



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

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

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

## 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.