

B.U.D.S. Chart - 2018/09/28				BOSSWeb/ComCenter/Documents/Diagnostic Software/BUDS		
PLATFORM	MODEL YEAR	Protocol	(USB) : Use USB Cable (DPI) : Use DESS Post	BUDS2 Sea-Doo : MY2016+ Snowmobile, SSV, 3WV, ATV : MY2017+	E3.8.2 Sea-Doo : MY2007 to MY2015 Snowmobile: MY2007 to MY2016 SSV, 3WV, ATV: up to MY2016	L3.3.0 Sea-Doo, Snowmobile: up to MY2006
Sea-Doo Watercraft						
I-control - GTX limited (iS) and RXT (iS)	All	Automatic		MPI-2/MPI-3 (MY16+)	MPI-2/MPI-3 (MY16-)	
1603 and 900	All	Automatic		MPI-2/MPI-3 (MY16+)	MPI-2/MPI-3 (MY16-)	
1503	2007 to 2017	Automatic		MPI-2/MPI-3 (MY16+)	MPI-2/MPI-3 (MY16-)	
1503	2002 to 2006	KW2000	(DPI) to program Keys			MPI-2/MPI-3
All Carb models through D.E.S.S. Post	Up to 2005	D.E.S.S.	(DPI) to program Keys			MPI-2/MPI-3
RFI models through the 6 pin	2005	KW2000	(DPI) to program Keys			MPI-2/MPI-3
RFI models through the 4-pin or DESS post	Up to 2004	D.E.S.S.	(DPI) to program Keys			MPI-2/MPI-3
DI models through the 6-pin	All	947-DI	(DPI) to program Keys			MPI-2/MPI-3
Snowmobiles						
E-TEC 600R and E-TEC 850	All	Automatic		MPI-2/MPI-3		
E-TEC 600HO and E-TEC 800HO	All	Automatic		MPI-2/MPI-3 (MY17+)	MPI-2/MPI-3 (MY17-)	
1200ACE	All	Automatic		MPI-2/MPI-3 (MY17+)	MPI-2/MPI-3 (MY17-)	
900ACE & 903 T	All	Automatic		MPI-2/MPI-3 (MY17+)	MPI-2/MPI-3 (MY17-)	
600ACE	All	Automatic		MPI-2/MPI-3 (MY17+)	MPI-2/MPI-3 (MY17-)	
Carburetor vehicle with ECM	2007 to 2017	Automatic			MPI-2/MPI-3	
Carburetor vehicle with ECM	2005-2006	KW2000				MPI-2/MPI-3
V800	2007 to 2014	Automatic	(DPI) to program Keys		MPI-2/MPI-3	
SDI	2007 to 2014	Automatic	(DPI) to program Keys		MPI-2/MPI-3	
SDI and V1000	2003 - 2006	KW2000	(DPI) to program Keys			MPI-2/MPI-3
With D.E.S.S. Post connection only	All	D.E.S.S.	(DPI) to program Keys			MPI-2/MPI-3
L/C Carb w-MPEM thru the 6 pin	All	D.E.S.S.	(DPI) to program Keys			MPI-2/MPI-3
Can-Am Off-Road - SSV						
All Models	All	Automatic		MPI-2/MPI-3 (MY17+)	MPI-2/MPI-3 (MY17-)	
Can-Am Off-Road - ATV						
All Models	All	Automatic		MPI-2/MPI-3 (MY17+)	MPI-2/MPI-3 (MY17-)	
Can-Am On-Road – 3WV						
Spyder with Multifunction Gauge	Up to 2017	Automatic		MPI-2/MPI-3 (MY17+)	MPI-2/MPI-3 (MY17-)	
Spyder with Premium Multifunction Gauge	2018 and up	Automatic	(USB) to flash Gauge	MPI-2/MPI-3		
Spyder with Multifunction Gauge	2019 and up	Automatic		MPI-2/MPI-3		
Ryker with Multifunction Gauge	2019 and up	Automatic		MPI-2/MPI-3		
Sea-Doo Sport Boats						
ALL 1503 without D.E.S.S. Post	2010 to 2012	Automatic			MPI-2/MPI-3	
ALL 1503 with D.E.S.S. Post	2007 to 2012	Automatic	(DPI) to program Keys		MPI-2/MPI-3	
ALL 1503	2002-2006	KW2000	(DPI) to program Keys			MPI-2/MPI-3
All Carb models through D.E.S.S. Post	Up to 2003	D.E.S.S.	(DPI) to program Keys			MPI-2/MPI-3
DI models through the 6-pin	All	947-DI	(DPI) to program Keys			MPI-2/MPI-3
To get your BUDS access codes (E3.8.2 or L3.3.0) go to : BOSSWeb/ComCenter/Get Buds Access Codes				Please Note: MPI-1 is no longer officially supported in BUDS version 3 and higher		

