



ROADSTER
SERVICE
Bulletin



May 28th, 2012

Subject: **Information on Updated Maintenance Schedule (Except Units Registered in California)**

No. **2012-12**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2008-2012	All	All	All ⁽¹⁾
(1) Except units registered in California			

As we are all aware, it is common for Can-Am Roadster Spyder owners to cumulate lots of mileage in a riding season. Consequently in an effort to satisfy customer demands to reduce maintenance cost and frequency, BRP is pleased to introduce a new optimized maintenance schedule.

The revised schedule allows extended intervals between some operations; such as oil changes, valve adjustment and spark plug replacement.

To achieve this improvement, BRP has developed new oil filters with a higher filtration capacity. Our extensive testing and analysis demonstrated that using the new engine and HCM BRP filters the oil changes intervals can now be increased from 5 000 km (3,000 mi) to 7 500 km (4,600 mi) without affecting in any way the engine/transmission reliability and durability.

Also, several inspections on high mileage engines at our test facility and in the network do confirm that the valve train adjustment intervals can be increased to 22 500 km (14,000 mi) and eliminate the inspection at 10 000 km (6,000 mi).

In the coming weeks, BRP will be sending to Canadian and US Can-Am Roadster Spyder customers for all model years (except units registered in California) an updated maintenance schedule booklet to add to their operator's guide.

Canadian and US dealers will also be receiving additional booklets to be included in the new and un-registered units at your dealership before delivery to a customer. For all other markets, please consult your local after sales department.

The part numbers for engine and HCM oil filters have changed, please refer to the service bulletin 2012-11 to understand how to update your inventory.

UPDATED PERIODIC MAINTENANCE SCHEDULE

PERIODIC MAINTENANCE SCHEDULE					
A: ADJUST C: CLEAN I: INSPECT L: LUBRICATE R: REPLACE	BREAK-IN INSPECTION 1 000 KM (600 MI)				
	EVERY 7 500 KM (4,600 MI)				
	EVERY 15 000 KM (9,300 MI)				
	EVERY 22 500 KM (14,000 MI)				
	NOTE				
ENGINE					
Engine oil and oil filter*	R	R			Check oil level every 500 km (300 mi)
Oil tank strainer	I, C			I, C	Inspect and clean if necessary
Hydraulic Control Module (HCM) oil filter (SE5 model)*	R	R			
Valve clearance				A	Inspect more frequently if driving at high RPM (10% of the time higher than 6000 RPM)
Air filter				R	Inspect and replace more frequently if used in dusty or wet areas
Air filter housing (GS and RS Series)			C		Wipe off any oil in housing. Service more frequently when driving in unusually wet condition or at high RPM (10% of the time higher than 6000 RPM)
Air filter housing (RT Series)				C	Wipe off any oil in housing. Service more frequently when driving in unusually wet condition or at high RPM (10% of the time higher than 6000 RPM)
Clutch fluid (SM5 model)*		I		R	Replace every 22 500 km (14,000 mi) or 2 years (whichever comes first)
Engine coolant*	I	I		R	Check level and condition. Replace every 22 500 km (14,000 mi) or 2 years (whichever comes first)
Radiator, hoses and water pump*				I	Check condition, leak, leak indicator hole and cleanliness
Radiator cap/cooling system pressure test*					Test every 2 years
Exhaust pipe joint/gaskets (GS and RS Series)				R	
Reverse mechanism (SM5 model)*			I, A		
ELECTRONIC MANAGEMENT SYSTEMS					
Fault codes*	I	I			Using the BRP Utility and Diagnostic Software (B.U.D.S.), check for updates and reset Maintenance
Rear wheel speed sensor gap *			I		Clean and adjust as necessary. Adjust gap every time rear wheel is loosened
Passenger switch*			I		Check functionality using the BRP Utility and Diagnostic Software (B.U.D.S.)
FUEL SYSTEM					
Throttle body (GS and RS Series)				I, C, A	
Throttle body (RT Series)				I, C	
Throttle twist grip*	I	I			
Throttle cable (GS and RS Series)*			L		Adjust as necessary
Fuel hoses				I	
Fuel filter*					Replace every 30 000 km (19,000 mi) or 5 years (whichever comes first)

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	EVERY 7 500 KM (4,600 MI)				
	EVERY 15 000 KM (9,300 MI)				
	EVERY 22 500 KM (14,000 MI)				
	NOTE				
ELECTRICAL SYSTEM					
Spark plugs				R	
Battery connections*			I, C		
Lighting system (Brake light, hazard warning lights, turn signal lights, position lights, license plate light)*	I	I			
Electric windshield (RT Series)			I		
Control switches*	I	I			
DRIVE SYSTEM					
Drive belt*	I, A	I, A			Inspect wear, alignment and tension. Tension must be adjusted every time rear wheel is loosened
Rear sprocket bearing*				I	
	Replace every 46 000 km (28,500 mi)				
Rear axle bearings*				I	
Bearing seals, O-rings and wear sleeves of rear axle				R	
WHEELS					
Front tires			Rotate		When tread depth reaches 4 mm (5/32 in). Tires must be removed from the wheels in order to respect rotation direction
Front wheel bearings*				I	
Front wheel nuts torque*		I			
Rear wheel nut torque*	I	I			
STEERING					
Steering play*	I	I			
Tie rod*		I			
Front wheel alignment				I	
SUSPENSION					
Shock absorbers*			I		
Front suspension arms*	L		L		
Ball joints*				I	Inspect every time tires are replaced
Air Controlled Suspension (ACS) rear shock absorber hoses and fittings (RT-S and LTD Models)*			I		
BRAKES					
Brake fluid*		I		R	Check level and condition. Replace every 22 500 km (14,000 mi) or 2 years (whichever comes first)
Brake pads and discs*		I			
Brake hoses			I		
Parking brake (GS and RS Series)*	I, C, A	I, C, A			
Parking brake (RT Series)*	I, A	I, A			

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	EVERY 7 500 KM (4,600 MI)				
	EVERY 15 000 KM (9,300 MI)				
	EVERY 22 500 KM (14,000 MI)				
	NOTE				
BODY/FRAME					
Passenger handholds*		I			Check solidness
Footpegs*		L			Use multi-purpose lubricant
Plastic parts fasteners and rubber grommets*	I	I			Check solidness
Storage compartment latches, key barrels, and hinges*	I		I, L		Use Cable Lubricant (P/N 293 600 041) or an equivalent

IMPORTANT: Items with "*" must be performed when driving less than 7 500 km (4,600 mi) annually or in accordance with the indicated frequency. They represent the annual minimal maintenance required to keep your vehicle in safe operating condition.