

Please route to:

Init.

Service

Sales

Parts



No. **99-1**

Date: September 23, 1998

SUBJECT: MPEM Programmer Update Diskette (version 2.8)

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
1999	All (with DESS system)	All (with DESS system)	All

A new software (version 2.8) to update the MPEM programmer will be automatically shipped for the above mentioned models, to the Ski-Doo authorized dealers only. Ski-Doo/Sea-Doo authorized dealers having already received it.

SHIPMENT

The update diskette shipment has started on September 14, 1998 as a mandatory tool requirement.

UPDATING PROCEDURE

Hardware

Plug the MPEM cable to the MPEM programmer to be updated.



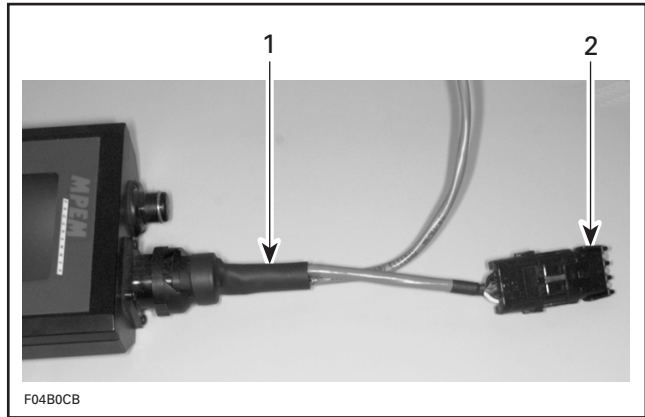
1. Update diskette (version 2.8)

One diskette can update all programmers at dealer or distributor locations.

PART

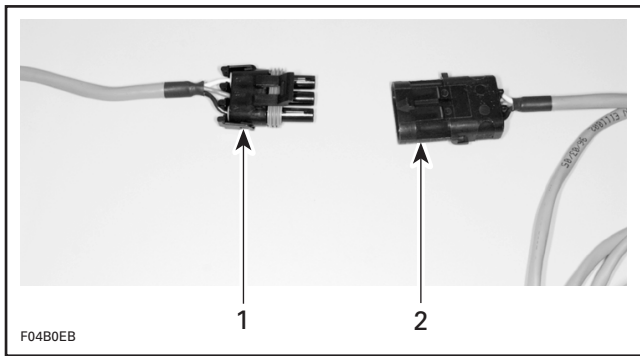
DESCRIPTION	P/N	QTY
Diskette V 2.8	219 700 133	1

Follow the installation instructions written on the diskette label or the "Updating Procedure" on the present *Bulletin* to update the MPEM.



1. MPEM cable plugged to MPEM programmer
2. Remove dust plug

Remove dust plug from 3-connector housing and connect to 3-connector housing on harness going to computer.



1. Update cable
2. MPEM cable

Insert the 1.44 Mb diskette into disk drive.

Software

NOTE: Do not turn on programmer at this point.

MS-DOS Version (3.3 or higher)

Type: A: INSTALL then press **ENTER** (where A: is the drive letter of your disk drive).

MICROSOFT WINDOWS (version 3.1 or higher) and WINDOWS 95.

Select Drive A from File Manager Program.

Select efp (english-french procedure) or esp (english-spanish procedure).

Open FILE mpemup.exe.

When INFORMATION Dialog box appears on the screen, press **ENTER**.

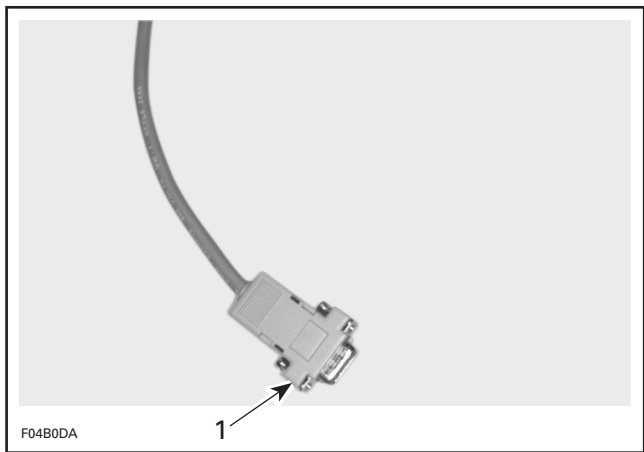
Press **F-10** and press **→** to highlight MPEM at the top left screen, then press **ENTER**.

