

# TECHNICAL DATA

## SI\* METRIC INFORMATION GUIDE

BASE UNITS			
DESCRIPTION	UNIT	SYMBOL	
length .....	meter .....	m	
mass .....	kilogram .....	kg	
force .....	newton .....	N	
liquid .....	liter .....	L	
temperature .....	Celsius .....	°C	
pressure .....	kilopascal .....	kPa	
torque .....	newton•meter .....	N•m	
speed .....	kilometer per hour .....	km/h	

PREFIXES			
PREFIX	SYMBOL	MEANING	VALUE
kilo .....	k .....	one thousand .....	1 000
centi .....	c .....	one hundredth .....	0.01
milli .....	m .....	one thousandth .....	0.001
micro .....	μ .....	one millionth .....	0.000001

CONVERSION FACTORS			
TO CONVERT	TO †	MULTIPLY BY	
in .....	mm .....	25.4	
in .....	cm .....	2.54	
in <sup>2</sup> .....	cm <sup>2</sup> .....	6.45	
in <sup>3</sup> .....	cm <sup>3</sup> .....	16.39	
ft .....	m .....	0.3	
oz .....	g .....	28.35	
lb .....	kg .....	0.45	
lbf .....	N .....	4.4	
lbf•in .....	N•m .....	0.11	
lbf•ft .....	N•m .....	1.36	
lbf•ft .....	lbf•in .....	12	
PSI (lbf/in <sup>2</sup> ) .....	kPa .....	6.89	
imp. oz .....	U.S. oz .....	0.96	
imp. oz .....	mL .....	28.41	
imp. gal .....	U.S. gal .....	1.2	
imp. gal .....	L .....	4.55	
U.S. oz .....	mL .....	29.57	
U.S. gal .....	L .....	3.79	
MPH .....	km/h .....	1.61	
Fahrenheit .....	Celsius .....	(°F – 32) ÷ 1.8	
Celsius .....	Fahrenheit .....	(°C × 1.8) + 32	






\* The international system of units abbreviates SI in all languages.

† To obtain the inverse sequence, divide by the given factor. To convert mm to in, divide by 25.4.

NOTE: Conversion factors are rounded off to 2 decimals for easier use.






# Section 10 TECHNICAL DATA

## Subsection 02 (ENGINES)

VEHICLE MODEL		MX Z 440	MX Z 500	MX Z 670 HO			
ENGINE TYPE		443	494	670			
	Number of Cylinders	2	2	2			
	Bore	mm (in)	67.5 (2.6575)	69.5 (2.736)	78.0 (3.071)		
	Stroke	mm (in)	61.0 (2.402)	65.8 (2.59)	70.0 (2.760)		
	Displacement	cm <sup>3</sup> (in <sup>3</sup> )	436.6 (26.64)	499.3 (30.47)	668.97 (40.82)		
	Compression Ratio (corrected)		6.4	6.8	6.2		
	Maximum Power Engine Speed ①	± 100 RPM	7000	7800	8000		
	Piston Ring Type	1 <sup>st</sup> /2 <sup>nd</sup>	ST/R	ST/R	ST/R		
	Ring End Gap	New	mm (in)	0.2 (.008)	0.25 (.010)	0.25 (.010)	
		Wear Limit	mm (in)	1.0 (.039)	1.0 (.039)	1.0 (.039)	
	Ring/Piston Groove Clearance	New	mm (in)	0.04 (.0016)	0.04 (.0016)	0.04 (.0016)	
		Wear Limit	mm (in)	0.2 (.0079)	0.2 (.0079)	0.2 (.0079)	
	Piston/Cylinder Wall Clearance	New	mm (in)	0.07 (.0028)	0.11 (.0043)	0.10 (.0039)	
		Wear Limit	mm (in)	0.2 (.008)	0.15 (.0059)	0.15 (.0059)	
	Connecting Rod Big End Axial Play	New	mm (in)	0.2 (.0079)	0.39 (.0156)	0.39 (.0156)	
		Wear Limit	mm (in)	1.0 (.0394)	1.2 (.0472)	1.2 (.0472)	
Maximum Crankshaft End-Play ②	mm (in)	0.3 (.012)	0.3 (.012)	0.3 (.012)			
Maximum Crankshaft Deflection	mm (in)	0.08 (.0031)	0.08 (.0031)	0.08 (.0031)			
Rotary Valve Timing ③ and P/N 420 924 XXX	Opening Closing	N.A.	146° – 65° 502	145° – 71° 500			
	Magneto Generator Output	W	240	220	220		
	Ignition Type		CDI	CDI	CDI		
	Spark Plug Make and Type		NGK BR9ES	NGK BR9ES	NGK BR9ES		
	Spark Plug Gap	mm (in)	0.45 (.018)	0.45 (.018)	0.45 (.018)		
	Ignition Timing BTDC ④⑤	mm (in)	1.38 (.054)	1.81 (.071)	3.20 (.126)		
	Trigger Coil ⑤	Ω	140 – 180	190 – 300	190 – 300		
	Generating Coil ⑤	Ω	230 – 330	10 – 17	10 – 17		
	Lighting Coil ⑤	Ω	0.23 – 0.28	0.20 – 0.35	0.20 – 0.35		
	High Tension Coil ⑤	Primary	Ω	N.A.	0.3 – 0.7	0.3 – 0.7	
Secondary		kΩ	5.1 – 6.3	8 – 16	8 – 16		
	Carburetor Type	PTO/MAG	VM 34 530/531	VM 38 412/413	VM 44 36/37		
	Main Jet	PTO/MAG	205/195	300/280	340/310		
	Needle Jet		159 P-0	480-Q4	224 AA-4		
	Pilot Jet		35	50	55		
	Needle Identification — clip position		6DH2-3	6DGY9-3	7ECY1-3		
	Slide Cut-Away		2.5	2.5	2.5		
	Float Adjustment	± 1 mm (± .040 in)	23.9 (.94)	18.1 (.71)	22.9 (.90)		
	Air Screw Adjustment	± 1/16 Turn	1-1/2	2-1/2	1-3/4		
	Idle Speed	± 200 RPM	1650	1800	1700		
	Gas Type/Pump Octane Number		Unleaded/87	Unleaded/87	Super Unleaded/ 91		
	Gas/Oil Ratio		Injection	Injection	Injection		
	Type		Axial Fan	Liquid	Liquid		
	Axial Fan Belt Adjustment	Deflection ⑥	mm (in)	9 – 10 (.35 – .39)	N.A.	N.A.	
		Force	kg (lbf)	5 (11)	N.A.	N.A.	
	Thermostat Opening Temperature	°C (°F)	N.A.	42 (108)	42 (108)		
Radiator Cap Opening Pressure	kPa (PSI)	N.A.	90 (13)	90 (13)			
	ENGINE COLD N <sub>m</sub> (lb•ft)	Drive Pulley Retaining Screw		⌚	⌚	⌚	
		Exhaust Manifold Nuts or Bolts		22 (16)	23 (17)	23 (17)	
		Magneto Ring Nut		105 (77)	125 (92)	125 (92)	
		Crankcase Nuts or Screws	M6		10 (7)	9 (6.5)	9 (6.5)
			M8		22 (16)	29 (21)	29 (21)
		Crankcase/Engine Support Nuts or Screws		38 (28)	39 (29)	39 (29)	
		Cylinder Head Nuts		22 (16)	29 (21)	29 (21)	
		Crankcase/Cylinder Nuts or Screws		N.A.	29 (21)	29 (21)	
Axial Fan Shaft Nut		50 (37)	N.A.	N.A.			






