stainless Steel Exhaust Cleaner Colour Restorer 150ml.
- Turn Signal Module. Morgan p/n E340064. If faulty it can cause engine to run on as well as several indicator and light faults.
- M3W Services UK [craig@M3Wservices.com](mailto:craig@M3Wservices.com) All M3W servicing and upgrades work.
- M3W Services France and UK <https://www.m3wservices.com>

## Miscellaneous

- Davida Goggles/Glasses: 74 WRS. From Greycar (£36)
- Morgan M3W jacket = Spada Dyno (less M3W badge).
- Crash Helmets; Caberg Riviera V2+