

McLAREN 625C/650S

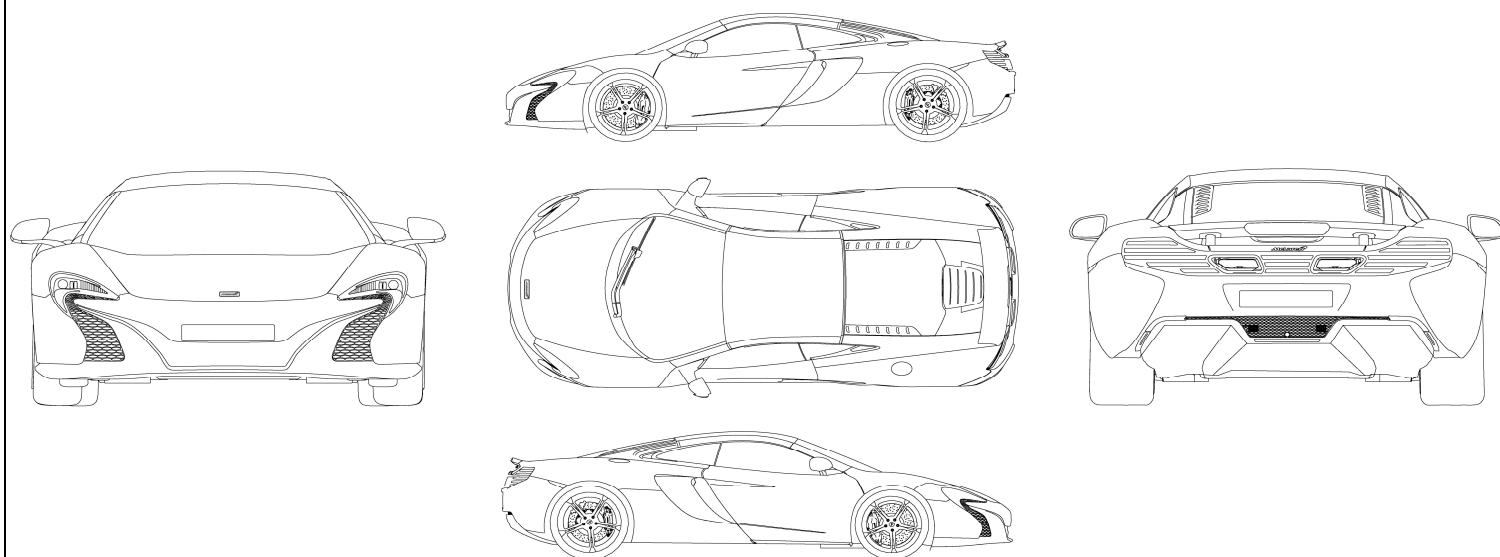
6th Service (6 years or 90,000 km (60,000 miles))



Please check vehicle odometer reading and date of registration against Mileage and Periodic Dependant Operations prior to carrying out service		Coupe service time: 4.20 units Spider service time: 4.30 units
Customer:		
Vehicle registration:	VIN:	Date:
Colour:	km/miles:	Invoice/job number:
Address:		Customer contact details:
		(Telephone number)
		(Email address)

VEHICLE ACCEPTANCE (CUSTOMER PRESENT FROM 1.1 TO 1.4)

1.0 Vehicle pre-checks	Completed	Not Completed	Comments
1.1 Check for wheel locking key (if supplied) and towing eye			
1.2 Check tyres for damage, crack formations and correct orientation			
1.3 Check condition of wheel rims and wheel bolts (mark graphic below where applicable)			
1.4 Check condition of paint and bodywork (mark graphic below where applicable)			



(D = dent, S = scratch, X = damage, C = chip)

Comments:

1.5 Check McLaren Retailer Portal for any outstanding campaigns applicable to the vehicle			
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VEHICLE EXTERIOR AND FLUID CHECKS (ENSURE BODY PROTECTION IS FITTED)

2.0 Two technicians will be required for step 2.1	Completed	Not Completed	Comments
2.1 Check operation of exterior lighting and parking sensors (if fitted)			
2.2 Check/adjust fluid level of windscreen washer system			
2.3 Check headlamp alignment - Refer to associated procedures			
2.4 Check condition of wiper blade (replace if required)			
2.5 Check condition of window glazing and exterior light glazing			
2.6 Check condition of door, luggage compartment lid and engine cover seals			
2.7 Check operation of fuel filler flap manual opening mechanism			
2.8 Check operation of controls and adjusters in general (hinges, doors, luggage compartment lid, engine cover, tonneau and Retractable Hard Top (RHT))			
2.9 Check security of battery connections - Refer to associated procedures (physical check)			
2.10 Check/adjust fluid level of power steering system			
2.11 Replace cabin filter			

INTERIOR FUNCTION CHECKS

3.0 Carry out instrument cluster checks	Completed	Not Completed	Comments
3.1 Check battery charge status			
3.2 Check operation of Airbrake using Active Dynamics Panel			
3.3 Check engine oil level - Refer to associated procedures			
3.4 Check operation of Tyre Pressure Monitoring System (TPMS)			
3.5 Check operation of indicator, hazard and warning lamps			
4.0 Carry out interior function checks	Completed	Not Completed	Comments
4.1 Check operation of central locking and alarm system			
4.2 Check operation of interior controls (switches, lights, windows)			
4.3 Check operation of door mirrors (including powerfold function), rear view mirror and sun visors			
4.4 Check operation of head unit (audio/phone/satellite navigation/PC/cameras)			
4.5 Check operation of heated rear window			
4.6 Check operation of heating, ventilation and air conditioning system			
4.7 Check condition and operation of seats, seat belts and seat belt buckles (ensure seat belts are not twisted)			
4.8 Check condition of interior trim (seats, door casings, centre console, fascia, carpets)			
4.9 Check brake pedal free play			
4.10 Check operation of Electronic Parking Brake (EPB)			
4.11 Check operation of vehicle lift function (if fitted)			