# Section 10 TECHNICAL DATA

## Subsection 02 (ENGINES)

VEHICLE MODEL		FORMULA Z 500 FORMULA DLX 500	FORMULA DLX 583	FORMULA Z 583	FORMULA Z 670 FORMULA DLX 670		
ENGINE TYPE		494	583	583	670		
	Number of Cylinders		2	2	2	2	
	Bore	mm (in)	69.5 (2.736)	76.0 (2.992)	76.0 (2.992)	78.0 (3.071)	
	Stroke	mm (in)	65.8 (2.59)	64.0 (2.52)	64.0 (2.52)	70.0 (2.760)	
	Displacement	cm <sup>3</sup> (in <sup>3</sup> )	499.3 (30.47)	580.7 (35.44)	580.7 (35.44)	668.97 (40.82)	
	Compression Ratio (corrected)		6.7	6.7	6.7	6.2	
	Maximum Power Engine Speed ①		± 100 RPM	7800	7900	7900	7700
	Piston Ring Type		1 <sup>st</sup> /2 <sup>nd</sup>	ST/R	ST/N.A.	ST/N.A.	ST/R
	Ring End Gap	New	mm (in)	0.25 (.010)	0.25 (.010)	0.25 (.010)	0.35 (.014)
		Wear Limit	mm (in)	1.0 (.039)	1.0 (.039)	1.0 (.039)	1.0 (.039)
	Ring/Piston Groove Clearance	New	mm (in)	0.04 (.0016)	0.04 (.0016)	0.04 (.0016)	0.04 (.0016)
		Wear Limit	mm (in)	0.2 (.0079)	0.2 (.0079)	0.2 (.0079)	0.2 (.0079)
	Piston/Cylinder Wall Clearance	New	mm (in)	0.11 (.0043)	0.11 (.0043)	0.11 (.0043)	0.10 (.0039)
		Wear Limit	mm (in)	0.15 (.0059)	0.15 (.0059)	0.15 (.0059)	0.15 (.0059)
	Connecting Rod Big End Axial Play	new	mm (in)	0.39 (.0156)	0.39 (.0156)	0.39 (.0156)	0.39 (.0156)
		wear limit	mm (in)	1.2 (.0472)	1.2 (.0472)	1.2 (.0472)	1.2 (.0472)
Maximum Crankshaft End-Play ②		mm (in)	0.3 (.012)	0.3 (.012)	0.3 (.012)	0.3 (.012)	
Maximum Crankshaft Deflection		mm (in)	0.08 (.0031)	0.08 (.0031)	0.08 (.0031)	0.08 (.0031)	
Rotary Valve Timing ③ and P/N 420 924 XXX		Opening Closing	135° – 64° 509	140° – 71° 502	140° – 71° 502	144° – 72° 500	
	Magneto Generator Output		W	220	220	220	
	Ignition Type			CDI	CDI	CDI	
	Spark Plug Make and Type			NGK BR9ES	NGK BR9ES	NGK BR9ES	
	Spark Plug Gap	mm (in)	0.45 (.018)	0.45 (.018)	0.45 (.018)	0.45 (.018)	
	Ignition Timing BTDC ④⑤		mm (in)	1.81 (.071)	1.75 (.069)	1.75 (.069)	1.93 (.076)
	Trigger Coil ⑤	Ω	190 – 300	190 – 300	190 – 300	190 – 300	
	Generating Coil ⑤	Ω	10 – 17	10 – 17	10 – 17	10 – 17	
	Lighting Coil ⑤	Ω	0.20 – 0.35	0.20 – 0.35	0.20 – 0.35	0.20 – 0.35	
	High Tension Coil ⑤	Primary	Ω	0.3 – 0.7	0.3 – 0.7	0.3 – 0.7	0.3 – 0.7
Secondary		kΩ	8 – 16	8 – 16	8 – 16	8 – 16	
	Carburetor Type		PTO/MAG	VM 38 408/409	VM 40 105/106	VM 40 109/110	
	Main Jet		PTO/MAG	300/280	270/260	280/260	310/290
	Needle Jet			480-Q3	480-P7	224 AA-2	224 AA-3
	Pilot Jet			50	50	60	60
	Needle Identification — clip position			6DGY9-2	6DEY4-2	7ECY1-3	7EDY1-3
	Slide Cut-Away			2.5	2.5	2.5	2.5
	Float Adjustment	± 1 mm (± .040 in)		18.1 (.71)	18.1 (.71)	18.1 (.71)	18.1 (.71)
	Air Screw Adjustment	± 1/16 Turn		2	2.0	2.0	2-1/4
	Idle Speed		± 200 RPM	1800	1800	1800	1700
	Gas Type/Pump Octane Number			Unleaded/87	Unleaded/87	Unleaded/87	Unleaded/87
	Gas/Oil Ratio			Injection	Injection	Injection	Injection
	Type			Liquid	Liquid	Liquid	
	Axial Fan Belt Adjustment	Deflection ⑥	mm (in)	N.A.	N.A.	N.A.	N.A.
		Force	kg (lbf)	N.A.	N.A.	N.A.	N.A.
	Thermostat Opening Temperature		°C (°F)	42 (108)	42 (108)	42 (108)	42 (108)
Radiator Cap Opening Pressure		kPa (PSI)	90 (13)	90 (13)	90 (13)	90 (13)	
	Drive Pulley Retaining Screw			⑦	⑦	⑦	
	Exhaust Manifold Nuts or Bolts			23 (17)	23 (17)	23 (17)	23 (17)
	Magneto Ring Nut			125 (92)	125 (92)	125 (92)	125 (92)
	Crankcase Nuts or Screws	M6		9 (6.5)	9 (6.5)	9 (6.5)	9 (6.5)
		M8		29 (21)	23 (17)	23 (17)	29 (21)
	Crankcase/Engine Support Nuts or Screws			39 (29)	39 (29)	39 (29)	39 (29)
	Cylinder Head Nuts			29 (21)	29 (21)	29 (21)	29 (21)
	Crankcase/Cylinder Nuts or Screws			29 (21)	29 (21)	29 (21)	29 (21)
Axial Fan Shaft Nut			N.A.	N.A.	N.A.	N.A.	



