C.A.R.S.

CAR ALARM & RADIO SERVICES
MOBILE AUTO ELECTRICAL SPECIALISTS

INTERMITTENT FAULT DIAGNOSTIC FORM

For all vehicle makes and models

Customer:		**Registration:**	
Vehicle:		**Mileage:**	
Date:		**Technician:**	
Battery voltage:		**Fault first noticed:**	

1. CUSTOMER SYMPTOM & CONDITIONS

✓	Check / Test	Result / Notes
☐	Record the customer's description of the fault in their own words where possible.	
☐	When does it occur? Cold / hot / after driving / after sitting / random / specific conditions.	
☐	Does the fault clear itself? How long before normal operation returns?	
☐	Any recent repairs, battery work, accessories, water ingress or wiring modifications?	
☐	Can the customer demonstrate or reproduce the fault?	

2. ATTEMPT TO REPRODUCE / OBSERVE

✓	Check / Test	Result / Notes
☐	Fault reproduced: YES / NO / INTERMITTENT.	
☐	Record vehicle conditions at the time: temperature, load, speed, road conditions and electrical loads.	
☐	Record warning lamps, messages, audible alerts and instrument behaviour.	
☐	Record whether the fault affects one system, multiple systems or the whole vehicle.	

3. DIAGNOSTIC TESTS

✓	Check / Test	Result / Notes
☐	Full vehicle scan recorded before clearing DTCs.	
☐	Live data monitored during the fault or symptom reproduction attempt.	
☐	Powers, grounds and voltage drop checked under load.	
☐	Wiring / connectors inspected for movement, corrosion, water ingress or previous repair.	
☐	Wiggle / vibration / temperature / moisture testing carried out where appropriate.	
☐	Aftermarket equipment checked as a possible influence.	

4. FINDINGS / NEXT ACTION

1.	
2.	
3.	
4.	
5.	