

INCLUDES JD CLASSICS RESTORATION SPECIFICATIONS

W | M SPORT

Introducing the ultimate WM Sport Jaguar E-Type GT



## The finest and most powerful custom-built E Type available to the market

We are delighted to introduce the latest in our WM Sport custom built E Types - the ultimate in power, luxury and bespoke craftsmanship.

The car is the epitome of true, continental GT car; a classic Jaguar that will effortlessly convey two people and their luggage in luxury and comfort from London to St Tropez. With a reliable and race proven engine that delivers close to 400BHP from its 4.7 litres and boasting in excess of 400 ft lb of torque, the WM Sport GT is a stunning classic to rival the most powerful and accomplished of sports cars.

But it's not just the power and performance of the car or it's stopping power delivered by ventilated disc brakes and six-pot calipers to the front and 4 pot to the rear; the WM Sport GT has a stunning level of bespoke built, custom features throughout its construction. Sumptuous leather and Alcantara trim adorn the interior of the car, while custom-made seats combine a classic look with body hugging contours and high levels of comfort. The chunky but period-looking steering wheel sits perfectly to hand above a bespoke pedal box and hidden inertia reel seatbelts, which all combine to create the perfect driving environment. And when it's time for a break,

the leather-trimmed underfloor storage compartment is the perfect solution for your on-the-road refreshment.

Under the bonnet, the classic wide-angle Jaguar cylinder head sits atop a block bored to 4.7 litres. Three side draft Weber 48 DCOE carburettors and a performance air filter deal with the breathing requirements, while a white ceramic coated manifold leads to a fully custom-built exhaust system with polished tailpipes. Power is transmitted via Woodham Mortimer's own 5 speed gearbox and a Powerloc LSD. Numerous other unique under-bonnet details complete the incredible engine bay. Handling is provided by fully adjustable Gaz coil over dampers and racing anti-roll bars, that provide sure footed handling with all the comfort you'd expect in a car of this type.

Sitting on 15 inch Dunlop racing style wheels and Avon tyres, the body is subtly widened to accommodate the extra wheel width, giving the car similar dimensions to the original and legendary lightweight racing E-Types. With bespoke chrome work free of overrides, the car has a purposeful stance that will leave observers fully aware that this is serious performance car.

WONDERFUL CARS. MADE PERFECT

## The full WM Sport GT specification:

- 4.7 litre engine, wide angle head, bespoke internals, 3x 48 DCOE Webbers. Approx. 400 bhp
- Bespoke WM Sport 5 speed gearbox and 3.31 Powerlok LSD
- Adjustable Gaz coil over spring/damper units front and rear with uprated anti rollbars
- Peg drive Dunlop Racing type wheels with 3 ear spinners. 7x15 front/8x15 rear. Avon tyres 215/60-15 front and 245/60-15 rear
- Front: vented front discs with WM Sport 6 pot calipers Rear: vented discs with 4 pot calipers. Electric vacuum pump for servo
- First car features Portofino Blue paintwork with red leather and Alcantara trim. Bespoke seat design, door panels and hidden inertia reel belts
- Widened rear arches, smooth bumpers, LED lighting and LED dash lighting
- Long range fuel tank
- Heated front and rear screens with hidden aerial. Green tint to front
- Numerous other bespoke details abound throughout the car

This is an incredible car fully restored and upgraded to enjoy (£POA). JD Classics is now taking orders to restore similar cars that can be built to your precise specifications as you can check in the attached standard restoration list.



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## RESTORATION STANDARDS AT J.D CLASSICS RECEIPT OF VEHICLE

### 1. EXAMINATION

- a. Agreement regarding retention or replace / refurbish strategy of original parts e.g. Soft trims in good original condition
- b. Full Workshop Health Check Inspection
- c. Identification of missing, damaged and non original components
- d. Physical vehicle check against original build specification for engine, cylinder head, gearbox, front frame, body tag and VIN plate alignment
- e. Where possible complete running and driving appraisal

### 2. BODY PREPARATION

- a. DISMANTLING
- b. Strip car of all components, back to bare painted shell (photograph and document for condition)
- c. Components are boxed / labelled / stored to ensure alignment to original vehicle
- d. Photograph and record condition of stripped body shell
- e. Media blast entire body shell back to a bare metal shell, including removal of all bolt on panels
- f. As a bare minimum - inspect inner sill integrity with outer sill removal or borescope inspection
- g. Inspect and test picture frame, and other engine frames for integrity replace and repair as need

