

Specifications

Year: 2017	Model: CBR300R	Area: A	Vehicle Type: MOTORCYCLE	Model Code:
VIN Start:		Specification		
49 State:		N/A		
50 State, meets CA:		N/A		
Weight Capacity:		Specification		
49 State:		166 kg (366 lbs)		
50 State, meets CA:		N/A		
Publication Order Numbers:		Specification		
Service Manual:		N/A		
Owner's Manual:		N/A		
Engine:		Specification, Units: mm (in)		
Cylinder arrangement:		Single cylinder inclined 20° from vertical		
Bore and stroke:		76 x 63 mm (2.99 x 2.48 in)		
Displacement:		286 cm ³ (17.4 cu-in)		
Cylinder compression at rpm:		1,294 kPa (13.2 kgf/cm ² , 188 psi) @ 490 rpm		
Cylinder-to-piston clearance				
Standard:		N/A		
Service Limit:		N/A		
Valve Clearance (cold)				
Intake:		0.16 ± 0.03 (0.006 ± 0.001)		
Exhaust:		0.27 ± 0.03 (0.011 ± 0.001)		
Recommended engine oil/classification/viscosity:		Pro Honda GN4 4-stroke oil/API: SG or higher, JASO T 903 standard: MA/SAE 1		
Oil capacity after draining/engine oil filter change:		1.5 liters (1.6 US qt, 1.3 Imp qt)		
Oil pressure at oil pressure switch:		N/A		
Fuel/oil mixing ratio:		N/A		
Transmission:		Specification		
Recommended transmission oil/classification/viscosity:		N/A		
Capacity after draining:		N/A		
Final Drive:		Specification		
Recommended oil viscosity				
Front:		N/A		
Rear:		N/A		
Oil capacity at draining				
Front:		N/A		
Rear:		N/A		
C/S sprocket:		14		
Rear sprocket:		36		
Drive chain size (x) links:		520 x 108		
Drive chain slack:		20 – 30 (0.8 – 1.2)		
Cooling System:		Specification		
Recommended antifreeze/concentration:		Pro Honda HP Coolant or ethylene glycol antifreeze		
Coolant capacity,radiator and engine:		1.10 liters (1.16 US qt, 0.97 Imp qt)		
Fuel System:		Specification		
Type/throttle bore:		PGM-FI/38 mm (1.5 in)		
Carburetor/throttle body ID #:		GQ9JA		
Float level:		N/A		
Main jet:		N/A		
Slow jet:		N/A		
Jet needle/clip position:		N/A		
Needle jet:		N/A		
Pilot screw initial opening:		N/A		
Idle speed (+/- 100 rpm):		1,400 ± 100 min ⁻¹ (rpm)		
Fuel pressure at idle:		294 kPa (3.0 kgf/cm ² , 43 psi)		
Starter valve vacuum difference:		N/A		
Throttle grip/lever free play:		2 – 6 mm (1/16 – 1/4 in)		

Suspension:	Specification
Recommended fork fluid:	Pro Honda Suspension Fluid SS-8 (10W)
Fork fluid capacity/and level:	331 ± 2.5 cm ³ (11.2 ± 0.08 US oz)/ 150 (5.9)
Gas/air pressure:	N/A
Recommended rear shock oil:	N/A
Damper gas pressure:	N/A
Toe In/Out adjustment(TRX, MUV, and SXS only):	N/A
Tires:	Specification
Front Size:	110/70-17M/C 54S
Cold tire pressure:	200 kPa (2.00 kgf/cm ² , 29 psi)
Rear Size:	140/70-17M/C 66S
Cold tire pressure:	200 kPa (2.00 kgf/cm ² , 29 psi)
Battery/Charging System:	Specification
Charging system type:	Triple phase output alternator
BatteryCapacity/Model:	12 V - 6 Ah/YTX7L-BS
Battery voltage	
Fully charged:	13.0 – 13.2 V
Needs charging:	Below 12.3 V
Battery charging current	
Normal:	0.6 A/5 – 10 h
Quick:	3 A/1 h
Regulated voltage at rpm:	Measured BV < Measured CV < 15.5 V @ 5000 rpm
Alternator charging coil resistance:	0.1 – 1.0 Ω
Lighting Equipment:	Specification
Lighting coil resistance:	N/A
Headlight bulb	
Hi:	N/A
Lo:	12 V - 60/55 W
Brake/tail light:	12 V - 21/5 W
Front turn signal/running light bulb:	12 V - 21 W x 2
Rear turn signal light bulb:	12 V - 21 W x 2
Ignition System:	Specification
Ignition system type:	Computer-controlled digital transistorized with el
Ignition timing (F mark):	10° BTDC at idle
Spark plug	
Standard - NGK:	SIMR8A9
DENSO:	N/A
Optional - NGK:	N/A
DENSO:	N/A
Spark plug gap:	0.8 – 0.9 mm (0.031 – 0.035 in)
Ignition coil peak voltage:	100 V minimum
Ignition pulse generator peak voltage:	0.7 V minimum
Alternator exciter coil peak voltage:	N/A
Torque value:	Specification, Unit: N.m (kgf.m, lbf.ft)
Front axle bolt/nut:	59 (6.0, 44)
Front axle holder/pinchbolt/nut:	22 (2.2, 16)
Rear axle nut:	88 (9.0, 65)
Rear axle pinch bolt:	N/A
Engine oil drain bolt	
Crankcase:	24 (2.4, 18)
Oil tank:	N/A
Transmission oil drain bolt:	N/A
Cylinder head cover bolt:	10 (1.0, 7)