See following chart for connection tools needed (Total 4 pages)

Sea-Doo Watercraft and Boats

Tools required for communication	# 1 MPI 529036353 (old 529036018)	# 2 CAN resistor 529 036355	#3 Diagnostic Cable 710000851	# 4 DPI 529036019	# 5 529 035 904	# 6 529 035 896	# 7 Power Interface 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Extension (optional)	# 13 USB 715 900 623	Protocol
Sea-Doo MY 21 and up with Premium Multifunction Gauge (BRP Connect)													 USB	Auto
900 Ace (all Sparks), 1603, 1503 from MY2007							 MY16+							Auto
Carb unit + RFI														DESS
DI														947 DI
4-Tec without I-Control														KW2000
4-Tec with I-Control							 MY16+							Auto

MY16+ = Recommended for Model MY2016+.

Snowmobiles

Tools required for communication	# 1 NEW 529036353 (old 529036018)	# 2 CAN resistor 529036355	#3 Diagnostic Cable 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Extension (optional)	# 13 USB cable 715 900 623	Protocol
Snowmobiles MY 21 + with Premium Multifunction Gauge (BRP GO)						Inst.							 USB	
E-TEC equipped vehicles						Inst.		NR						KW2000
1200 and 600ACE 900ACE and 900 Turbo						Inst.		NR						KW2000

Tools required for communication	# 1 NEW 529036353 (old 529036018)	# 2 CAN resistor 529036355	#3 Diagnostic Cable 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Extension (optional)	# 13 USB cable 715 900 623	Protocol
Carburetor equipped vehicles with "ECM" printed on their electronics box (including power T.E.K.) except the ones in XP platform						Inst.		NR						KW2000
Carburetor equipped vehicles with "ECM" printed on their electronics box (including power T.E.K.) in XP platform						Inst.		NR						KW2000
V-1000, V-810 and SDI vehicles (including 995) except 600HO SDI in XP platform			 U	 K*		 Or the vehicle DESS key		NR						KW2000
600HO SDI in XP platform			 U	 K*		 Or the vehicle DESS key		NR						KW2000
S chassis DESS equipped vehicles.														DESS
CK3 chassis AC CDI DESS equipped vehicles ZX chassis AC CDI equipped liquid cooled vehicles														DESS
CK3 chassis 1997 to 2001 with 360 watt DC electrical systems.														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

Inst. = Install the DESS key to be programmed or already programmed on the vehicle's DESS post

U = 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.

Can-Am Off-Road - SSV

Tools required for communication	# 1 NEW 529036353 (old 529036018)	# 2 CAN resistor 529036355	#3 Diagnostic Cable 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Extension (optional)	# 13 USB cable 715 900 623	Protocol
ALL SSV models							NR							Auto

NR = Not Recommended.

Can-Am Off-Road - ATV

Tools required for communication	# 1 NEW 529036353 (old 529036018)	# 2 CAN resistor 529036355	#3 Diagnostic Cable 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Extension (optional)	# 13 USB cable 715 900 623	Protocol
ALL ATV models							NR							Auto

NR = Not Recommended.

Can-Am On-Road – 3 Wheels Vehicle

Tools required for communication	# 1 NEW 529036353 (old 529036018)	# 2 CAN resistor 529036355	#3 Diagnostic Cable 710000851	# 4 529036019	# 5 529 035 904	# 6 529 035 896	# 7 515177223	# 8 529 035 675	# 9 529 035 997	# 10 529 033 300	# 11 861 780 600	# 12 DB9 Extension (optional)	# 13 USB cable 715 900 623	Protocol
Spyder models with Multifunction Gauge – up to 2017							NR							Auto
Spyder models with Premium Multifunction Gauge (BRP Connect) – 2018 and up							NR						 USB	Auto
Spyder models with Multifunction Gauge – 2019 and up							NR							Auto
Ryker models with Multifunction Gauge – 2019 and up							NR							Auto

USB = To be connected between computer and Vehicle USB front connector.

NR = Not Recommended.

Notice: When performing any module update ensure that the vehicle or power supply battery is fully charged.