Service Data Table

Engine and Electrical

Name of part	Project	Complement	Standard value	Limit
Ignition timing	When idling	N Or P position (When SCS is short)	BTDC0±2°	
Spark Plug	Electrode space		1.0－1.1mm	
Ignition coil	Ignition sequence		1－3－4－2	
Starter Motor	Mica Depth		0.4－0.5mm	0.15mm
	Connor's swing		0.02mm以下	0.05mm
	Outer diameter of the communicator		28.0－28.1mm	27.5mm
	Brush length		11.1－11.5mm	4.3mm

Engine

Name of part	Project	Complement	Standard value	Limit
Engine	Compression pressure	When cranking	－	980kPa(9.99kgf/cm²)
		Difference between each cylinder	－	200kPa(2.04kgf/cm²)
Cylinder head	Strain of cylinder block-matching surface		0.08mm以下	－
	Height		133.9－134.1mm	－
Camshaft	Axial rattling		0.065－0.215mm	0.415mm
	Oil Clearance(IN)	No.1 Journal	0.030－0.069mm	0.12mm
		No.2x3x4....	0.060－0.099mm	0.15mm
	Oil Clearance(EX)	No.1	0.060－0.099mm	0.15mm
	Runout		0.03mm以下	－
	Cam Height	IN Primary	33.557mm	－
		IN Middle	34.603mm	－
		IN Secondary	33.557mm	－
		Former	33.885mm	－
Valve	Valve clearance (cold)	IN	0.21－0.25mm	－
		Former	0.25－0.29mm	－
	Stem outer diameter	IN	5.475－5.490mm	5.445mm
		Former	5.445－5.460mm	5.415mm
	Guide and stem clearance	IN	0.020－0.055mm	0.08mm
		Former	0.050－0.085mm	0.11mm
Valve seat	Width per sheet	IN	0.85－1.15mm	1.60mm
		Former	1.25－1.55mm	2.00mm
	Valve mounting height	IN	50.55－50.95mm	51.25mm
		Former	48.4－48.8mm	49.1mm
Valve Guide	Protruding length	IN	18.65－19.15mm	－

Name of part	Project	Complement	Standard value	Limit
		Former	18.65－19.15mm	－
Rocca Arm	Clearance with rocca shaft	IN Primary	0.018－0.064mm	0.08mm
		IN Middle	0.018－0.059mm	0.08mm
		IN Secondary	0.018－0.064mm	0.08mm
		Former	0.018－0.059mm	0.08mm

Name of part	Project	Complement	Standard value	Limit
Cylinder Block	Distortion of cylinder head mating surface		0.07mm以下	－
	Inner diameter	X方向	73.000－73.020mm	73.065mm
		Andhe	73.000－73.015mm	73.065mm
	Difference between the upper and lower diameters		－	0.050mm
Piston	Outer diameter (at 16mm from the bottom of the skirt)		72.980－72.990mm	72.970mm
	Gap between the cylinder block inner diameter(Y direction)		0.010－0.035mm	0.050mm
Piston ring	Gap with piston groove	Top	0.045－0.070mm	0.130mm
		Second (Riken)	0.030－0.055mm	0.120mm
		セカンド（TPR）	0.035－0.060mm	0.120mm
	Gap between the joint scan	Top (Riken)	0.15－0.25mm	0.60mm
		トップ（TPR）	0.15－0.30mm	0.60mm
		Second	0.30－0.42mm	0.65mm
		Oil (Riken)	0.20－0.50mm	0.80mm
		オイル（TPR）	0.10－0.40mm	0.80mm
Piston pin	Outside diameter		17.960－17.964mm	17.960mm
	Clearance with piston		-0.004－0.003mm	0.006mm
Connecting rod	Clearance with piston pins		0.005－0.015mm	0.020mm
	Piston pin hole diameter		17.969－17.975mm	－
	Pin Journal Hole Diameter		43mm	－
	Rattling in the large end axis direction		0.15－0.35mm	0.45mm
Crankshaft	Main journal diameter		45.976－46.000mm	－
	Pin Journal Diameter		39.976－40.000mm	－
	テーパ (円筒度)		0.005mm以下	0.010mm
	Roundness		0.005mm以下	0.010mm
	Axial play		0.10－0.35mm	0.45mm
	Runout		0.03mm以下	0.04mm
Bearing	Journal Oil Clearance		0.018－0.036mm	0.050mm
	Pin Oil Clearance		0.020－0.038mm	0.050mm
Recommended Engine Oil	Recommended Engine Oil		Honda Genuine oil ULTRA NEXT * (Honda's new fuel-saving oil) ULTRA Green (Honda fuel-saving oil) ULTRA LEO (API SN class SAE 0W-20) Or engine oil with API CERTIFICATION mark or oil SM *: The most fuel-efficient oil	

