



X-TYPE

DATE 02/02

XT418-S921

SERVICE

TECHNICAL BULLETIN

Internal Connection Issue –
Replace 20 Amp Micro Relay –
Service Action S921

MODEL 2002 MY
X-TYPE
VIN C50848-C52536

Issue:

Some 2002 MY X-TYPE vehicles within the above VIN range may have 20 Amp micro relays within the engine compartment and the passenger fuse boxes that may have a bad internal connection caused by a faulty rivet within the relay. As a result, some circuits (see table below) could operate intermittently and the vehicle could go into 'limp home mode'.

Action:

Replace all of the 20 Amp micro relays within the engine compartment fuse box and the passenger fuse box at the earliest opportunity on all 2002 MY X-TYPE vehicles within the above VIN range.

A number of vehicles have been re-worked at the factory prior to dispatch. To assist in the identification of those vehicles that require re-work action, a list of all **affected vehicles** is provided in this bulletin.

RELAYS AFFECTED:

Relay Number	Location	Circuit
R3	Engine compartment fuse box	Horn
R5	Engine compartment fuse box	Headlight power wash
R6	Engine compartment fuse box	A/C Compressor clutch
R8	Engine compartment fuse box	Transmission Control Module (TCM)
R11	Engine compartment fuse box	Throttle motor
R15	Passenger fuse box	High beam/front fog lights relay
R17	Passenger fuse box	Reverse lights
R21	Passenger fuse box	Battery saver relay

Note: All 20 Amp micro relays are black in color.



WORKSHOP PROCEDURE

Engine compartment

Note: Ensure ignition is 'OFF' before commencing with workshop procedure.

1. Open hood and fit fender protection covers.
2. Displace and reposition engine compartment fuse box door to open position.
3. Remove appropriate relays.
4. Install new relays in fuse box. Make sure they are fully seated.
5. Close fuse box door to closed position.
7. Remove fender protector covers.
8. Close hood.

Passenger compartment

Note: Ensure ignition is 'OFF' before commencing with workshop procedure.

1. Open glove box door.
2. Remove glove box access panel
3. Remove appropriate relays.
4. Install new relays in fuse box. Make sure they are fully seated.
5. Align and install glove box access panel.
6. Close glove box door.
7. Remove fender protection covers and close hood.

VEHICLES AFFECTED

Canada

C51211

Mexico

C52090 C52112 C52128 C52490

USA

C50848 C50849 C50855 C50856 C50857
C50858 C50859 C50861 C50862 C50867
C50868 C50869 C50870 C50871 C50873
C50875 C50876 C50877 C50881 C50883
C50885 C50887 C50888 C50889 C50890

C50893	C50894	C50896	C50897	C50898
C50899	C50900	C50901	C50902	C50904
C50906	C50908	C50911	C50912	C50914
C50916	C50918	C50922	C50923	C50926
C50928	C50929	C50930	C50931	C50932
<u>C50934</u>	<u>C50935</u>	<u>C50937</u>	C50938	C50940
C50941	C50943	C50944	C50945	C50946
C50947	C50949	C50950	C50952	C50953
C50956	C50958	C50959	C50961	C50962
C50964	C50965	C50967	C50968	C50971
C50973	C50974	C50976	C50977	C50979
C50980	C50983	C50988	C50989	C50991
C50994	C50996	C50998	C51001	C51003
C51004	C51005	C51007	C51009	C51010
C51011	C51013	C51014	C51015	C51016
C51017	C51018	C51019	C51023	C51024
C51025	C51026	C51028	C51029	C51031
C51032	C51034	C51035	C51037	C51039
C51040	C51041	C51043	C51047	C51048
C51049	C51052	C51053	C51055	C51058
C51059	C51061	C51062	C51065	C51066
C51068	C51070	C51078	C51079	C51080
C51081	C51082	C51084	C51086	C51087
C51089	C51090	C51092	C51095	C51098
C51101	C51102	C51104	C51108	C51110
C51116	C51120	C51122	C51124	C51126
C51127	C51128	C51130	C51132	C51138
C51140	C51142	C51146	C51148	C51154
C51159	C51160	C51165	C51167	C51168
C51174	C51176	C51179	C51181	C51182
C51183	C51188	C51194	C51198	C51201
C51212	C51215	C51216	C51217	C51219
C51229	C51235	C51243	C51245	C51248
C51249	C51251	C51253	C51256	C51257
C51272	C51278	C51279	C51280	C51285