Select Software Upgrade then press **ENTER**.

At this point, make sure the MPEM programmer is turned off.

Connect the Update Cable to Serial port, (COM 1 or COM 2 port) of an IBM Microcomputer, or IBM-Compatible computer.

Press **ALT-P**.



1. Update cable connector

Turn MPEM programmer on.

MPEM programmer should emit 2 short beeps. If not, check connection.

The message "Active RS-232 COMMUNICATION" will appear on the MPEM programmer display.

The computer screen will show 3 uploading levels that will count up to 100 percent each then stop.

This procedure will take from 3 to 5 minutes.

A message "the upload operation is successful" will appear when operation is complete.

Press **ENTER** to confirm uploading operation in programmer.

Upgrade is now completed. To exit program, press **ALT-X**.

To continue updating other MPEM programmers, repeat the procedure.

Reinstall dust plug.

Use the existing cable once programmer has been updated.

COMMUNICATION WITH VEHICLES

When programming all involved models, the engine will have to run while transferring information.

Before proceeding, it is recommended to bring the engine to normal operating temperature and set the idle speed to 2500 RPM minimum.

NOTE: Do not exceed 3000 RPM to avoid clutch engagement.

NOTE: While transfer is being performed, engine misfiring may be encountered. If engine stalls, re-start programming procedure from beginning.

Please route to:

<input type="checkbox"/> Service	<input type="checkbox"/> Init.
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



No. **99-2**

Date: November 9, 1998

SUBJECT: RPO Report Form

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
All	All	All	All

In its concern to improve the quality and the performance of its products, Bombardier Inc. will provide a RPO (Report on Performance or Quality) report form to all Ski-Doo dealers.

This form is to be completed by dealers wishing to report any technical problems encountered during the preparation, maintenance and use of the vehicle under normal or specific conditions.

Suggestions regarding tools, accessories or special applications can also be reported on this form.

Dealers are asked to fill out this report data sheet and send it by mail or FAX to the attention of their service representative.

The information received with this report will be forwarded to the proper department for analysis.

Attached is a sample of this new report form which is available now.

Additional forms (pad of 50 forms) can be ordered, without any charge, through the regular parts channel under part number 484 300 084.



BOMBARDIER
RECREATIONAL PRODUCTS

**REPORT ON PERFORMANCE/QUALITY
(FROM DEALER)**



N.B. If fields with grey headings are not completed, the report can not be processed!

DATE (YEAR-MONTH-DAY)		REPORTED BY First Name: Last Name:		DEALER'S NUMBER (999999)		CONTACT First Name: Last Name:	
ENVIRONNEMENT				CIRCLE THE APPLICABLE SYSTEM			
1.1 During PDI		1.5 Trail not Maintained		2.1 Powder		07 Steering System	
1.2 Freight Damage		1.6 Lake		2.2 Hard Pack		08 Suspension	
1.3 Open Fields		1.7 Mountains		2.3 Icy		09 Body	
1.4 Groomed Trails		1.8 Race Track		2.4 Marginal		10 Crate/Accessories/ Special Tools	
N.A.*		N.A.*		N.A.*		11 N.A.	
OUTSIDE TEMPERATURE		Select Measure <input type="checkbox"/> F <input type="checkbox"/> C		SPEED		05 Transmission	
				Select Measure <input type="checkbox"/> km/h <input type="checkbox"/> MPH		06 Brake System	
MODEL NUMBER (9999)		SERIAL NUMBER (99999)		MILEAGE		RPM	
				Select Measure <input type="checkbox"/> km <input type="checkbox"/> m.		PART NUMBER (999 999 999)	
PROBLEM DESCRIPTION							
CORRECTIVE ACTION TAKEN							
COMMENTS/OTHER OBSERVATIONS							

Please route to:

	Init.
<input type="checkbox"/> Service	<input type="checkbox"/>
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



No. **99-3**

Date: December 3, 1998

SUBJECT: Studded Track

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
All	All	All	All

Here is the studded track policy referred to during the 1999 one-day schools given to the dealers of our network.

