

# Authorized Field Change

AFC G-07902R

**Date:** April, 2007

**Subject File:** Electrical

**Subject:** AWARE Module Replacement/Reprogramming

## DESCRIPTION

### REVISION DESCRIPTION

The AWARE module part number has been corrected.

This AFC applies to certain International models with the AWARE VEHICLE INTELLIGENCE. International Truck and Engine has determined AWARE modules may be experiencing a communication issue resulting in modules not communicating regularly. Some vehicles require only Software (SW) update, while others need a new module and Software (New Module and SW update). The VIN list below describes which repair the AWARE module requires.

**Table 1**

Chassis	FIELD ACTION		Chassis	FIELD ACTION
1H275834	New Module And SW Update		6J361268	SW Update Only
1H311695	SW Update Only		6L191721	New Module And SW Update
1H364822	SW Update Only		6L197773	SW Update Only
1H388217	SW Update Only		6L379585	SW Update Only
1H393229	SW Update Only		7A345054	SW Update Only
1J002401	SW Update Only		7A346955	SW Update Only
1N044091	New Module And SW Update		7A351925	New Module And SW Update
2H411037	SW Update Only		7A367939	SW Update Only
2H411795	SW Update Only		7A452819	SW Update Only
2H412342	SW Update Only		7A491456	SW Update Only
2H530397	New Module And SW Update		7A492251	SW Update Only
2H536161	SW Update Only		7B427165	SW Update Only
3H529510	SW Update Only		7B427166	SW Update Only
3H557466	SW Update Only		7B427167	SW Update Only
3H570244	SW Update Only		7B427531	SW Update Only
3H579192	New Module And SW Update		7B427532	SW Update Only
3H598934	SW Update Only		7B427568	SW Update Only
3J069222	New Module And SW Update		7B455964	SW Update Only

## DESCRIPTION (CONT.)

Chassis	FIELD ACTION		Chassis	FIELD ACTION
3J069223	New Module And SW Update		7B474088	SW Update Only
3J073243	SW Update Only		7B487911	SW Update Only
3J074628	SW Update Only		7B487912	SW Update Only
3J074801	SW Update Only		7B487913	SW Update Only
3J075635	New Module And SW Update		7B487914	SW Update Only
3N051768	SW Update Only		7B487915	SW Update Only
3N054970	SW Update Only		7B487916	SW Update Only
3N054971	SW Update Only		7B487917	SW Update Only
4H578815	New Module And SW Update		7B487918	SW Update Only
4H578896	New Module And SW Update		7B487919	SW Update Only
4H606074	New Module And SW Update		7B487920	SW Update Only
4H608704	New Module And SW Update		7B487921	SW Update Only
4H612046	SW Update Only		7B487922	SW Update Only
4H612047	SW Update Only		7B487923	SW Update Only
4H618931	SW Update Only		7B487924	SW Update Only
4H618933	SW Update Only		7B487925	SW Update Only
4H619011	New Module And SW Update		7B487929	SW Update Only
4H652742	New Module And SW Update		7B487930	SW Update Only
4H655244	New Module And SW Update		7C380181	SW Update Only
4H655245	New Module And SW Update		7C403346	SW Update Only
4H655248	New Module And SW Update		7C403347	SW Update Only
4H672273	SW Update Only		7C403356	SW Update Only
4H678200	New Module And SW Update		7C424639	SW Update Only
4H680121	New Module And SW Update		7C466258	SW Update Only
4H680157	New Module And SW Update		7C469773	SW Update Only
4J016680	New Module And SW Update		7C469777	SW Update Only
4J087148	SW Update Only		7C469778	SW Update Only
4N015979	SW Update Only		7C469779	SW Update Only
4N016142	SW Update Only		7C469780	SW Update Only
4N094296	SW Update Only		7C469783	SW Update Only
5A982637	SW Update Only		7C530781	SW Update Only
5A982638	SW Update Only		7C530782	SW Update Only
5A982639	SW Update Only		7H349702	SW Update Only
5A982640	SW Update Only		7H351969	SW Update Only