### 3. BODY RESTORATION

- a. Cut out and remove any corroded, visibly weakened or distorted panels, using Jaguar Classic Panels wherever possible - body and closures
- b. Repair sections are inserted using edge welding for originality, replaced panels are welded using exact or replicated joining processes
- c. All enclosed sections to be corrosion protected as a part of the body assembly process
- d. Re-fit and align doors, boot and bonnet to ensure factory specified gap and flush fit conditions are achieved
- e. Front & rear bumpers plus any other body fitting hardware is trial fitted and coordinated to ensure factory specified alignment after paint
- f. Where necessary as per original specification external joints and some shaping is achieved via lead loading
- g. Photograph and record condition of repaired body shell

### 4. REFINISHING

- a. Bodyshell will be Painted
- b. Once repairs are complete body is initially epoxy etch primed and low baked

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- c. Surfaces are finessed for shape using sprayed polyester followed by high build primer and low baked
- d. Joints are seam sealed using air drying seam sealer
- e. Final colour paint finish is either 2k acrylic warm air dried or water based refinish paint clear over base technology low baked
- f. Final polishing involves wet flattening by hand and machine polishing using compounding polish.
- g. The underbody is anti stone chip sprayed and finished either body colour or black as agreed with the customer.
- h. Wax treatment is sprayed into any corrosion liable areas including sills and box sections
- i. A protective film is applied to protect the paint finish during the reassembly process

## 5. EXTERIOR

## 6. BRIGHTWORK

- a. All chrome work will be stripped, repaired and refitted as required before re-chroming and refitting - retaining as many original parts as possible
- b. If beyond repair new chrome items are fitted and adjusted as a last resort
- c. The rear face of chrome bumpers etc will be repainted as original
- d. Exterior mirrors replated or replaced, and where not fitted period style mirror fitted with enhanced functionality to customer requirement

## 7. GLAZING AND SEALING

- a. All rubber body seals are replaced then shaped and fitted as required
- b. Front and rear screens are cleaned, inspected and replaced if required and installed using new seals
- c. All side glass cleaned, inspected and replaced if required and refitted with new or refinished glass run channels and seals
- d. Window regulators cleaned, and new star drive and quadrant fitted and standard or replaced as needed

## 8. LIGHTING AND PLATES

- a. New front lamps fitted with Halogen bulbs as standard except at customer request of originality
- b. Front and rear lamp bodies replated or replaced and mounted with new seals
- c. Marker and rear lamp lenses inspected and replaced if required
- d. New period correct number plates fitted
- e. All door, trunk and bonnet locks and latches refurbished and replated or replaced to offer one key fits all solution or as original

## 9. INTERIOR

## 10. SEATING



- a. All seats are stripped to a bare frame and metal components stripped and recoated for protection (assuming replacement strategy is agreed)
- b. All seat foams are replaced with fire re-tardant foams
- c. All springs and webbing replaced
- d. All seats and armrest re-covered in customer choice of period correct leather trim (assuming replacement strategy is agreed)

## 11. CABIN TRIM

- a. Door cards, sills, boot boards, dash board and other cabin items retrimmed in period correct materials and surface grain
- b. Option of additional modern sound deadening materials on cabin floor and tunnel
- c. Factory correct carpets fitted to the cabin

## 12. ON COUPES - HEADLING FABRIC AND SUNVISORS REPLACED / RECOVERED WITH PERIOD CORRECT FABRIC TRIM

- a. Period fabric lap or inertia reel belts per customer requirement fitted colour choice available
- b. Steering wheel checked for structural integrity and reconditioned or replaced as required
- c. Steering column stripped, refinished and reassembled with new bushes and universal joints, lock and column stalks stripped clean and rebuilt
- d. Hand of drive change can be offered at customer request

## 13. INSTRUMENTS

- a. All dials are stripped and re-conditioned to achieve maximum reliability and accuracy
- b. New speedo and where applicable tachometer drive cables fitted

## 14. ELECTRICAL SYSTEMS

- a. New body wiring harnesses connector blocks fitted throughout, braided and terminated as original
- b. Fuse holders, fuses & relays replaced. New correct appearance battery and mounting system fitted
- c. All switch gear is tested and repaired or replaced as required
- d. Period radio fully reconditioned and upgraded (bluetooth/ MP3/ DAB) to customer requirement
- e. Upgrade electrical cooling system fully supported by enhanced power supply circuitry can be specified at customer request
- f. Upgrade ignition system with original appearance fitted as standard unless specified by customer

