

Date : 28/09/2015 / MODIFICATIONS = Updates

Short list service tightening torques

	----- Designation -----	Loct.	Torque N.m	diam.m.	Length	Head	PN.	Qty	Mounting specifications
FRONT AXLE	FIX SCREW SUBFRAME FT / BODY	243	110	M12 x 150	50	CHc	PS82176A10	2	+ washer 12x27x3 : TR4335005A
	FIX SCREW SUBFRAME RR / BODY	-	110	M12 x 150	50	CHc	PS82176A10	2	
	FIX SCREW WISHBONE / SUBFRAME	-	180	M14x150	54	H	1E2118121A	4	+ nut M14 PS74017A10
	FIX SCREW CAMBER LINK / CASTER LINK	-	180	M14x150	35	CHc	1E1326189A	2	+ washer dia 14 + nut M14 PS74017A10
	FIX SCREW TOE LINK / HUB CLEVIS	-	65	M10	54-42	H	1E1326186B	2	Simmonds
	FIX SCREW TOE LINK / RACK CLEVIS	-	65	M10	47-35	H	1E4126574A	2	Simmonds
DIR.	FIX SCREW STEER RACK FT / SUBFRAME	270	30	M8	40	CHc	PS82010A10	2	+ washers PS86510A10
	FIX SCREW STEER RACK RR / SUBFRAME	-	30	M8	30	CHc	PS82079A10	2	
	FIX SCREW COLUMN / VALVE	-	25	M8	35	-	410562 (excentrique)	1	+ nut DPR 6939C2
	FIX SCREW CLEVIS / STEERING BAR	270	100	M16			RC4014305E	2	Avoid bar rotation during tight. PSA Tool : 978090
AROLL.	SCREW BLADE LINK / WISHBONE	-	35	M8	55	CHc	PS82048A10	2	
	SCREW BLADE LINK / BLADE	-	35	M8	40	CHc	1E2626615A	2	
	SCREW BLADE / ROLLBAR	-	35	M8	25	CHc	17705-18	4	washer SPS PS86570A10

REAR AXLE	FIX SCREW SUBFRAME FT / BODY	243	110	M12 x 150	50	CHc	PS82176A10	2	+ washer 12x27x3 : TR4335005A
	FIX SCREW SUBFRAME RR / BODY	-	110	M12 x 150	50	CHc	PS82176A10	2	
	FIX SCREW WISHBONE / SUBFRAME	-	180	M14x150	54	H	1E2118121A	4	+ nut M14 PS74017A10
	FIX SCREW CAMBER LINK / CASTER LINK	-	180	M14x150	35	CHc	PS82827A10	2	+ washer dia 14 + nut M14 PS74017A10
	FIX SCREW TOE LINK / HUB CLEVIS	-	65	M10	54-42	H	1E1326186B	2	Simmonds
	FIX SCREW TOE LINK / SUBFRAME	-	65	M10	45-34	H	1E2318122B	2	Simmonds
FIX SCREW REAR DIFF / SUBFRAME	243	110	M12x175	25	CHc	PS82153A10	6		
AROLL.	SCREW BLADE LINK / WISHBONE	-	35	M8	55	CHc	PS82048A10	2	
	SCREW BLADE LINK / BLADE	-	35	M8	40	CHc	1E2626615A	2	
	SCREW BLADE / ROLLBAR	-	35	M8	25	CHc	17705-18	4	washer SPS PS86570A10

HUB CARRIER	WHEEL NUT	grease	100	M12x125			1E1318085B	20	
	SCREW DRIVESHAFT ENDING	grease	60	M12x125	24	CHc	1E1318079B	4	Check after 100kms, without re-tightening
	SCREW FIX LOWER CLEVIS GRAVEL	243	65	M10	25	CHc	PS82094A10	16	
	SCREW FIX LOWER CLEVIS TARMAC	243	65	M10	45	CHc	PS82009A10	20	
	SCREW CHc FIX LEVER	243	65	M10	25	CHc	PS82094A10	4	
	SCREW CHc FIX LEVER	243	180	M14x150	30-11	H	1E1318104B	4	
	SCREW CAMBER CLEVIS	-	65	M10x125	48-22	H	1E1318144B	8	washer plate D10x16.5x3 1E1318145A
	SCREW CAMBER CLEVIS	-	110	M12x125	38-11	H	1E1318143B	4	washer plate D12x19.5x3 1E1318146A
	LOW HUBCARRIER AXLE	grease	250	M18	61	CHc	1E1326395A	4	
	FIX SCREW UP DAMPER STRUT	grease	180	M14x150	83-58	CHc	1E1328096A	4	
	FIX SCREW LOW DAMPER STRUT	grease	180	M14x150	75-54	CHc	1E1325335D	4	
	NUT UP DAMPER / BODY	-	100	M16x150	bas	H	380505	4	