## DESCRIPTION (CONT.)

Chassis	FIELD ACTION		Chassis	FIELD ACTION
5A982641	SW Update Only		7H361101	SW Update Only
5A982642	SW Update Only		7H361102	SW Update Only
5A982643	SW Update Only		7H361103	SW Update Only
5A982644	SW Update Only		7H361104	SW Update Only
5A982645	SW Update Only		7H361105	SW Update Only
5A982646	SW Update Only		7H361106	SW Update Only
5B978565	New Module And SW Update		7H361561	SW Update Only
5B979106	SW Update Only		7H362736	SW Update Only
5C000693	New Module And SW Update		7H369017	SW Update Only
5C000694	New Module And SW Update		7H373723	SW Update Only
5C158814	SW Update Only		7H373892	SW Update Only
5C182580	SW Update Only		7H402946	SW Update Only
5C186161	New Module And SW Update		7H402947	SW Update Only
5C196332	New Module And SW Update		7H402948	SW Update Only
5H104798	SW Update Only		7H402949	SW Update Only
5H107311	SW Update Only		7H403293	SW Update Only
5H107313	SW Update Only		7H403294	SW Update Only
5H107322	SW Update Only		7H405703	SW Update Only
5H111754	New Module And SW Update		7H406328	SW Update Only
5H112944	New Module And SW Update		7H410624	SW Update Only
5H113306	SW Update Only		7H410625	SW Update Only
5H116761	New Module And SW Update		7H410626	SW Update Only
5H121387	New Module And SW Update		7H410627	SW Update Only
5H121515	SW Update Only		7H410628	SW Update Only
5H121518	SW Update Only		7H410754	SW Update Only
5H123317	New Module And SW Update		7H411125	SW Update Only
5H149173	SW Update Only		7H411126	SW Update Only
5H152825	New Module And SW Update		7H416895	SW Update Only
5H152826	New Module And SW Update		7H417082	SW Update Only
5H153106	New Module And SW Update		7H424060	SW Update Only
5H680980	SW Update Only		7H429953	SW Update Only
5H681349	SW Update Only		7H431006	SW Update Only
5H687903	SW Update Only		7H431007	SW Update Only
5H691973	New Module And SW Update		7H431008	SW Update Only

## DESCRIPTION (CONT.)

Chassis	FIELD ACTION		Chassis	FIELD ACTION
5H694216	SW Update Only		7H431411	SW Update Only
5H698317	SW Update Only		7H431412	SW Update Only
5H698318	New Module And SW Update		7H431414	SW Update Only
5H699830	SW Update Only		7H431416	SW Update Only
5J003436	New Module And SW Update		7H431417	SW Update Only
5J029990	SW Update Only		7H431418	SW Update Only
5J044403	New Module And SW Update		7H434693	SW Update Only
5J045097	SW Update Only		7H434695	SW Update Only
5J049109	New Module And SW Update		7H434696	SW Update Only
5J049948	SW Update Only		7H434701	SW Update Only
5J153097	SW Update Only		7H434703	SW Update Only
5N009647	SW Update Only		7H434704	SW Update Only
5N029015	SW Update Only		7H434705	SW Update Only
5N044370	SW Update Only		7H434706	SW Update Only
6A179825	New Module And SW Update		7H434707	SW Update Only
6A179826	New Module And SW Update		7H434708	SW Update Only
6A234020	SW Update Only		7H434716	SW Update Only
6A234024	SW Update Only		7H434717	SW Update Only
6A234058	SW Update Only		7H434718	SW Update Only
6A234059	SW Update Only		7H434719	SW Update Only
6A234062	SW Update Only		7H434721	SW Update Only
6A237146	SW Update Only		7H434722	SW Update Only
6A237156	SW Update Only		7H434724	SW Update Only
6A237158	SW Update Only		7H437046	SW Update Only
6A237165	SW Update Only		7H439861	SW Update Only
6B208688	SW Update Only		7H439862	SW Update Only
6B226057	SW Update Only		7H439863	SW Update Only
6B226058	SW Update Only		7H439899	SW Update Only
6B226059	SW Update Only		7H439900	SW Update Only
6B231641	SW Update Only		7H439901	SW Update Only
6C213518	SW Update Only		7H439902	SW Update Only
6C236239	SW Update Only		7H439903	SW Update Only
6C256983	SW Update Only		7H439904	SW Update Only
6C265493	New Module And SW Update		7H439905	SW Update Only