Bombardier hereby wishes to clarify and formally notify its authorized SKI-DOO® dealers of an important directive concerning the installation and the use of studs and/or any other traction product on tracks for snowmobiles.

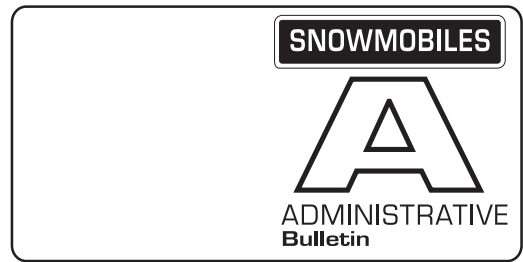
The installation of studs and/or any other traction product to a track for snowmobile in whatever quantity is a modification of our SKI-DOO snowmobiles. Neither Bombardier nor its track supplier approve such modification.

Bombardier also wishes to remind authorized SKI-DOO® dealers that the installation of studs and/or any other traction product is an exclusion under the Bombardier limited warranty and will void the track warranty coverage. No warranty claim, for repair, replacement or otherwise, either as a result of the installation of track studs and/or any other traction product or of the presence of studs and/or any other traction product on the track, will be honored.

Any dealer, technician, individual who modifies the product, as outlined hereinabove, should remember that such act and the consequences thereof are done under his sole responsibility and nothing shall be deemed to constitute any representation made by or endorsed by Bombardier; and may violate applicable laws.

Please route to:

<input type="checkbox"/> Service	<input type="checkbox"/> Init.
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



No. **99-4**

Date: December 29, 1998

SUBJECT: Mandatory Parts Return

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
All	All	All	All

Please note that effective immediately and for a limited time, the following parts are required for return when warranty-replaced. These electric and electronic parts are required for inspection and Quality Assurance purposes. You will notice that these parts will be marked as **"To Be Returned"** in your B.O.S.S. claim acknowledgments.

For parts return procedures, please refer to your *"North American Dealer Warranty Guide"*. Please note that claims may be debited if parts are not returned within 21 days of claim submission.

When these parts are no longer required, you will notice that the **"To Be Returned"** message will no longer appear in your B.O.S.S. claim acknowledgments.

Thank you for your cooperation.

DESCRIPTION	P/N
Calibrated MPEM	512 058 969
Calibrated RER CDI	512 059 000
Calibrated RER CDI	512 059 001
Calibrated	512 059 002
Calibrated RER CDI	512 059 003
CDI	415 080 400
CDI	415 082 800
CDI	512 058 927
Cluster	515 167 700
Cluster	515 167 800
Magneto Ass'y no-RER	410 922 910
Magneto Ass'y RER	410 922 912

DESCRIPTION	P/N
MPEM	512 058 935
MPEM	512 058 936
MPEM	512 058 937
MPEM	512 058 938
MPEM	512 058 939
MPEM	512 058 970
MPEM	512 059 019
MPEM	512 059 079
MPEM	512 059 080
MPEM	515 175 364
MPEM	515 175 365
MPEM	515 175 366
Rectifier	515 175 214
Rectifier	515 175 215
Rectifier	515 175 216
Rectifier	515 175 217
RER CDI	512 058 941
RER CDI	515 175 300
Rotor	410 922 917
Rotor	410 922 920
Stator no-RER	410 922 916
Stator RER	410 922 919
Switch Module	515 175 155

Please route to:

<input type="checkbox"/> Service	<input type="checkbox"/> Init.
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



No. **99-5**

Date: October 29, 1999

SUBJECT: Limited Warranty Extension

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
1999	Grand Touring* SE	1375/1376	Refer to attached listing for involved units

THIS OFFER IS VALID ON REGISTERED UNITS ONLY

On above mentioned units, the limited warranty is extended for four (4) months from the ending date of the original limited warranty coverage, **not to exceed March 31st, 2000, on engine related problems only.**

A letter, copy of which is attached, has been sent to registered owners to inform them of this special limited warranty extension.