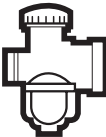


## Section 10 TECHNICAL DATA

### Subsection 02 (ENGINES)

VEHICLE MODEL		SUMMIT 500	SUMMIT X 670	GRAND TOURING 500	GRAND TOURING 583		
<b>ENGINE TYPE</b>		<b>494</b>	<b>670</b>	<b>494</b>	<b>583</b>		
	Number of Cylinders	2	2	2	2		
	Bore	69.5 (2.736) mm (in)	78.0 (3.071) mm (in)	69.5 (2.736) mm (in)	76.0 (2.992) mm (in)		
	Stroke	65.8 (2.59) mm (in)	70.0 (2.760) mm (in)	65.8 (2.59) mm (in)	64.0 (2.52) mm (in)		
	Displacement	499.3 (30.47) cm <sup>3</sup> (in <sup>3</sup> )	668.97 (40.82) cm <sup>3</sup> (in <sup>3</sup> )	499.3 (30.47) cm <sup>3</sup> (in <sup>3</sup> )	580.7 (35.44) cm <sup>3</sup> (in <sup>3</sup> )		
	Compression Ratio (corrected)	6.8	6.2	6.7	6.7		
	Maximum Power Engine Speed ①	± 100 RPM	7800	8000	7800	7900	
	Piston Ring Type	1 <sup>st</sup> /2 <sup>nd</sup>	ST/R	ST/R	ST/R	ST/N.A.	
	Ring End Gap	New	0.25 (.010) mm (in)	0.25 (.0098) mm (in)	0.25 (.010) mm (in)	0.25 (.010) mm (in)	
		Wear Limit	1.0 (.039) mm (in)	1.0 (.039) mm (in)	1.0 (.039) mm (in)	1.0 (.039) mm (in)	
	Ring/Piston Groove Clearance	New	0.04 (.0016) mm (in)	0.04 (.0016) mm (in)	0.04 (.0016) mm (in)	0.04 (.0016) mm (in)	
		Wear Limit	0.2 (.0079) mm (in)	0.2 (.0079) mm (in)	0.2 (.0079) mm (in)	0.2 (.0079) mm (in)	
	Piston/Cylinder Wall Clearance	New	0.11 (.0043) mm (in)	0.10 (.0039) mm (in)	0.11 (.0043) mm (in)	0.11 (.0045) mm (in)	
		Wear Limit	0.15 (.0059) mm (in)	0.15 (.0059) mm (in)	0.15 (.0059) mm (in)	0.15 (.0059) mm (in)	
	Connecting Rod Big End Axial Play	New	0.39 (.0156) mm (in)	0.39 (.0154) mm (in)	0.39 (.0154) mm (in)	0.39 (.0154) mm (in)	
		Wear Limit	1.2 (.0472) mm (in)	1.2 (.0472) mm (in)	1.2 (.0472) mm (in)	1.2 (.0472) mm (in)	
	Maximum Crankshaft End-Play ②	mm (in)	0.3 (.012)	0.3 (.012)	0.3 (.012)	0.3 (.012)	
	Maximum Crankshaft Deflection	mm (in)	0.08 (.0031)	0.08 (.0031)	0.08 (.0031)	0.08 (.0031)	
Rotary Valve Timing ③ and P/N 420 924 XXX	Opening	135° - 64°	145° - 71°	135° - 64°	140° - 71°		
	Closing	509	500	509	502		
	Magneto Generator Output	W	220	220	220		
	Ignition Type		CDI	CDI	CDI		
	Spark Plug Make and Type		NGK BR9ES	NGK BR9ES	NGK BR9ES	NGK BR9ES	
	Spark Plug Gap	mm (in)	0.45 (.018)	0.45 (.018)	0.45 (.018)	0.45 (.018)	
	Ignition Timing BTDC ④ ⑤	mm (in)	1.81 (.071)	3.20 (.126)	1.81 (.071)	1.75 (.069)	
	Trigger Coil ⑤	Ω	190 - 300	190 - 300	190 - 300	190 - 300	
	Generating Coil ⑤	Ω	10 - 17	10 - 17	10 - 17	10 - 17	
	Lighting Coil ⑤	Ω	0.20 - 0.35	0.20 - 0.35	0.20 - 0.35	0.20 - 0.35	
	High Tension Coil ⑤	Primary	Ω	0.3 - 0.7	0.3 - 0.7	0.3 - 0.7	
		Secondary	kΩ	8 - 16	8 - 16	8 - 16	
	Carburetor Type	PTO/MAG	VM 38 (H.A.C.) 414/415	VM 44 38/39	VM 38 410/411	VM 38 416/417	
	Main Jet	PTO/MAG	350/330	350/340	300/280	270/260	
	Needle Jet		480-06	224 AA-8	480-03	480-P7	
	Pilot Jet		75	55	50	50	
	Needle Identification — clip position		6DHY48-4	7ECY1-2	6DGY9-2	6DEY4-2	
	Slide Cut-Away		2.5	2.5	2.5	2.5	
	Float Adjustment	± 1 mm (± .040 in)	18.1 (.71)	22.9 (.90)	18.1 (.71)	18.1 (.71)	
	Air Screw Adjustment	± 1/16 Turn	2	1-3/4	2	2	
	Idle Speed	± 200 RPM	1800	1700	1800	1800	
	Gas Type/Pump Octane Number		Unleaded/87	Super Unleaded/91	Unleaded/87	Unleaded/87	
	Gas/Oil Ratio		Injection	Injection	Injection	Injection	
	Type		Liquid	Liquid	Liquid	Liquid	
	Axial Fan Belt Adjustment	Deflection ⑥	mm (in)	N.A.	N.A.	N.A.	
		Force	kg (lbf)	N.A.	N.A.	N.A.	
	Thermostat Opening Temperature	°C (°F)	42 (108)	42 (108)	42 (108)	42 (108)	
Radiator Cap Opening Pressure	kPa (PSI)	90 (13)	90 (13)	90 (13)	90 (13)		
	ENGINE COLD N <sub>m</sub> (lb•ft)	Drive Pulley Retaining Screw		⑦	⑦	⑦	
		Exhaust Manifold Nuts or Bolts		23 (17)	23 (17)	23 (17)	23 (17)
		Magneto Ring Nut		125 (92)	125 (92)	100 (74)	125 (92)
		Crankcase Nuts or Screws	M6	9 (6.5)	9 (6.5)	9 (6.5)	9 (6.5)
			M8	29 (21)	29 (21)	29 (21)	23 (17)
		Crankcase/Engine Support Nuts or Screws		39 (29)	39 (29)	39 (29)	39 (29)
		Cylinder Head Nuts		29 (21)	29 (21)	29 (21)	29 (21)
		Crankcase/Cylinder Nuts or Screws		29 (21)	29 (21)	29 (21)	29 (21)
Axial Fan Shaft Nut		N.A.	N.A.	N.A.	N.A.		