## DESCRIPTION (CONT.)

Chassis	FIELD ACTION		Chassis	FIELD ACTION
6C265494	New Module And SW Update		7H439906	SW Update Only
6C265495	New Module And SW Update		7H439908	SW Update Only
6C265496	New Module And SW Update		7H439909	SW Update Only
6C265497	New Module And SW Update		7H439910	SW Update Only
6C265498	New Module And SW Update		7H444282	SW Update Only
6C265499	New Module And SW Update		7H448594	SW Update Only
6C265500	New Module And SW Update		7H449595	SW Update Only
6C265501	New Module And SW Update		7H449819	SW Update Only
6C265502	New Module And SW Update		7H449820	SW Update Only
6C265503	New Module And SW Update		7H449821	SW Update Only
6C265504	New Module And SW Update		7H454211	SW Update Only
6C265505	New Module And SW Update		7H454212	SW Update Only
6C265506	New Module And SW Update		7H454213	SW Update Only
6C265507	New Module And SW Update		7H457331	SW Update Only
6C299851	New Module And SW Update		7H457347	SW Update Only
6C299852	New Module And SW Update		7H469670	SW Update Only
6C299853	New Module And SW Update		7H469743	SW Update Only
6C302397	SW Update Only		7H470293	SW Update Only
6C346714	SW Update Only		7H471830	SW Update Only
6C346715	SW Update Only		7H471832	SW Update Only
6C346716	SW Update Only		7H471833	SW Update Only
6C352123	SW Update Only		7H471834	SW Update Only
6C361316	SW Update Only		7H471836	SW Update Only
6H179965	SW Update Only		7H471840	SW Update Only
6H184607	SW Update Only		7H484753	SW Update Only
6H187072	New Module And SW Update		7H484754	SW Update Only
6H187343	SW Update Only		7H489267	SW Update Only
6H188172	New Module And SW Update		7H493881	SW Update Only
6H199214	SW Update Only		7H494311	SW Update Only
6H199216	SW Update Only		7H502091	SW Update Only
6H200533	New Module And SW Update		7H513662	SW Update Only
6H224281	SW Update Only		7J373545	SW Update Only
6H225695	New Module And SW Update		7J389530	SW Update Only
6H228519	New Module And SW Update		7J389532	SW Update Only

## DESCRIPTION (CONT.)

Chassis	FIELD ACTION		Chassis	FIELD ACTION
6H228520	New Module And SW Update		7J389535	SW Update Only
6H228521	SW Update Only		7J396986	SW Update Only
6H228522	New Module And SW Update		7J399562	SW Update Only
6H228523	New Module And SW Update		7J399563	SW Update Only
6H228524	New Module And SW Update		7J399564	SW Update Only
6H228525	New Module And SW Update		7J399565	SW Update Only
6H228526	New Module And SW Update		7J399566	SW Update Only
6H233763	SW Update Only		7J399567	SW Update Only
6H236237	SW Update Only		7J399568	SW Update Only
6H249721	New Module And SW Update		7J399569	SW Update Only
6H251265	SW Update Only		7J399570	SW Update Only
6H263917	New Module And SW Update		7J399571	SW Update Only
6H269247	SW Update Only		7J399572	SW Update Only
6H286071	SW Update Only		7J399573	SW Update Only
6H306788	New Module And SW Update		7J399574	SW Update Only
6H306789	New Module And SW Update		7J399575	SW Update Only
6H313590	SW Update Only		7J399576	SW Update Only
6H313597	SW Update Only		7J410693	SW Update Only
6H313604	SW Update Only		7J410694	SW Update Only
6H318557	New Module And SW Update		7J410695	SW Update Only
6H319480	SW Update Only		7J410696	SW Update Only
6H319481	SW Update Only		7J422844	SW Update Only
6H319573	New Module And SW Update		7J427186	SW Update Only
6H320709	SW Update Only		7J429751	SW Update Only
6H321957	New Module And SW Update		7J429752	SW Update Only
6H321958	New Module And SW Update		7J430397	SW Update Only
6H324539	SW Update Only		7J430398	SW Update Only
6H324540	SW Update Only		7J430399	SW Update Only
6H324541	SW Update Only		7J432916	SW Update Only
6H324542	SW Update Only		7J434334	SW Update Only
6H324543	SW Update Only		7J434335	SW Update Only
6H324545	SW Update Only		7J434336	SW Update Only
6H324546	SW Update Only		7J434337	SW Update Only
6H324547	New Module And SW Update		7J436951	SW Update Only

## DESCRIPTION (CONT.)

Chassis	FIELD ACTION		Chassis	FIELD ACTION
6H326419	SW Update Only		7J436952	SW Update Only
6H326422	SW Update Only		7J436953	SW Update Only
6H326540	New Module And SW Update		7J436954	SW Update Only
6H335262	SW Update Only		7J438966	SW Update Only
6H340956	New Module And SW Update		7J444823	SW Update Only
6H340957	New Module And SW Update		7J445533	SW Update Only
6H340958	New Module And SW Update		7J464879	SW Update Only
6H340980	New Module And SW Update		7J465004	SW Update Only
6J155735	New Module And SW Update		7J471838	SW Update Only
6J199251	New Module And SW Update		7J473700	SW Update Only
6J258356	SW Update Only		7J473701	SW Update Only
6J258495	SW Update Only		7J524663	SW Update Only
6J258499	SW Update Only		7J524664	SW Update Only
6J258509	SW Update Only		7J524665	SW Update Only
6J262018	New Module And SW Update		7J524666	SW Update Only
6J264198	SW Update Only		7J524667	SW Update Only
6J298329	New Module And SW Update		7J524668	SW Update Only
6J298330	New Module And SW Update		7J524669	SW Update Only
6J298331	New Module And SW Update		7J524670	SW Update Only
6J298332	New Module And SW Update		7J524671	SW Update Only
6J298333	New Module And SW Update		7J524672	SW Update Only
6J298334	New Module And SW Update		7J524673	SW Update Only
6J298335	New Module And SW Update		7J524674	SW Update Only
6J298336	New Module And SW Update		7J524675	SW Update Only
6J298337	New Module And SW Update		7J524676	SW Update Only
6J298338	New Module And SW Update		7J524677	SW Update Only
6J302401	New Module And SW Update		7J524678	SW Update Only
6J302403	New Module And SW Update		7J524679	SW Update Only
6J302406	New Module And SW Update		7L417572	SW Update Only
6J305491	New Module And SW Update		PH490692	New Module And SW Update
6J305615	New Module And SW Update		SH695452	SW Update Only
6J318558	SW Update Only		WC053211	SW Update Only
6J324246	SW Update Only		WH557981	SW Update Only
6J335518	SW Update Only		WH606176	SW Update Only