C51289	C51297	C51382	C51388	C51394
C51410	C51428	C51434	C51458	C51469
C51490	C51492	C51504	C51567	C51575
C51642	C51669	C51675	C51724	C51740
C51752	C51754	C51800	C51811	C51814
C51848	C51858	C51875	C51878	C51898
C51906	C51936	C51968	C51982	C51999
C52008	C52021	C52024	C52025	C52028
C52029	C52034	C52038	C52040	C52042
C52046	C52048	C52052	C52079	C52082
C52094	C52102	C52108	C52110	C52118
C52120	C52134	C52136	C52185	C52189
C52199	C52221	C52229	C52247	C52286
C52292	C52297	C52304	C52306	C52318
C52361	C52363	C52364	C52366	C52370
C52420	C52428	C52452	C52455	C52461
C52465	C52475	C52476	C52481	C52482
C52484	C52485	C52487	C52489	C52493
C52494	C52497	C52511	C52530	C52535
C52536				

Parts Information:

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
20 Amp micro relay - 2.5/3.0L Auto	C2S 2675	7
20 Amp micro relay - 2.5/3.0L Auto with power wash	C2S 2675	8
20 Amp micro relay - 2.5/3.0L Manual	C2S 2675	6
20 Amp micro relay - 2.5/3.0L Manual with power wash	C2S 2675	7

Warranty Information:

Service Action S921

CURRENT SYSTEM

Warranty claims should be submitted stating S921 in place of the warranty fault code along with SRO 10 10 99/01 and part number C2S 2675.

<u>FAULT CODE</u>	<u>R.O. NUMBER</u>	<u>DESCRIPTION</u>	<u>TIME ALLOWANCE</u>
S921	10.10.99/01	Replace 20 amp microrelay	0.2 hrs.
	10.10.10	Drive in/drive out	0.1 hrs.

GLOBAL ACES

Some changes to the DDW claim submission system are to be introduced in the near future which will change the entry of some Service Action and Recall Action data. Upon introduction of the revised DDW claim submission system, the following warranty information will apply.

Warranty claims should be submitted quoting the information found in the table below. This will result in payment of the stated time and, where applicable parts/miscellaneous expense codes as listed.

Drive in/drive out may only be claimed when the vehicle has been brought in for this action alone to be undertaken.

Please use option code of X and **also enter** the SRO (s) and parts details on the claim applicable to the repair completed.

<u>Program Code</u>	<u>Option</u>	<u>Description</u>	<u>SRO</u>	<u>Time</u>	<u>Description</u>	<u>Part Number</u>	<u>Qty</u>
S921	X	Replace 20 amp micro relay	10 10 99/01	0.2	20 Amp micro relay	C2S 2675	6/7/8
S921	X	Replace 20 amp micro relay	10 10 99/01	0.2	20 Amp micro relay	C2S 2675	6/7/8
		Drive in/drive out	10 10 10	0.1			

NOTE: Always perform a DCS claim search first to determine whether this service action has been performed on this vehicle. The warranty selection under the vehicle inquiry will give a listing of all claims against the vehicle. If S921 appears in the fault code field, do not perform this service action.

DCS DEALERS

Submit claims using the appropriate summary code for the vehicle model and work performed. Follow standard campaign submission procedures.

NON-DCS DEALERS

Submit claims on the Recall Campaign Summary form W-25. Enter the appropriate summary code for the vehicle model and work performed in the Repair Code column. Do not use the W-1 warranty claim form.