# Section 10 TECHNICAL DATA

## Subsection 02 (ENGINES)

	VEHICLE MODEL		SKANDIC WT	SKANDIC SWT	SKANDIC WT LC	
	<b>ENGINE TYPE</b>		<b>503</b>	<b>503</b>	<b>494</b>	
	Number of Cylinders		2	2	2	
	Bore	mm (in)	72.0 (2.835)	72.0 (2.835)	69.5 (2.736)	
	Stroke	mm (in)	61.0 (2.402)	61.0 (2.402)	65.8 (2.59)	
	Displacement	cm <sup>3</sup> (in <sup>3</sup> )	496.7 (30.31)	496.7 (30.31)	499.3 (30.47)	
	Compression Ratio (corrected)		6.2	6.2	6.8	
	Maximum Power Engine Speed ①	± 100 RPM	6800	6800	7000	
	Piston Ring Type	1 <sup>st</sup> /2 <sup>nd</sup>	ST/R	ST/R	ST/R	
	Ring End Gap	New	mm (in)	0.2 (.0079)	0.2 (.0079)	0.25 (.010)
		Wear Limit	mm (in)	1.0 (.039)	1.0 (.039)	1.0 (.039)
	Ring/Piston Groove Clearance	New	mm (in)	0.04 (.0016)	0.04 (.0016)	0.04 (.0016)
		Wear Limit	mm (in)	0.2 (.0079)	0.2 (.0079)	0.2 (.0079)
	Piston/Cylinder Wall Clearance	New	mm (in)	0.9 (.0035)	0.9 (.0035)	0.11 (.0043)
		Wear Limit	mm (in)	0.2 (.0079)	0.2 (.0079)	0.15 (.0059)
	Connecting Rod Big End Axial Play	New	mm (in)	0.2 (.0079)	0.2 (.0079)	0.39 (.0154)
Wear Limit		mm (in)	1.0 (.0394)	1.0 (.0394)	1.2 (.0472)	
Maximum Crankshaft End-Play ②	mm (in)	0.3 (.012)	0.3 (.012)	0.3 (.012)		
Maximum Crankshaft Deflection	mm (in)	0.08 (.0031)	0.08 (.0031)	0.08 (.0031)		
Rotary Valve Timing ③ and P/N 420 924 XXX	Opening Closing	N.A.	N.A.	148° – 52° 509		
	Magneto Generator Output	W	240	240	220	
	Ignition Type		CDI	CDI	CDI	
	Spark Plug Make and Type		NGK BR9ES	NGK BR9ES	NGK BR9ES	
	Spark Plug Gap	mm (in)	0.45 (.018)	0.45 (.018)	0.45 (.018)	
	Ignition Timing BTDC ④⑤	mm (in)	1.66 (.065)	1.66 (.065)	1.81 (.071)	
	Trigger Coil ⑤	Ω	140 – 180	140 – 180	190 – 300	
	Generating Coil ⑤	Ω	230 – 330	230 – 330	10 – 17	
	Lighting Coil ⑤	Ω	0.23 – 0.28	0.23 – 0.28	0.20 – 0.35	
	High Tension Coil ⑤	Primary	Ω	N.A.	N.A.	0.3 – 0.7
Secondary		kΩ	5.1 – 6.3	5.1 – 6.3	8 – 16	
	Carburetor Type	PTO/MAG	2 x VM 34	2 x VM 34	VM 34 501/500	
	Main Jet	PTO/MAG	210	185	250/240	
	Needle Jet		159 P4	159 P-1	159-P2	
	Pilot Jet		40	40	40	
	Needle Identification — clip position		6DH2-3	6DH2-3	6DH4-2	
	Slide Cut-Away		2.5	2.5	2.5	
	Float Adjustment	± 1 mm (± .040 in)	36.5 (1.44)	36.5 (1.44)	36.5 (1.44)	
	Air Screw Adjustment	± 1/16 Turn	1	1-1/4	1	
	Idle Speed	± 200 RPM	1900	1900	1900	
	Gas Type/Pump Octane Number		Unleaded/87	Unleaded/87	Unleaded/87	
	Gas/Oil Ratio		Injection	Injection	Injection	
	Type		Axial Fan	Axial Fan	Liquid	
	Axial Fan Belt Adjustment	Deflection ⑥	mm (in)	9 – 10 (.35 – .39)	9 – 10 (.35 – .39)	N.A.
		Force	kg (lbf)	5 (11)	5 (11)	N.A.
	Thermostat Opening Temperature	°C (°F)	N.A.	N.A.	42 (108)	
Radiator Cap Opening Pressure	kPa (PSI)	N.A.	N.A.	90 (13)		
	ENGINE COLD N•m (lbf•ft)	Drive Pulley Retaining Screw	⑦	⑦	⑦	
		Exhaust Manifold Nuts or Bolts	22 (16)	22 (16)	22 (16)	
		Magneto Ring Nut	105 (77)	105 (77)	125 (92)	
		Crankcase Nuts or Screws	M6	—	—	9 (6.5)
			M8	22 (16)	22 (16)	21 (16)
		Crankcase/Engine Support Nuts or Screws		39 (29)	39 (29)	39 (29)
		Cylinder Head Nuts		22 (16)	22 (16)	29 (21)
Crankcase/Cylinder Nuts or Screws		N.A.	N.A.	29 (21)		
Axial Fan Shaft Nut		48 (35)	48 (35)	N.A.		