Please advise all involved personnel.

SERIAL NUMBER LISTING OF INVOLVED VEHICLES

1375

00003	00049	00094	00139	00188	00237	00284
00004	00050	00095	00140	00189	00238	00285
00006	00051	00096	00141	00190	00239	00286
00007	00052	00097	00142	00191	00240	00287
00008	00053	00098	00144	00192	00242	00288
00009	00055	00100	00145	00194	00244	00289
00010	00056	00101	00146	00195	00245	00290
00011	00057	00102	00147	00197	00246	00291
00012	00058	00103	00149	00198	00248	00292
00013	00059	00104	00150	00199	00249	00294
00014	00060	00105	00151	00200	00250	00295
00015	00061	00106	00152	00201	00251	00296
00016	00062	00107	00153	00202	00252	00297
00017	00063	00108	00154	00203	00253	00298
00018	00064	00109	00156	00204	00254	00299
00019	00065	00110	00158	00205	00255	00300
00020	00066	00111	00159	00207	00256	00301
00021	00067	00112	00160	00208	00257	00302
00022	00068	00113	00161	00210	00258	00303
00023	00069	00114	00162	00211	00260	00306
00024	00071	00115	00163	00212	00262	00307
00025	00072	00116	00165	00213	00263	00308
00026	00073	00117	00166	00214	00264	00309
00027	00074	00121	00167	00215	00265	00310
00028	00075	00122	00168	00216	00266	00311
00030	00077	00123	00169	00217	00267	00312
00032	00078	00125	00170	00219	00268	00313
00033	00081	00126	00171	00220	00269	00314
00034	00082	00127	00172	00222	00270	00315
00035	00083	00128	00173	00224	00271	00316
00036	00084	00129	00174	00225	00272	00317
00037	00085	00130	00175	00226	00273	00318
00038	00086	00131	00176	00227	00274	00319
00039	00087	00132	00177	00228	00275	00320
00040	00088	00133	00179	00229	00276	00321
00041	00089	00134	00181	00231	00277	00322
00043	00090	00135	00183	00233	00279	00323
00044	00091	00136	00185	00234	00280	00324
00046	00092	00137	00186	00235	00281	00326
00047	00093	00138	00187	00236	00283	00327

00329	00378	00424	00482	00537	00593	00646
00330	00379	00426	00483	00538	00594	00647
00331	00380	00428	00485	00539	00595	00648
00333	00381	00429	00486	00540	00596	00649
00334	00382	00431	00487	00541	00597	00651
00335	00383	00432	00488	00542	00598	00653
00336	00384	00433	00489	00545	00600	00654
00337	00385	00434	00491	00548	00601	00655
00338	00386	00435	00492	00549	00602	00656
00339	00387	00436	00493	00551	00603	00658
00340	00388	00437	00494	00552	00606	00659
00341	00390	00438	00496	00553	00607	00660
00342	00391	00439	00497	00556	00608	00661
00343	00392	00441	00498	00557	00609	00662
00344	00393	00444	00499	00558	00610	00663
00346	00395	00445	00500	00559	00612	00664
00347	00396	00446	00501	00560	00613	00665
00348	00397	00447	00503	00562	00614	00666
00349	00398	00448	00504	00563	00615	00667
00351	00399	00449	00505	00564	00616	00668
00352	00401	00450	00506	00565	00617	00669
00354	00402	00451	00509	00566	00618	00670
00355	00403	00452	00510	00567	00619	00671
00356	00404	00454	00511	00568	00620	00672
00357	00405	00457	00512	00569	00621	00673
00358	00406	00458	00513	00570	00622	00674
00359	00407	00459	00514	00572	00623	00675
00360	00408	00460	00516	00573	00625	00676
00361	00409	00461	00517	00575	00626	00677
00363	00410	00463	00518	00576	00627	00679
00364	00411	00464	00519	00578	00628	00682
00365	00412	00465	00521	00579	00631	00683
00366	00413	00467	00522	00580	00633	00684
00368	00414	00470	00524	00581	00634	00685
00369	00415	00471	00525	00582	00635	00686
00370	00416	00472	00526	00583	00636	00687
00371	00417	00473	00528	00584	00637	00689
00372	00418	00474	00529	00585	00638	00691
00373	00419	00475	00530	00586	00639	00692
00374	00420	00476	00532	00587	00640	00694
00375	00421	00478	00533	00590	00641	00695
00376	00422	00480	00535	00591	00642	00696
00377	00423	00481	00536	00592	00645	00697