BRAKES	SCREW FIX LOWER CALLIPER GRAVEL	243	65	M10	75	CHc	PS82148A10	4	
	SCREW FIX UPPER CALLIPER GRAVEL	243	65	M10	55	CHc	PS82145A10	4	
	SCREW FIX LOWER CALLIPER TARMAC	243	65	M10	100	CHc	PS82179A10	4	
	SCREW FIX UPPER CALLIPER TARMAC	243	65	M10	80	CHc	PS82538A10	4	
	SCREW CALLIPER BLEED COLD	-	14						
	SCREW CALLIPER BLEED WARM	-	9						
	DISC MOUNTING	243	12	M5	20	CHc	1F1125308A	24	washer 5x12x1 1F1125310A + nut 1F1125309A

ENGINE COMPARTMENT

----- Designation -----	Loct.	Torque N.m	diam.m.	Length	Head	PN.	Qty	Mounting specifications
ENGINE / GEARBOX								
FIX SCREW ENGINE / GEARBOX	-	55	M10x150	65	H	6925 VO	6	2 pins 14x20 6968-36
FIX SCREW PROPSHAFT DRIVE / GB	grease	30	M10x150	30	FHc	PS85543A10	1	
FIX SCREW FLANGE / PROPSHAFT DRIVE	270	8	M5	12	FHc	PS85557A10	6	
FIX SCREW STARTER / GB	-	55	M12x150	35	CHc	PS82668A10	2	washer plate D12x27x2.5 PS86554A10
FIX SCREW GB COOLER	-	36	M12x125	92	CHc	2275-72	1	washer ep 2 2267-06 + ep 2.55 2267-07
FIX SCREW FLYWHEEL	-	30 + 90°	M9x125	20		53760	6	New screw each assembly. Star order tigh.
FIX SCREW CLUTCH / FLYWHEEL	243	17	M6	45	CHc	PS82039A10	12	New screw each assembly. SPS D6 PS586098A01
ENGINE MOUNTING								
FIX SCREW MOUNTING GB / GB	243	55	M10x150	35	CHc	PS82003A10	3	washer contact D10x22x1.6
INSERT / GB MOUNTING	270	100	20x100			OD1124213 A	1	
FIX SCREW GB / BODY	243	100	M12x150	60	CHc	CS530248ST	1	washer contact D12x27x1.8
FIX SCREW ENGINE MOUNT / ENGINE	243	55	M10x150	35	CHc	PS82003A10	4	washer contact D10x22x1.6
INSERT / ENGINE MOUNTING	270	100	20x100			OD1124213 A	1	
FIX SCREW ENGINE MOUNTING / BODY	243	100	M12x150	60	CHc	CS530248ST	1	washer contact D12x27x1.8
FIX SCREW ANTI-TORQUE / GB	243	38	M8	25	CHc	PS82091A10	4	washer d8x16x3 OD1118084A
ANTI-TORQUE AXLE / SUBFRAME	-	100	M12x150			OD1124260B	1	washer D12x24x2.4 + Simmonds M12 + adj shim
ACCESSORIES MOUNTING								
SCREW ACCESSORIES MOUNTING / ENG.	243	38	M8	35	CHc	PS82082A10	1	washer D8x16x1
SCREW ACCESSORIES MOUNTING / ENG.	243	38	M8	25	CHc	17705-18	2	1 washer D8x16x1 and 1 washer sps D8
SCREW BELT BEARING	243	45	M10	55	CHc	PS82145A10	1	washer onduflex B d10 PS86067A10
FIX SCREW ALTERNATOR	243	40	M10	35	CHc	PS82003A10	1	washer circuit breaker D8x18x1 6946-26
FIX SCREW ALTERNATOR	243	40	M10	40	RDL	6927G7	1	
FIX SCREW ALTERNATOR	243	40	M10		H	5703 98	2	Cylindrical centering ring 5703-84
SCREW MOUNT. STEERING PUMP / ENGINE	243	38	M8	35	CHc	PS82082A10	1	washer plate D8x16x1
SCREW MOUNT. STEERING PUMP / ENGINE	243	38	M8	25	CHc	17705-18	1	washer plate D8x16x1
FIX SCREW STEERING PUMP / MOUNTING	243	38	M8	25	CHc	17705-18	4	washer plate D8x16x1
WP/IMP								
WATER PUMP MOUNTING	243	40	M8	20	CHc	PS82031A10	2	
WATER PUMP	243	35	M8	30	CHc	PS82079A10	3	
TURBO								
AIR HOSE COLLAR	-	6				6981J4	8	
SCREW HOSE COLLAR SURAL / TURBO	-	-	M6	30	CX	Ref collier 0A2725735A	1	
EXH								
NUT EXHAUST MANIFOLD	-	20	M8			0341 P2	10	
SCREW COLLIER TURBO / LIGNE PRIMAIRE	-	-	M8	30	CX	9613770580	1	
SCREW COLLIER COLLECTEUR / TURBO	-	12	M7				1	