# Section 10 TECHNICAL DATA

## Subsection 03 (VEHICLES)

VEHICLE MODEL		MX Z 440	MX Z 500	MX Z 670 HO	FORMULA Z 500		
<b>ENGINE TYPE</b>		<b>443</b>	<b>494</b>	<b>670</b>	<b>494</b>		
	Chain Drive Ratio	21/44	23/43	25/43	23/43		
	Chain	Pitch in	3/8	3/8	3/8	3/8	
		Type/Links Qty/Plates Qty	Silent 72/11	Silent 72/13	Silent 74/13	Silent 72/11	
	Drive Pulley	Type of Drive Pulley	TRA	TRA	TRA	TRA	
		Ramp Identification	291X ⑤	281 ⑤	297 ⑥	281 ⑤	
		Calibration Screw Position or — Calibration Disc Quantity	3	2	2	2	
		Spring Color	Blue/Yellow	Violet/Yellow	Green/Blue	Violet/Yellow	
		Spring Length ± 1.5 mm (± .060 in)	115.1 (4.53)	157.9 (6.22)	147.4 (5.80)	157.9 (6.22)	
		Clutch Engagement ± 200 RPM	3700	4100	4200	4100	
	Driven Pulley Spring Preload ± 0.7 kg (± 1.5 lb)	6.1 (13.4)	7.0 (15.4)	7.0 (15.4)	7.0 (15.4)		
	Cam Angle Degree	47°	50°	50°	50°		
	Pulley Distance Z (+ 0, - 1) mm (+ 0, - 1/32) in	16.5 ± 0.5 (.650 ± .020)	16.5 (.650)	16.5 (.650)	16.5 (.650)		
	Offset	X ± 0.5 mm (± .020 in)	35.5 (1.398)	35.5 (1.398)	35.5 (1.398)	35.5 (1.398)	
		Y - X MIN. - MAX. mm (in)	+ 0.5 (+ .020) + 1.5 (+ .059)	1.0 - 2.0 (.039 - .079)	1.0 - 2.0 (.039 - .079)	1.0 - 2.0 (.039 - .079)	
	Drive Belt Part Number (P/N)		414 060 600	414 860 700	417 300 067	414 860 700	
	Drive Belt Width (new) ① mm (in)		34.7 (1.366)	35.3 (1.390)	35.0 (1-3/8)	35.3 (1-3/8)	
	Drive Belt Adjustment	Deflection ± 5 mm (± 13/64 in)	32 (1-1/4)	32 (1-1/4)	32 (1-1/4)	32 (1-1/4)	
		Force ② kg (lbf)	11.3 (25)	11.3 (25)	11.3 (25)	11.3 (25)	
	Track	Width	cm (in)	38.1 (15.0)	38.1 (15.0)	38.1 (15.0)	38.1 (15.0)
			Length cm (in)	307 (121)	307 (121)	307 (121)	307 (121)
Profile Height		mm (in)	18.4 (.724)	22.3 (.878)	22.3 (.878)	18.4 (.724)	
		Adjustment	Deflection mm (in)	35 - 40 (1-3/8 - 1-3/4)	30 - 35 (1-3/16 - 1-3/8)	30 - 35 (1-3/16 - 1-3/8)	30 - 35 (1-3/16 - 1-3/8)
			Force ③ kg (lbf)	7.3 (16)	7.3 (16)	7.3 (16)	7.3 (16)
Suspension Type	Track	SC-10 Sport	SC-10 XC	SC-10 XC	SC-10 Sport		
	Ski	DSA	DSA	DSA	DSA		
	Length cm (in)	272.5 (107.3)	272.5 (107.3)	272.5 (107.3)	272.5 (107.3)		
	Width cm (in)	117.4 (46.2)	117.4 (46.2)	117.4 (46.2)	117.4 (46.2)		
	Height cm (in)	108 (42.5)	108 (42.5)	108 (42.5)	118 (46.5)		
	Ski Stance cm (in)	104.1 (41)	104.1 (41)	104.1 (41)	104.1 (41)		
	Mass (dry) kg (lb)	201 (442)	216 (475)	228 (502)	216 (475)		
	Ground Contact Area cm² (in²)	6671 (1034)	6671 (1034)	6671 (1034)	6671 (1034)		
	Ground Contact Pressure kPa (PSI)	2.96 (.429)	3.18 (.461)	3.35 (.486)	3.18 (.461)		
	Frame Material	Aluminum	Aluminum	Aluminum	Aluminum		
	Bottom Pan Material	Impact Copolymer	Impact Copolymer	Impact Copolymer	Impact Copolymer		
	Hood Material	RRIM Polyurethane	RRIM Polyurethane	RRIM Polyurethane	RRIM Polyurethane		
	Battery V (A•h)	N.A.	N.A.	N.A.	N.A.		
	Headlight W	H4 60/55	H4 60/55	H4 60/55	H4 60/55		
	Taillight and Stoplight W	8/27	8/27	8/27	8/27		
	Tachometer and Speedometer Bulbs W	3	3	3	3		
	Fuel and Temperature Gauge Bulbs W	N.A.	N.A.	N.A.	N.A.		
	Fuse	Starter Solenoid A	N.A.	N.A.	N.A.	N.A.	
		Tachometer A	N.A.	N.A.	N.A.	N.A.	
	Fuel Tank L (U.S. gal)	37 (9.8)	40 (10.6)	40 (10.6)	40 (10.6)		
	Chaincase/Gearbox mL (U.S. oz)	250 (8.5)	250 (8.5)	250 (8.5)	250 (8.5)		
	Cooling System ④ L (U.S. oz)	N.A.	4.7 (159)	4.7 (159)	4.7 (159)		
	Injection Oil Reservoir L (U.S. oz)	2.55 (86)	2.8 (95)	2.8 (95)	2.8 (95)		