MECHANICAL CHECKS

5.0 Secure and lift vehicle on lifting platform - Refer to associated procedures								
5.1	Check and record tyre pressures (bar/psi) (adjust if required)	Front left:	Front right:	Rear left:	Rear right:	Completed	Not Completed	Comments
5.2	Measure and record tyre tread depth (mm)	Front left:	Front right:	Rear left:	Rear right:	Completed	Not Completed	Comments
	Outside							
	Centre							
	Inside							
5.3	Check front and rear axle wheel bearing play							
5.4	Check front and rear ball joints for play							
5.5	Check front and rear track rods for play							
6.0 Remove wheels - Refer to associated procedures						Completed	Not Completed	Comments
6.1	Check brake pads (replace if required)							
6.2	Visually check condition of brake discs - Refer to associated procedures (Weigh Carbon Ceramic Matrix (CCM) brake discs when brake pads are replaced)							
6.3	Check Electronic Parking Brake (EPB) pads (replace if required)							
6.4	Check/clean brake disc cooling ducts							
6.5	Replace brake system fluid - Refer to associated procedures							
7.0 Remove rear wheel arch liners - Refer to associated procedures								
8.0 Remove all under floors - Refer to associated procedures						Completed	Not Completed	Comments
8.1	Check all visible suspension system components for correct routing, leaks and damage							
8.2	Visually check suspension bolts for secure seating							
8.3	Check Z-bar drop links and bushes for play							
8.4	Check all visible cooling system components for correct routing, leaks and damage							
8.5	Check condition of all radiators (clean as required)							
8.6	Check all visible steering components for leaks and damage							
8.7	Check engine and transmission for leaks and damage							
8.8	Replace air filter - Refer to associated procedures							
8.9	Check all visible brake system components for correct routing, leaks, and damage							
8.10	Check condition of driveshafts							
8.11	Replace engine oil and filter - Refer to associated procedures							
8.12	Visually check air conditioning condenser area for debris							
9.0 Install all under floors - Refer to associated procedures								
10.0 Install rear wheel arch liners - Refer to associated procedures						Completed	Not Completed	Comments
10.1	Install wheels - Refer to associated procedures (ensure correct tyre orientation)							
10.2	Torque wheel bolts (130 Nm)							
10.3	Check exhaust emission label (market specific)							

MECHANICAL CHECKS - SPIDER ONLY

11.0 Retractable hard top	Completed	Not Completed	Comments
11.1 Set Retractable Hard Top (RHT) to maintenance position, clean and grease rollers between shell panels with Kluber Polyub GLY 801			
11.2 Apply Carbaflo XTR5-50F lubricant on Retractable Hard Top (RHT) seals - Refer to Service Information Bulletin 11 A 041			

DYNAMIC TEST

12.0 Road test	Completed	Not Completed	Comments
12.1 Carry out road test - maximum 15 minutes/10 km (6 miles)			
12.2 Check operation of navigation system (if fitted)			

FINAL OPERATIONS

13.0 Carry out final vehicle diagnostic check using McLaren Diagnostic System (MDS)	Completed	Not Completed	Comments
13.1 Check vehicle software level (update if required)			
13.2 Read out fault memory and clear errors			
13.3 Carry out service indicator reset			
14.0 Carry out final vehicle check and documentation sign off	Completed	Not Completed	Comments
14.1 Clean key fob battery contacts with Electrolube CCS and replace key fob batteries			
14.2 Check operation of all keys, locks and key fobs			
14.3 Check expiry dates of fire extinguisher/tyre inflation kit (if fitted)			
14.4 Report and rectify all recorded defects			
14.5 Complete, sign and stamp Service and Warranty Guide			

Comments:

Technician Name:

Dealer Stamp:

Technician Signature:

ASSOCIATED PROCEDURES

Step Reference	Document Number	Document Title
2.3	AA-RM-02A02-04-003	Adjust headlamp
2.9	AA-RM-02A02-03-004	Remove/Install luggage bin - Rear
3.3	AA-RM-04F02-01-007	Check oil level
5.0	AA-RM-02A04-04-007	Lift vehicle on lifting platform
6.0, 10.1	AA-RM-03B03-01-001	Remove/Install wheel
6.2	AA-RM-03C01-01-006	Cleaning/Checking carbon ceramic brake disc (CCM) / Iron brake disc (Fe)
6.5	AA-RM-03C01-01-005	Fill/Bleed fluid - Brake system
7.0, 10.0	AA-RM-02A02-03-001	Remove/Install wheel arch liner - Rear
8.0, 9.0	AA-RM-02A04-04-001	Remove/Install floor panel - Engine / fuel tank
8.0, 9.0	AA-RM-02A04-04-002	Remove/Install floor panel - Front - 650S / 625C
8.0, 9.0	AA-RM-02A04-04-003	Remove/Install floor panel - Tunnel
8.0, 9.0	AA-RM-02A04-04-004	Remove/Install floor panel - rear diffuser
8.0, 9.0	AA-RM-02A04-04-005	Remove/Install floor panel - Rear lower extension
8.0, 9.0	AA-RM-02A04-04-008	Remove/Install floor panel - Transmission
8.0, 9.0	AA-RM-02A04-04-006	Remove/Install tyre spoilers / front guide vanes / rear guide vanes
8.8	AA-RM-04F01-02-002	Remove/Install air filter
8.11	AA-RM-04F02-01-011	Drain/Fill fluid - Engine oil
11.2	11 A 041	Retractable Hard Top seal lubricant application procedure