- g. New wiper arms, blades and jets fitted, original bottle refinished and reused if possible, Wiper motor reconditioned and refinished

## 15. CONVERTIBLE TOP (IF APPLICABLE)

- a. hooding stripped off, frame media blast cleaned and refinished in original colours, hood refitted as original or per customer requirement
- b. Hood latching mechanism refurbished and replated or replaced
- c. Hood cover (tonneau) replaced

## 16. MECHANICAL SYSTEMS

- a. Engine and Cooling System
- b. Engine will be stripped and rebuilt
- c. The engine is stripped and cleaned before being thoroughly measured and tested to assess condition of the original components
- d. All operational component factory tolerances will be measured and adhered to
- e. Pistons, rings, piston liners (where applicable), bearings, drive chains & oil pump will be replaced as a matter of course
- f. Crankshaft, conrods and flywheel will be cleaned, crack tested, machined to suit new bearings and balanced (as appropriate)
- g. Cylinder head will be acid dipped to decarbonize, refaced and recut to suit new valves, springs, valve guides / seals,
- h. All oil seals, gaskets and core plugs replaced
- i. Engine fully reassembled to factory tolerances and tested prior to installation. Comes with 12 month or 12,000 mile manufacturer warranty
- j. Engine externally refinished to factory specification
- k. Starter motor and dynamo / alternator are reconditioned, refinished as original and refitted with new drive belts
- l. Radiator and header tank replaced with new or record & refinished, along with water pump and all hoses and clips
- m. Carburation, Exhaust and Fuel System
- n. Carburetors are stripped and vapor blast and ultrasound cleaned to original appearance
- o. Carburetors are reassembled with new diaphragm, jets, needles, gaskets, replated linkages, bushes etc.
- p. Intake manifolds are likewise cleaned and prepared to include polishing as original
- q. Air intake components are refinished to original specification and reinstalled with new air filters
- r. Fuel tank is dip cleaned & sealed, inspected and refinished. Fuel pumps, lines and filters all replaced, locking petrol cap fitted
- s. Jaguar original equipment exhaust fitted (enhanced corrosion protected mild steel) with new clamps, rubber mounts and gaskets
- t. Drivetrain and Suspension

- u. Gearbox stripped and assessed before being rebuilt with replacement parts as needed & refinished, bellhousing vapor blast cleaned for original appearance
- v. New clutch driven, pressure plate and release bearing fitted, master and slave cylinders being replaced
- w. Rear differential stripped and assessed before being rebuilt with replacement parts as needed, ratio options available, painted finish
- x. Rear independent suspension stripped, frame inspected then zinc primed and powder coated
- y. Prop shaft and driveshafts stripped, universal joints replaced and refinished. Shock absorbers replaced
- z. Front and rear uprights, wishbones and suspension arms dismantled, replated or refinish and refitted with new bushes, bearings and seals
- aa. Splined hubs where appropriate replaced, wire wheels replaced and refitted with new correct tyres subject to customer choice
- bb. Disc wheels refinished as original and refitted and balanced with new correct tyres (& tubes if relevant) subject to customer choice
- cc. Braking system
- dd. Pedal box checked and rebuilt / refinished as required with any new components needed, pedals refinished and return springs replaced
- ee. Brake master cylinder and servo stripped and rebuilt with new seals, before refinishing, replating and testing
- ff. Brake calipers stripped, fully reconditioned and replated before fitting with new pistons and seals
- gg. All brake discs, flexible hoses, fixed brake lines, vacuum hoses, fluid lines and reservoirs replaced with new

## 17. FIXINGS AND FINISHES

- a. Fixings will be replated wherever serviceable to original finish specification, or replaced
- b. All components will be refinished to original cosmetic specification. Corrosion protection will be increased wherever possible retaining
- c. original appearance

## 18. FINAL SIGN OFF

- a. 121 point Classic health check completed
- b. Quality sign off process undertaken, "production car" style audit process applied to cosmetic, functional and dynamic assessment
- c. Squeak and rattle test, water test & emission test undertaken as part of the above
- d. Upon completion the car will be subjected to a minimum 200 mile shake down session at a proving ground and on public roads
- e. Final detail, including mop polish and wax
- f. Supply of Restoration Pack including documented restoration process, health check, Service book & test reports where appropriate.

## CUSTOMER HANDOVER

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