# Section 10 TECHNICAL DATA

## Subsection 03 (VEHICLES)

VEHICLE MODEL		FORMULA DLX 500 LC	FORMULA Z 583	FORMULA DLX 583	FORMULA Z 670
<b>ENGINE TYPE</b>		<b>494</b>	<b>583</b>	<b>583</b>	<b>670</b>
Chain Drive Ratio		23/44	25/43	23/44	25/43
Chain	Pitch	in 3/8	3/8	3/8	3/8
	Type/Links Qty/Plates Qty	Silent 72/11	Silent 74/13	Silent 72/13	Silent 74/13
Drive Pulley	Type of Drive Pulley	TRA	TRA	TRA	TRA
	Ramp Identification	286 Ⓞ	286 Ⓞ	286 Ⓞ	286 Ⓞ
	Calibration Screw Position or — Calibration Disc Quantity	2	3	3	3
	Spring Color	Violet/Blue	Violet/Blue	Violet/Blue	Violet/Yellow
	Spring Length	± 1.5 mm (± .060 in) 114.6 (4.51)	114.6 (4.51)	114.6 (4.51)	157.9 (6.22)
	Clutch Engagement	± 200 RPM 3800	4100	4100	3800
Driven Pulley Spring Preload	± 0.7 kg (± 1.5 lb) 7.0 (15.4)	7.0 (15.4)	7.0 (15.4)	7.0 (15.4)	
Cam Angle	Degree 50°	50°	50°	50°	
Pulley Distance Z		(+ 0, - 1) mm (+ 0, - 1/32) in 16.5 (21/32)	16.5 (21/32)	16.5 (21/32)	16.5 (21/32)
Offset	X	± 0.5 mm (± .020 in) 35.5 (1.398)	35.5 (1.398)	35.5 (1.398)	35.5 (1.398)
	Y - X	MIN. - MAX. mm (in) 1.0 - 2.0 (.039 - .079)	1.0 - 2.0 (.039 - .079)	1.0 - 2.0 (.039 - .079)	1.0 - 2.0 (.039 - .079)
Drive Belt Part Number (P/N)		414 860 700	414 860 700	414 860 700	417 300 067
Drive Belt Width (new) ①		mm (in) 35.3 (1-3/8)	35.3 (1-3/8)	35.3 (1-3/8)	35.0 (1-3/8)
Drive Belt Adjustment	Deflection	± 5 mm (± 13/64 in) 32 (1-1/4)	32 (1-1/4)	32 (1-1/4)	32 (1-1/4)
	Force ②	kg (lbf) 11.3 (25)	11.3 (25)	11.3 (25)	11.3 (25)
Track	Width	cm (in) 38.1 (15.0)	38.1 (15.0)	38.1 (15.0)	38.1 (15.0)
	Length	cm (in) 307 (121)	307 (121)	307 (121)	307 (121)
	Profile Height	mm (in) 18.4 (.724)	22.3 (.878)	22.3 (.878)	22.3 (.878)
	Adjustment	Deflection	mm (in) 30 - 35 (1-3/16 - 1-3/8)	30 - 35 (1-3/16 - 1-3/8)	30 - 35 (1-3/16 - 1-3/8)
Force ③		kg (lbf) 7.3 (16)	7.3 (16)	7.3 (16)	7.3 (16)
Suspension Type	Track	SC-10 HP	SC-10 HP	SC-10 HP	ARM
	Ski	DSA	DSA	DSA	DSA
Length		cm (in) 272.5 (107.3)	272.5 (107.3)	272.5 (107.3)	272.5 (107.3)
Width		cm (in) 120.0 (47.2)	117.4 (46.2)	120.0 (47.2)	117.4 (46.2)
Height		cm (in) 106.9 (42.1)	108 (42.5)	106.9 (42.1)	108 (42.5)
Ski Stance		cm (in) 106.7 (42)	104.1 (41)	106.7 (42)	104.1 (41)
Mass (dry)		kg (lb) 230 (505)	227 (499)	240 (529)	227 (499)
Ground Contact Area		cm <sup>2</sup> (in <sup>2</sup> ) 6671 (1034)	6671 (1034)	6671 (1034)	6771 (1034)
Ground Contact Pressure		kPa (PSI) 3.38 (.490)	3.34 (.484)	3.53 (.512)	3.34 (.484)
Frame Material		Aluminum	Aluminum	Aluminum	Aluminum
Bottom Pan Material		Impact Copolymer	Impact Copolymer	Impact Copolymer	Impact Copolymer
Hood Material		RRIM Polyurethane	RRIM Polyurethane	RRIM Polyurethane	RRIM Polyurethane
Battery		V (A•h) 12 (22)	N.A.	12 (22)	N.A.
Headlight		W H4 60/55	H4 60/55	H4 60/55	H4 60/55
Taillight and Stoplight		W 8/27	8/27	8/27	8/27
Tachometer and Speedometer Bulbs		W 3	3	3	3
Fuel and Temperature Gauge Bulbs		W N.A.	3/3	N.A.	3/3
Fuse	Starter Solenoid	A 30	N.A.	N.A.	N.A.
	Tachometer	A N.A.	N.A.	N.A.	N.A.
Fuel Tank		L (U.S. gal) 40 (10.6)	40 (10.6)	40 (10.6)	40 (10.6)
Chaincase/Gearbox		mL (U.S. oz) 250 (8.5)	250 (8.5)	250 (8.5)	250 (8.5)
Cooling System ④		L (U.S. oz) 4.7 (159)	4.7 (159)	4.7 (159)	4.7 (159)
Injection Oil Reservoir		L (U.S. oz) 2.8 (95)	2.8 (95)	2.8 (95)	2.8 (95)