Name of part	Project	Complement	Standard value	Limit
	Amount of oil	During disassembly and assembly	4.0L	
		When only oil is changed	3.1L	
		Oil, at the time of simultaneous filter exchange	3.3L	
Relief Valve	Adjustment hydraulic pressure	油温80℃、アイドリング時	80kpa (0.82 kgf/cm²)以上	—
		油温80℃、3,000rpm時	330kpa (3.37 kgf/cm²)以上	—
Radiator solution	Specified liquid		Honda Genuine Ultra e Coolant	
	Engine / radiator specified quantity (including reserve tank capacity)	When decomposition	4.62L	
		At the time of exchange	3.60L	
	Reserve tank capacity		0.475L	
Radiator Cap	Valve opening pressure		93－123kPa(0.95－1.25kgf/cm²)	—

Name of part	Project	Complement	Standard value	Limit
Thermostat	Opening temperature(0.35mm lift)		76－80°C	—
	Full temperature		90°C	—
	Amount of lift at full opening		10.0mm以上	—

Fuel, Emission Control

Name of part	Project	Complement	Standard value	Limit
Fuel Pump	吐出量 (12v時10秒間)		180mL以上	
Fuel Line	Control pressure		395－405kPa(4.0－4.1kgf/cm²)	—
Idling speed	No-load	N or P position	1,200±50rpm	
	High electrical load	N or P position	1,200±50rpm	
Idling Emissions	CO濃度	No load and maintenance target	0.1% or less	
	HC濃度	No load and maintenance target	100ppm以下	

Dual Clutch Transmission

Name of part	Project	Complement	Standard value	Limit
Designated Transmission Fluid	Fluid(2WD car)	At the time of exchange	1.3L	—
		Total amount	2.1L	—
	Fluid(4WD car)	At the time of exchange	1.6L	—
		Total amount	2.6L	—
	Designated Transmission Fluid	Honda Genuine ultra ATF DW-1		
Hydro Static Clutch Actuator	Designated Fluid	Honda Genuine 5P8 fluid		
Input shaft	Input Shaft Thrust Clearance		0.15－0.24mm	—
Counter shaft	Counter shaft 2-speed gear thrust clearance		0.01－0.10mm	—
Secondary shaft	Secondary Shaft Thrust Clearance		0.10－0.19mm	—
	Secondary shaft 2-speed gear thrust clearance		0.01－0.10mm	—
Reverse Shaft	Reverse Shaft Thrust Clearance		0.10－0.19mm	—
Single Cone Synchro	Synchro ring and gear gap		0.9mm	—
Differential	Differential Thrust Clearance		0.01－0.10mm	—
Differential Pinion Gear	Backlash		0.05－0.15mm	—
トランスファ（4WD車）	Backlash		0.06－0.16mm	—
	Preload integrated start-up torque		2.88－4.35 N・m (29.4－44.3 kgf･cm)	—

Rear Deferential

Name of part	Project	Complement	Standard value	Limit
Designation Rear Differential Char Fluid	Fluid quantity	At the time of exchange	1.2L	—
		Total amount	1.5L	—
	Designation Rear Differential F Rude	Honda純正ウルトラDPSF-II		