COCKPIT

SEAT								
SCREW MOUNTING SEAT / BODY	-	-	M10	25	CHc	PS82094A10	8	washer 10x22x2.2 PS86067A10
SCREW FT SEAT / MOUNTING	-	-	M12	35	CHc	PS82668A10	4	washer 12x24x1.5 PS86068A10
SCREW RR SEAT / MOUNTING	-	-	M12	40	CHc	PS82067A10	4	washer PS86067A10 + cales de 5mm 3Y1B24150A
STEERING								
FIX SCREW COLUMN / BODY	-	-	M8	75	CHc	PS82669A10	3	washer plate D8 PS860019A01 + 1 Simds 7238ET
FIX SCREW GB LEVER / COLUMN	-	-	M8	65	CHc	PS82135A10	1	Simmonds
FIX SCREW SHIFTER / LEVER	-	18	M8	30	CHc	PS82079A10	1	Simmonds
FIX SCREW GB CABLE / GB CLEVIS	-	-	M8	30	CHc	PS82079A10	1	Simmonds welded on clevis
FIX SCREW CLEVIS / GB	243	30	M8	16	CHc	PS82130A10	1	
HD BREA								
SCREW HANDBREAK LEVER / BODY	-	-	M8	55	CHc	PS82048A10	1	
SCREW MASTER CYLINDER / LEVER	-	-	M8		CHc	1F7126081A	1	stop nut
SCREW MASTER CYLINDER / MOUNTING	-	-	M6		CHc	1G1160833B	1	
PEDAL								
FIX SCREW PEDALBOX / BODY	-	35	M8	20	CHc	PS82031A10	4	
FIX SCREW THROTTLE	-	-	M6	16	H	692580	2	

TANK

TOP								
FIX SCREW LID	222	4	M5	16	ULS	PS82658A10	24	24 washer plate 5x10x1 PS86644A10
FIX SCREW BOX	222	5	M6	16	ULS	PS92658A10	2	
FIX SCREW FILLING SPT12	222	2	M4	12	ULS	PS82653A10	12	
FIX SCREW GAUJE	222	4	M5	16	ULS	PS82658A10	5	5 washer plate 5x10x1 PS86644A10
FIX								
FIX SCREW TANK	243		M8	30	H	6925W9	4	
FIX SCREW TANK	243		M6	25	RDL	6922H3	2	
FIX SCREW MOUNTING TANK	243		M6	16	H	6925W6	2	

DIVERS

DIVERS								
FIX SCREW SKI FT	-	110	M10	55	TH	6922G8	3	
FIX SCREW SKI RR	243	-	M12	20	CHc	PS82556A10	8	
	-							
	-							
	-							
	-							
	-							