## Section 10 TECHNICAL DATA

### Subsection 03 (VEHICLES)

VEHICLE MODEL		FORMULA DLX 670	SUMMIT 500	SUMMIT X 670	GRAND TOURING 500	
<b>ENGINE TYPE</b>		<b>670</b>	<b>494</b>	<b>670</b>	<b>494</b>	
	Chain Drive Ratio	25/43	21/43	23/43	23/44	
	Chain	Pitch in	3/8	3/8	3/8	3/8
		Type/Links Qty/Plates Qty	Silent 74/13	Silent 72/11	Silent 72/13	Silent 72/11
	Drive Pulley	Type of Drive Pulley	TRA	TRA	TRA	TRA
		Ramp Identification	286 Ⓞ	294 Ⓞ	286 Ⓞ	228 Ⓞ
		Calibration Screw Position or — Calibration Disc Quantity	3	4	5	2
		Spring Color	Violet/Yellow	Violet/Yellow	Violet/Yellow	Blue/Green
		Spring Length ± 1.5 mm (± .060 in)	157.9 (6.22)	157.9 (6.22)	157.9 (6.22)	105.7 (4.16)
		Clutch Engagement ± 200 RPM	3800	4200	4100	3600
	Driven Pulley Spring Preload ± 0.7 kg (± 1.5 lb)	7.0 (15.4)	7.0 (15.4)	7.0 (15.4)	7.0 (15.4)	
	Cam Angle degree	50°	44°	50°	44°	
	Pulley Distance Z (+ 0, - 1) mm ((+ 0, - 1/32) in)	16.5 (21/32)	16.5 (21/32)	16.5 (21/32)	16.5 (21/32)	
	Offset	X ± 0.5 mm (± .020 in)	35.5 (1.398)	35.5 (1.398)	35.0 (1-3/8)	35.5 (1.398)
		Y - X MIN. - MAX. mm (in)	1.0 - 2.0 (.039 - .079)	1.0 - 2.0 (.039 - .079)	1.0 - 2.0 (.039 - .079)	1.0 - 2.0 (.039 - .079)
	Drive Belt Part Number (P/N)		417 300 067	415 860 700	415 099 000	414 860 700
	Drive Belt Width (new) ① mm (in)		35.0 (1-3/8)	35.3 (1-3/8)	35.0 (1-3/8)	35.3 (1-3/8)
	Drive Belt Adjustment	Deflection ± 5 mm (± 13/64 in)	32 (1-1/4)	32 (1-1/4)	32 (1-1/4)	32 (1-1/4)
		Force ② kg (lbf)	11.3 (25)	11.3 (25)	11.3 (25)	11.3 (25)
	Track	Width cm (in)	38.1 (15.0)	38.1 (15.0)	38.1 (15.0)	38.1 (15.0)
		Length cm (in)	307 (121)	345.5 (136)	345.5 (136)	345.5 (136)
Profile Height mm (in)		22.3 (.878)	36.8 (1.449)	50.8 (2.000)	18.4 (.724)	
Adjustment		Deflection mm (in)	30 - 35 (1-3/16 - 1-3/8)	35 - 40 (1-3/8 - 1-3/4)	35 - 40 (1-3/8 - 1-3/4)	30 - 35 (1-3/16 - 1-3/8)
		Force ③ kg (lbf)	7.3 (16)	7.3 (16)	7.3 (16)	7.3 (16)
Suspension Type	Track	ARM	SC-10 Mountain	SC-10 Mountain	SC-10 Touring	
	Ski	DSA	DSA	DSA	DSA	
	Length cm (in)	272.5 (107.3)	293.9 (115.7)	293.9 (115.7)	297.8 (117.2)	
	Width cm (in)	120.0 (47.2)	107.3 (42.3)	107.3 (42.3)	120.0 (47.2)	
	Height cm (in)	107 (42.1)	113 (44.5)	113 (44.5)	128.3 (50.5)	
	Ski Stance cm (in)	106.7 (42)	94 (37)	94 (37)	106.7 (42)	
	Mass (dry) kg (lb)	242 (533)	220 (484)	229 (503)	251 (553)	
	Ground Contact Area cm² (in²)	6771 (1034)	7356.7 (1140.3)	7357 (1140)	7423.2 (1150.6)	
	Ground Contact Pressure kPa (PSI)	3.56 (.516)	2.93 (.425)	3.05 (.442)	3.32 (.481)	
	Frame Material	Aluminum	Aluminum	Aluminum	Aluminum	
	Bottom Pan Material	Impact Copolymer	Impact Copolymer	Impact Copolymer	Impact Copolymer	
	Hood Material	RRIM Polyurethane	RRIM Polyurethane	RRIM Polyurethane	RRIM Polyurethane	
	Battery V (A•h)	12 (22)	N.A.	N.A.	12 (22)	
	Headlight W	H4 60/55	H4 60/55	H4 60/55	H4 60/55	
	Taillight and Stoplight W	8/27	8/27	8/27	8/27	
	Tachometer and Speedometer Bulbs W	3	3	3	3	
	Fuel and Temperature Gauge Bulbs W	3/3	N.A.	N.A.	3	
	Fuse	Starter Solenoid A	30	N.A.	N.A.	30
		Tachometer A	N.A.	N.A.	N.A.	N.A.
	Fuel Tank L (U.S. gal)	40 (10.6)	40 (10.6)	40 (10.6)	40 (10.6)	
	Chaincase/Gearbox mL (U.S. oz)	250 (8.5)	250 (8.5)	250 (8.5)	250 (8.5)	
	Cooling System ④ L (U.S. oz)	4.7 (159)	5.0 (169)	5.0 (169)	5.0 (169)	
	Injection Oil Reservoir L (U.S. oz)	2.8 (95)	2.8 (95)	2.8 (95)	2.8 (95)	