00698	00748	00797	00848	00897	00948	01000
00699	00749	00798	00850	00898	00950	01001
00700	00751	00799	00851	00899	00952	01002
00701	00752	00801	00852	00900	00953	01003
00702	00753	00802	00853	00901	00954	01004
00704	00754	00803	00854	00902	00955	01006
00705	00755	00804	00855	00903	00956	01008
00706	00756	00805	00856	00904	00957	01009
00707	00757	00806	00858	00905	00958	01010
00708	00758	00808	00859	00906	00959	01012
00709	00759	00809	00860	00907	00960	01013
00710	00760	00810	00861	00909	00961	01015
00711	00762	00811	00862	00910	00962	01016
00712	00763	00812	00863	00911	00964	01017
00713	00764	00814	00864	00912	00965	01018
00714	00765	00815	00865	00914	00966	01019
00715	00766	00817	00866	00915	00967	01020
00716	00767	00818	00867	00916	00968	01021
00717	00769	00819	00868	00917	00970	01022
00718	00770	00821	00869	00918	00971	01023
00719	00771	00822	00870	00920	00972	01024
00720	00772	00824	00871	00921	00974	01025
00721	00773	00825	00874	00922	00975	01026
00722	00774	00826	00875	00923	00976	01027
00723	00775	00827	00876	00924	00977	01029
00724	00776	00828	00877	00925	00978	01031
00725	00777	00829	00878	00927	00979	01032
00727	00778	00831	00879	00928	00980	01033
00728	00779	00833	00880	00929	00981	01034
00729	00780	00834	00881	00930	00983	01036
00730	00782	00835	00882	00931	00984	01037
00731	00783	00836	00883	00932	00987	01038
00733	00784	00837	00884	00933	00988	01039
00735	00786	00838	00885	00935	00989	01040
00737	00787	00839	00886	00936	00990	01041
00739	00788	00840	00887	00939	00991	01044
00740	00789	00841	00890	00940	00992	01045
00741	00790	00842	00891	00941	00993	01047
00742	00791	00843	00892	00942	00994	01048
00743	00792	00844	00893	00943	00995	01049
00744	00794	00845	00894	00945	00996	01050
00745	00795	00846	00895	00946	00997	01051
00746	00796	00847	00896	00947	00998	01052

