













B.U.D.S. Chart - 6/28/2022				BOSSWeb/ComCenter/Documents/Diagnostic Software/BUDS		
PLATFORM	MODEL YEAR	Protocol	(USB) : Use USB Cable 715900623 (DPI) : Use DESS Post Interface 529036019	BUDS2 Sea-Doo : MY2016+ Snowmobile, SSV, Roadster, ATV : MY2017+	E3.8.2 Sea-Doo : MY2007 to MY2015 Snowmobile: MY2007 to MY2016 SSV, Roadster, 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		
1603 and 900	All	Automatic		MPI-2/MPI-3		
1503	2007 to 2017	Automatic		MPI-2/MPI-3		
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		
1200ACE	All	Automatic		MPI-2/MPI-3		
900ACE & 903 T	All	Automatic		MPI-2/MPI-3		
600ACE	All	Automatic		MPI-2/MPI-3		
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 SSV						
All Models	All	Automatic		MPI-2/MPI-3		
Can-Am Roadster						
Models with Premium Multifunction Gauge	All	Automatic	(USB) to flash Gauge	MPI-2/MPI-3		
Models without Premium Multifunction Gauge	All	Automatic		MPI-2/MPI-3		
Can-Am ATV						
All Models	All	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)
Quick reference chart for selecting the correct communication tools required for B.U.D.S. communication and programming
Snowmobiles

Tools required for communication	# 1 NEW 529036353 (old 529036018) 	# 2 NEW 529036355 	#3 71000851 	# 4 529036019 	# 5 529035904 	# 6 529035896 	# 7 515177223 	# 8 529035675 	# 9 529035997 	# 10 529033300 	# 11 861780600 	# 12 USB 715900623 	Protocol
Snowmobiles MY 21 + with Premium Multifunction Gauge (BRP GO)	Required		Required			Key on DESS post						Required	Auto
E-TEC equipped vehicles	Required		Required			Key on DESS post	Required	NR	Required				KW2000
1200 and 600ACE 900ACE and 900 Turbo	Required		Required			Key on DESS post		NR					KW2000
Carburetor equipped vehicles with "ECM" printed on their electronics box (including power T.E.K.) except the ones in XP platform	Required	Required	Required			Key on DESS post	Required Connected if not running	NR	Required				KW2000
Carburetor equipped vehicles with "ECM" printed on their electronics box (including power T.E.K.) in XP platform	Required		Required			Key on DESS post	Required Connected if not running	NR	Required				KW2000
V-1000, V-810 and SDI vehicles (including 995) except 600HO SDI in XP platform	Required	Required	Required for DESS programming only	Required for DESS programming only		Required or the vehicle DESS key	Required	NR					KW2000
600HO SDI in XP platform	Required		Required for DESS programming only	Required for DESS programming only		Required or the vehicle DESS key	Required	NR					KW2000
S chassis DESS equipped vehicles.	Required			Required	Required								DESS
CK3 chassis AC CDI DESS equipped vehicles	Required			Required	Required			Required					DESS
CK3 chassis 1997 to 2001 with 360 watt DC electrical systems.	Required			Required	Required					Required			DESS
ZX chassis AC CDI equipped liquid cooled vehicles	Required			Required	Required			Required					DESS
ZX chassis 2002 DC CDI equipped liquid cooled vehicles	Required			Required	Required						Required		DESS
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	Required			Required		Required or the vehicle DESS key	Required Connected if not running	NR	Required				DESS

NR = Not Recommended.







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

Sea-Doo Watercraft and Boats

Tools required for communication	# 1 NEW 529036353 (old 529036018) 	# 2 NEW 529036355 	#3 710000851 	# 4 529036019 	# 5 529035904 	# 6 529035896 	# 7 515177223  MY16+	# 8 529035675	# 9 529035997 	# 10 529033300	# 11 861780600	# 12 USB 715900623 	Protocol
Sea-Doo MY 21 + with Premium Multifunction Gauge (BRP Connect)	Required		Required									Required	Auto
900 Ace (all Sparks), 1603, 1503 from MY2007	Required		Required										Auto
Carb unit + RFI	Required			Required	Required								DESS
DI	Required			Required									947 DI
4-Tec without I-Control	Required			Required									KW2000
4-Tec with I-Control	Required	Required	Required				Required						Auto







MY16+ = Recommended for Model MY2016+

SSV

Tools required for communication	# 1 NEW 529036353 	# 2 NEW 529036355 	#3 710000851 	# 4 529036019	# 5 529035904	# 6 529035896	# 7 515177223  NR	# 8 529035675	# 9 529035997  NR	# 10 529033300	# 11 861780600	# 12 USB 715900623  NR	Protocol
ALL SSV models	Required		Required				NR		NR			NR	Auto








NR = Not Recommended.

ATV

Tools required for communication	# 1 NEW 529036353 (old 529036018) 	# 2 NEW 529036355 	#3 710000851 	# 4 529036019	# 5 529035904	# 6 529035896	# 7 515177223  NR	# 8 529035675	# 9 529035997  NR	# 10 529033300	# 11 861780600	# 12 USB 715900623  NR	Protocol
ALL ATV models	Required		Required				NR		NR			NR	Auto

NR = Not Recommended.

Roadster

Tools required for communication	# 1 NEW 529036353 	# 2 NEW 529036355 	#3 710000851 	# 4 529036019	# 5 529035904	# 6 529035896	# 7 515177223 	# 8 529035675	# 9 529035997 	# 10 529033300	# 11 861780600	# 12 529036600 	# 13 USB 715900623 	Protocol
Ryker My 21.5 + ECM programming service part # 666068	Required		Required									Required		Auto
Spyder Roadster models with Premium Multifunction Gauge	Required		Required				NR		NR				Required	Auto
Spyder Roadster models without Premium Multifunction Gauge	Required		Required				NR		NR				NR	Auto

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

NR = Not Recommended.