# Section 10 TECHNICAL DATA

## Subsection 03 (VEHICLES)

VEHICLE MODEL		GRAND TOURING 583	SKANDIC WT	SKANDIC SWT	SKANDIC WT LC		
<b>ENGINE TYPE</b>		<b>583</b>	<b>503</b>	<b>503</b>	<b>494</b>		
Chain Drive Ratio		23/44	N.A.	N.A.	N.A.		
Chain	Pitch	in 3/8	N.A.	N.A.	N.A.		
	Type/Links Qty/Plates Qty	Silent 72/13	N.A.	N.A.	N.A.		
Drive Pulley	Type of Drive Pulley	TRA	TRA	TRA	TRA		
	Ramp Identification	285 Ⓞ	290 Ⓞ	290 Ⓞ	290 Ⓞ		
	Calibration Screw Position or — Calibration Disc Quantity	3	4	2	4		
	Spring Color	Red/Orange	Yellow/Orange	Yellow/Orange	Yellow/Blue		
	Spring Length	± 1.5 mm (± .060 in)	91.2 (3.56)	105.7 (4.16)	105.7 (4.16)	90.7 (3.57)	
	Clutch Engagement	± 200 RPM	3100	3000	3000	3000	
Driven Pulley Spring Preload		± 0.7 kg (± 1.5 lb)	7.0 (15.4)	7.0 (15.4)	7.0 (15.4)	7 (15.4)	
Cam Angle		Degree	47°	40°	40°	40°	
Pulley Distance Z		(+ 0, - 1) mm (+ 0, - 1/32) in	16.5 (21/32)	32.3 (1-9/32)	32.3 (1-9/32)	32.3 (1-9/32)	
Offset	X	± 0.5 mm (± .020 in)	35.5 (1.398)	35.0 (1.380)	35.0 (1.380)	35.0 (1.380)	
	Y - X	MIN. - MAX.	mm (in)	1.0 - 2.0 (.039 - .079)	0.75 - 2.25 (.030 - .086)	1.0 - 2.0 (.039 - .079)	0.75 - 2.25 (.030 - .086)
Drive Belt Part Number (P/N)			414 860 700	414 633 800	414 633 800	414 633 800	
Drive Belt Width (new) ①		mm (in)	35.3 (1-3/8)	34.6 (1-3/8)	34.6 (1-3/8)	34.6 (1-3/8)	
Drive Belt Adjustment		Deflection	± 5 mm (± 13/64 in)	32 (1-1/4)	32 (1-1/4)	32 (1-1/4)	
		Force ②	kg (lbf)	11.3 (25)	11.3 (25)	11.3 (25)	11.3 (25)
Track	Width		cm (in)	38.1 (15.0)	50.0 (19.7)	60.0 (23.6)	50.0 (19.7)
	Length		cm (in)	345.5 (136)	396.8 (156.2)	396.8 (156.2)	396.8 (156.2)
	Profile Height		mm (in)	18.4 (.724)	23.5 (.925)	23.5 (.925)	23.5 (.925)
	Adjustment	Deflection	mm (in)	30 - 35 (1-3/16 - 1-3/8)	40 - 50 (1-9/16 - 1-31/32)	40 - 50 (1-9/16 - 1-31/32)	40 - 50 (1-9/16 - 1-31/32)
		Force ③	kg (lbf)	7.3 (16)	7.3 (16)	7.3 (16)	7.3 (16)
Suspension Type		Track	SC-10 Touring	Skandic WT	Skandic WT	Skandic WT	
		Ski	DSA	Telescopic Strut	Telescopic Strut	Telescopic Strut	
Length		cm (in)	297.8 (117.2)	302.0 (118.9)	315.0 (124.0)	302.0 (118.9)	
Width		cm (in)	120.0 (47.2)	104.5 (41.1)	110.0 (43.3)	104.5 (41.1)	
Height		cm (in)	128.3 (50.5)	122 (48)	133 (52.4)	122 (48)	
Ski Stance		cm (in)	106.7 (42)	90.0 (35.4)	90.0 (35.4)	90.0 (35.4)	
Mass (dry)		kg (lb)	251 (553)	255 (562)	277 (611)	281 (620)	
Ground Contact Area		cm <sup>2</sup> (in <sup>2</sup> )	7423.2 (1150.6)	10793 (1672.9)	13986 (2167.8)	11213 (1738)	
Ground Contact Pressure		kPa (PSI)	3.32 (.481)	2.35 (.341)	1.98 (.287)	2.27 (.329)	
Frame Material			Aluminum	Steel	Steel	Steel	
Bottom Pan Material			Impact Copolymer	HD Polyethylene	HD Polyethylene	HD Polyethylene	
Hood Material			RRIM Polyurethane	RRIM	RRIM	RRIM	
Battery		V (A•h)	12 (22)	12 (22)	12 (22)	12 (22)	
Headlight		W	H4 60/55	H4 60/55	H4 60/55	H4 60/55	
Taillight and Stoplight		W	8/27	8/27	8/27	8/27	
Tachometer and Speedometer Bulbs		W	3	3	3	3	
Fuel and Temperature Gauge Bulbs		W	3	N.A.	N.A.	N.A.	
Fuse	Starter Solenoid	A	30	20	20	20	
	Tachometer	A	N.A.	N.A.	N.A.	N.A.	
Fuel Tank		L (U.S. gal)	40 (10.6)	42 (11.1)	42 (11.1)	42 (11.1)	
Chaincase/Gearbox		mL (U.S. oz)	250 (8.5)	400 (13.5)	400 (13.5)	400 (13.5)	
Cooling System ④		L (U.S. oz)	5.0 (169)	N.A.	N.A.	N.A.	
Injection Oil Reservoir		L (U.S. oz)	2.8 (95)	2.5 (84.5)	2.5 (84.5)	2.5 (84.5)	

## ENGINE LEGEND

BTDC: Before Top Dead Center  
CDI: Capacitor Discharge Ignition  
CTR: Center  
K: Kilo (× 1000)  
MAG: Magneto Side  
N.A.: Not Applicable  
PTO: Power Take Off Side  
R: Rectangular  
ST: Semi-trapeze

- ① The maximum horsepower RPM applicable on the vehicle. It may be different under certain circumstances and **BOMBARDIER INC.** reserves the right to modify it without obligation.
- ② Crankshaft end-play is not adjustable on these models. Specification is given for verification purposes only.
- ③ Rotary valve to crankcase clearance: 0.27 - 0.48 mm (.011 - .019 in).
- ④ All models except MX Z 670 HO and Summit X 670: At 6000 RPM (engine cold) with headlamp turned on.
- ⑤ All resistance measurements must be performed with parts at room temperature (approx. 20°C (68°F)). Temperature greatly affects resistance measurements.
- ⑥ Force applied midway between pulleys to obtain specified tension deflection.
- ⑦ Drive pulley retaining screw: torque to 90 to 100 N•m (66 to 74 lbf•ft), install drive belt, accelerate the vehicle at low speed (maximum 30 km/h (20 MPH)) and apply the brake; repeat 5 times. Recheck the torque of 90 to 100 N•m (66 to 74 lbf•ft).
- ⑧ MX Z 670 HO and Summit X 670: At 3500 RPM (engine cold) with headlamp turned on.

## VEHICLE LEGEND

DSA: Direct Shock Action  
RRIM: Reinforced Reaction Injection Molding  
TRA: Total Range Adjustable  
N.A.: Not Applicable

- ① Minimum allowable width may not be less than 3.0 mm (1/8 in) of a new drive belt.
- ② Force applied midway between pulleys to obtain specified tension deflection.
- ③ Force or downward pull applied to track to obtain specified tension deflection.
- ④ Coolant mixture: 60% antifreeze/40% water.
- ⑤ Lever with roller pin P/N 417 004 309 (hollow).
- ⑥ Lever with roller pin P/N 417 004 308 (solid).