Steering

Name of part	Project	Complement	Standard value	Limit
Steering wheel	Play (straight, on the outer periphery of the wheel)		0－10mm	—
	Installation operation load (start load on wheel periphery when POWER switch is in OFF mode)		29N(3.0kgf)以下	—

Suspension

Name of part	Project	Complement	Standard value	Limit
Wheel Alignment	Camber angle	Front wheel	0°00′±1°	
		Rear wheel	－1°30′±1°	
	Castor Angle	Front wheel	5°00′±1°	
	Total To Ein	Front wheel	0±3mm	
		Rear wheel	3±3mm	
	Front wheel cut angle	Inside	38°00′±2°	
		Outside	32°00′	
	Side Slip		0±5mm	
Wheel Bearings	Axial	Front wheel	0－0.05mm	
		Rear wheel	0－0.05mm	
Wheels, tires	Rim Swing (Steel Wheel)	Horizontal direction	0－0.7mm	2.0mm
		Vertical	0－0.5mm	1.5mm
	Rim Swing (Aluminum Wheel)	Horizontal direction	0－0.3mm	2.0mm
		Vertical	0－0.3mm	1.5mm
	Pitch Circle Dialer(PCD)		114.3mm	
	Inset		55mm	
	Wheel Size	(215/60R16 95H)	16-7J	
		(215/60R16 95H)	16-7J	
		アルミ ホイール (215/55r17 94v)	17-7J	

Brake

Name of part	Project	Complement	Standard value	Limit
Brake Pedal	Pedal height (from floor iron plate surface)		182±5mm	
	床板とのすき間 （踏力196N（20.0kgf）時）		116mm以上	
	Play (on pedal tread)		1－5mm	
Disc Brakes	Disk thickness	Front wheel(15 inch brake specification car)	23.0mm	21.0mm
		Front wheel(16 inch brake specification car)	25.0mm	23.0mm
		Rear wheel	9.0mm	8.0mm
	Disc shake		—	0.04mm
	Disk parallelism		—	0.015mm
	Pad thickness	Front wheel	10.0mm	1.6mm
		Rear wheel	10.0mm	1.6mm
Brake Fluid	Designated Brake Fluid		Honda Genuine Ultra Brake Fluid DOT3 or DOT4	

Air Conditioner System

Name of part	Project	Complement	Standard value	Limit
Air Conditioner System	Designated lubrication oil		SANDEN SP-A2(P/N 38899-5P6-004)	
	Amount of lubrication oil	Capacitors (including receiver tank capacity)	25mL	
		Receiver Tank	10mL	
		Evaporator	35mL	
		Pipe class	10mL	
	Designate a refrigerant		HFC-134a(R-134a)	
	Refrigerant volume		430^{+25}_{-25} Grams 0.430kg	
Compressor	Designated lubrication oil		SANDEN SP-A2(P/N 38899-5P6-004)	
	Amount of lubrication oil		110^{+30}_{-0}mL	

Body Electrical

Name of part	Project	Complement	Standard value	Limit
12V Battery	Capacity / Type		32Ah(5HR)/44B19L	
Valve	Headlights (LED headlights not equipped vehicles)	High / Low Beam	12v-60/55w	
	Headlights (LED headlight-equipped cars)	High Beam	12v-60w	
		Low Beam	LED	
	Front position light (led headlight snot car)		12v-5w	
	Front position light (LED headlight equipped car)		LED	
	Front Turn Signal Light		12v-21w	
	Door Mirror Side Turn Signal Light		LED	
	Front Fog Light		12v-35w	
	Brake light		LED	
	Tail light		LED	
	Rear Turn Signal Light		12v-21w	
	Inna Tail Light		LED	
	Back Light		12v-16w	
	License Plate Light		LED	
	High Mount Stop Lamp		LED	
	Front Map Light		LED	
	Interior Light		LED	
	Rear Map Light		LED	
	Vanity Mirror Light		12v-2w	
	Center Console Box Light		LED	
	Cargo Area Light		12v-5w	