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PLATFORM	MODEL	Protocol		P2.3.14 2006 & older released	P2.3.29 Roadster released	P2.3.30 PWC&SB released	P2.3.31 ATV released	3.0.1.2 SSV Released	3.1.2.0 SkiDoo Released	3.0.3.2 PWC&SB Not Released	3.0.4.2 ATV Not Released	3.0.5.2 Roadster Not Released
<b>Ski-Doo</b>												
With D.E.S.S. connection only	All	D.E.S.S.	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
L/C Carb w-MPEM thru the 6 pin	All	D.E.S.S.	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
SDI and V1000	2003 - 2006	KVV2000	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
SDI	2007 to 2011	Automatic	to program Keys		Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
V800	2007 to 2011	Automatic	to program Keys	Do not use	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
Carburator vehicle with ECM	2005-2006	KVV2000	Do not use	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
Carburator vehicle with ECM	2007 to 2011	Automatic	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
E-TEC 600HO	All	Automatic	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
1203	All	Automatic	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
600ACE	All	Automatic	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use
<b>Can-Am ATV</b>												
DS450	all	Automatic	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use
Outlander 400 EFI	all	Automatic	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use
Outlander 800	all	Automatic	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use
Outlander/Renegade 500 and 650	all	Automatic	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use
Outlander 400	all	Automatic	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use
Outlander 800 with DPS	all	Automatic	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use
Outlander 800 MAX with DPS+ACS	all	Automatic	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use
<b>Sea-Doo Watercraft</b>												
All Carb models through D.E.S.S. Post	Up to 2005	D.E.S.S.	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
RFI models through the 4-pin or DESS	Up to 2004	D.E.S.S.	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
RFI models through the 6 pin	2005	KVV2000	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
DI models through the 6-pin	All	947-DI	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
1503	2002 to 2006	KVV2000	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
1503	2007 to 2011	Automatic	to program Keys	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use
I-control - GTX limited (iS) and RXT (iS)	all	Automatic	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use
<b>Sea-Doo Sport Boats</b>												
All Carb models through D.E.S.S. Post	Up to 2003	D.E.S.S.	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
DI models through the 6-pin	All	947-DI	to program Keys	MPI-1& MPI-2	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use
ALL 1503	2002-2006	KVV2000	to program Keys	MPI-1& MPI-2	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use
ALL 1503	2007 to 2011	Automatic	to program Keys	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use
<b>Can-Am Roadster</b>												
All Models	all	Automatic	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	Do not use	Do not use	Do not use	MPI-2
<b>SSV /VCC</b>												
All Models	all	Automatic	Do not use	Do not use	Do not use	Do not use	Do not use	MPI-2	Do not use	Do not use	Do not use	Do not use

## Ski-Doo

### Quick reference chart for selecting the correct MPI – 2 communication tools required for Ski-Doo B.U.D.S. communication and programming.




The VCK (Vehicle Communication Kit) is no longer available. Only the MPI – 2 is available. This chart is intended to show what electrical adapters are required to connect the MPI – 2 to the electrical system of Ski-Doo vehicles. The proper connections will ensure that key programming, diagnostics and module updates are correctly performed with B.U.D.S.

To use this quick reference chart, first identify the vehicle to be programmed. Then reference the marked number in the column and identify the correct tool as listed in the picture section of this document. Note: For connection procedures refer to the appropriate shop manual and/or Service bulletin 2005 – 7 Note: For chassis identification refer to the chassis section of the appropriate specification booklet or the chassis identification section in the Yellow book.




Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 DB9 Ext.	Protocol
S chassis DESS equipped vehicles.												DESS
CK3 chassis AC CDI DESS equipped vehicles												DESS
CK3 chassis 1997 to 2001 with 360 watt DC electrical systems.												DESS
ZX chassis AC CDI equipped liquid cooled vehicles												DESS
ZX chassis 2002 DC CDI equipped liquid cooled vehicles												DESS
Option 1 for Carburetor equipped vehicles with 6 pin B.U.D.S. connector and with "MPEM" printed on the electronics box( not for fuel injection, not for vehicle with ECM printed on their electronics box						 ↕	NR					DESS
Option 2 for Carburetor equipped vehicles with 6 pin B.U.D.S. connector and with "MPEM" printed on the electronics box (Not for fuel injection, not for vehicles with ECM printed on their electronics box						 ↕	NR					DESS
4 –TEC and SDI vehicles (including 995)		 U	 K*		 Or the vehicle DESS key	 ↕	NR					KW2000
Carburetor equipped vehicles with "ECM" printed on their electronics box (including power T.E.K.)					Install the DESS key to be programmed or already programmed on the vehicle's DESS post	 ↕	NR					KW2000
E-TEC equipped vehicles					Install the DESS key to be programmed or already programmed on the vehicle's DESS post	 ↕	NR					KW2000

**U** = For ECM or cluster Update **K\*** = – For DESS key programming only **Notice:** On the listed vehicles only use the DESS post interface for key programming. If an update of the ECM or cluster is necessary, use the diagnostic cable in its place. Failure to use the diagnostic cable could result in module or cluster damage. **NR** = Not Recommended **↕**= Connected if not running – Disconnect battery to start vehicle **Notice:** When performing any module update ensure that the vehicle or power supply battery is fully charged.




### Roadster

Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 <a href="#">DB9 Ext.</a>	Protocol
ALL Spyder Roadster models												Auto















### ATV

Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 <a href="#">DB9 Ext.</a>	Protocol
ALL ATV models												Auto

### SSV

Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 <a href="#">DB9 Ext.</a>	Protocol
ALL SSV models												Auto

### Sea-Doo / Sports Boat

Tools required for communication	# 1 529036018	# 2 710000851	# 3 529036019	# 4 529 035 904	# 5 529 035 896	# 6 529 035 869	# 7 529 035 675	# 8 529 035 997	# 9 529 033 300	# 10 861 780 600	# 11 <a href="#">DB9 Ext.</a>	Protocol
Carb unit + RFI												DESS
DI												947 DI
4-Tec without I-Control												KW2000
4-Tec with I-Control												Auto