01054	01109	01160	01222	01270	01319	01371
01056	01111	01162	01223	01271	01320	01372
01057	01112	01163	01224	01272	01321	01373
01058	01115	01164	01225	01273	01322	01374
01059	01116	01165	01226	01274	01323	01375
01060	01117	01166	01227	01275	01324	01376
01061	01118	01169	01228	01276	01325	01377
01062	01119	01170	01229	01278	01326	01378
01063	01121	01172	01230	01279	01327	01379
01065	01122	01173	01231	01280	01328	01380
01067	01123	01174	01232	01282	01329	01381
01068	01124	01175	01233	01283	01331	01383
01070	01126	01176	01234	01284	01332	01385
01071	01127	01177	01235	01285	01333	01386
01072	01128	01178	01236	01286	01334	01387
01073	01129	01179	01237	01287	01335	01388
01074	01130	01180	01238	01288	01336	01389
01075	01133	01181	01240	01289	01337	01390
01077	01134	01184	01241	01290	01338	01392
01079	01135	01185	01242	01291	01339	01394
01080	01136	01186	01243	01292	01341	01395
01081	01137	01187	01244	01293	01342	01396
01082	01138	01188	01245	01294	01343	01397
01083	01139	01190	01246	01295	01344	01398
01084	01140	01191	01247	01296	01348	01399
01085	01141	01192	01248	01297	01349	01400
01086	01142	01193	01249	01299	01351	01401
01087	01143	01194	01250	01300	01352	01402
01089	01144	01196	01251	01301	01353	01403
01091	01145	01198	01252	01303	01354	01404
01093	01146	01199	01253	01304	01355	01405
01094	01147	01200	01254	01305	01357	01406
01095	01148	01201	01255	01306	01359	01407
01096	01149	01207	01256	01307	01360	01408
01098	01150	01209	01257	01308	01361	01409
01099	01151	01210	01258	01309	01362	01410
01100	01153	01213	01261	01310	01363	01411
01102	01154	01214	01263	01311	01364	01412
01103	01155	01215	01264	01312	01365	01413
01104	01156	01216	01266	01314	01366	01414
01105	01157	01218	01267	01315	01367	01415
01107	01158	01220	01268	01317	01368	01416
01108	01159	01221	01269	01318	01370	01418

01419	01434	01452	01464	01477	01491	01505
01420	01437	01454	01465	01478	01492	01506
01421	01439	01455	01466	01479	01494	01508
01423	01440	01456	01467	01480	01495	01509
01424	01442	01457	01468	01481	01496	01510
01425	01443	01458	01469	01482	01498	01511
01426	01444	01459	01470	01483	01499	
01427	01445	01460	01471	01486	01501	
01428	01448	01461	01474	01488	01502	
01429	01449	01462	01475	01489	01503	
01432	01451	01463	01476	01490	01504	

1376

00001	00042	00093	00136
00003	00043	00094	00137
00004	00049	00095	00138
00006	00050	00096	00139
00007	00051	00097	00140
00008	00052	00098	00141
00009	00054	00101	00143
00012	00055	00102	00145
00013	00057	00103	00146
00015	00058	00105	00148
00017	00059	00106	
00018	00060	00107	
00020	00061	00108	
00021	00065	00109	
00022	00066	00113	
00023	00067	00114	
00024	00070	00115	
00025	00071	00116	
00027	00072	00117	
00028	00073	00118	
00029	00074	00119	
00030	00075	00120	
00032	00076	00121	
00033	00078	00124	
00034	00081	00125	
00035	00083	00126	
00036	00085	00128	
00037	00087	00129	
00039	00088	00131	
00041	00090	00135	



October 29, 1999

BOMBARDIER
RECREATIONAL PRODUCTS

Bombardier Inc.

565, de la Montagne
Valcourt, Québec, Canada J0E 2L0
Telephone 1(450) 532-2211
Fax 1(450) 532-5032
<http://www.recreation.bombardier.com>

Dear Customer:

Our records show that you own a 1999 Grand Touring SE, the best touring sled on the market.

At the end of last season, we issued a warranty campaign designed to increase fuel mileage, and decrease oil consumption on your vehicle. We would like to take a moment of your time to remind you that if you have not already done so, please make an appointment at your earliest convenience to have your GT SE updated at your nearest authorized Ski-Doo dealer.

Upon completion of this update, Bombardier will extend its Limited warranty coverage on all internal engine components until March 31st of 2000.

We trust this meets with your satisfaction , and wish you an enjoyable winter season to come.

The After Sales Team

P.S. : Think Snow!