## DESCRIPTION (CONT.)

Chassis	FIELD ACTION		Chassis	FIELD ACTION
6J336985	SW Update Only		XC027482	New Module And SW Update
6J338314	New Module And SW Update		XC070382	SW Update Only
6J338316	New Module And SW Update		XH205789	SW Update Only
6J338319	New Module And SW Update		XH623010	New Module And SW Update
6J338323	New Module And SW Update		XH658793	New Module And SW Update
6J338370	New Module And SW Update		XH684242	New Module And SW Update
6J338371	New Module And SW Update		YH231971	SW Update Only
6J338380	New Module And SW Update		YH276886	New Module And SW Update
6J338382	SW Update Only		YH280478	SW Update Only
6J338383	New Module And SW Update		YH281385	New Module And SW Update
6J340963	SW Update Only		YJ063177	SW Update Only
6J347745	SW Update Only		YN061491	SW Update Only
6J360899	SW Update Only			

## PARTS INFORMATION

Following part number is only for VIN's requiring the new module.

Table 2

Part Number	Description	Quantity
3620482C91	AWARE Module	1

## SERVICE PROCEDURE



**WARNING** – To avoid personal injury or death, shift transmission to park or neutral, set parking brake, and block wheels before doing diagnostic or service procedures.



**WARNING** – To prevent personal injury or death, remove ground cable from negative terminal of main battery before disconnecting electrical components. Always connect ground cable last.

### Module Replacement

1. Call AWARE Customer Support 1-888-883-5362 to ensure maintenance of historical AWARE data.
2. Disconnect the negative battery cable(s) at the battery box.



## SERVICE PROCEDURE (CONT.)

3. Locate AWARE Module — location varies by truck model (see section 4 of the installation manual)
4. Disconnect GPS Antenna and Cellular Antenna.
5. Remove four fastening bolts from AWARE Module.
6. Disconnect AWARE Module from the AWARE telematics harness disconnecting the two Deutsch connectors (J1 and J2 Connector) and remove module.
7. Connect the AWARE telematics harness to the new AWARE module with the two Deutsch connectors. The connectors are keyed and should be aligned before inserting.
8. Secure new AWARE module with four fastening bolts.
9. Connect GPS Antenna and Cellular Antenna.

### Module Reprogramming

Follow sections 9–11 of AWARE module installation manual (<https://evaluate.internationaldelivers.com/customer/telematicscustomer/telwcmmsg/>) to update software and activate module-high level steps listed below.

9. Software Upgrade.
10. Configuration
  - 10.1 Download templates
  - 10.2 Import Templates into Diamond Logic Builder
  - 10.3 Apply Templates to module
  - 10.4 Program Templates to module
11. Activation

**IMPORTANT- Please call AWARE CUSTOMER SUPPORT at 1-888-883-5362 option 4 to confirm module is communicating correctly.**

Operation number must appear on all claims.

**Table 3 Labor Information**

Operation No.	Description	Time
A40-07902-1	New Module and Software Update	1.0
A40-07902-2	Software Update only	0.7

### ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number G-07902

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Manual, Section 7-1. Special attention should be given to Items 39 through 44.

To assure this important improvement is made in a timely manner, all claims for G-07902 activity must be submitted by April 30, 2008 or within the normal warranty period for the vehicle, if after April 30, 2008.

GROUP	NOUN	C	WARR.	TP	PAD
GROUP Enter number G—	NOUN Leave blank	C (CAUSE) Enter either 1, 2, 3. (see below)	WARRANTY (Warranty Code) Enter 40.	TYPE PART Enter P for type part causing failure.	PAD Enter 100
		1. Inspected (No repair required).			
		2. Inspected and repaired.			
		3. Defective part from parts stock.			

Distribution: All except J-81  
Reproduction: Not required.