



# Hisun Labor Guide

Version 02/2017

This flat rate manual has been prepared for Powersports dealers and their managers to be used as an aid in managing their service departments. Hisun gathered and revised data from dealerships all over the U.S. and Canada. We wish to acknowledge and thank all of the dealers who provided us with information and feedback for use in this manual. Any labor hours outside of the hours within this document would need to be approved by Hisun Technical Service team prior to any work performed.

**Models: Sector 1000, Strike 1000, Strike 1000 Crew**





2014-2016

**Models HS800 UTV 1000UTV**

<b>Trouble Shooting Times</b>	Labor Code	Labor Hours
Engine or Chassis troubleshooting / Diagnostic	HS 0100	.5
Fuel System troubleshooting/ Diagnostic	HS 0200	.5
Electrical troubleshooting/ Diagnostic (includes Lighting)	HS 0300	.5
Ignition System troubleshooting/ Diagnostic	HS 0400	.5
Charging / Starting System troubleshooting/ Diagnostic	HS 0500	.5
<b>Engine Times</b>		
Engine Removal / Installation R&R (test drive included)	HS 0110	5.0
<b>Cylinder Head</b>		
Cylinder Head R&R	HS 0120	3.5
Cylinder Head R+R (Both)	HS 0121	5.5
Valve, Grind, Reseat (1 pc)	HS 0122	3.5
Each additional valve, Reseat	HS 0124	.5
Valve (all) Grind, Reseat	HS 0126	5.8
Valve Adjust (all)	HS 0128	1.5
Valve Spring, Retainer, Seal (1pc)	HS 0130	2.5
Each additional Spring, Retainer	HS 0132	.3
Valve Guide (1pc)	HS 0134	3.3
Valve adjusting screw (1pc)	HS 0136	1.2
Rocker arm /shaft (1pc)	HS 0138	1.5
Each additional Rocker arm/shaft	HS 0140	.1
Camshaft	HS 0142	1.5
Cam Chain (1 Cylinder)	HS 0144	2.7
Cam Chain Tensioner	HS 0146	.2
Cam Chain Guide (Intake side)	HS 0148	2.0
Cam chain Guide (Exhaust side)	HS 0150	1.7
Decompression governor	HS 0152	1.6
Exhaust Dowel Pin for decompression	HS 0154	1.6
Decompression Lever	HS 0156	1.7
Cam chain sprocket	HS 0158	1.1
Cylinder Head gasket R&R	HS 0160	2.8
Cylinder Head Gasket R+R (Both Cylinders)	HS 0161	3.8
Cylinder / Cylinder head gasket	HS 0162	3.5
Cylinder / Cylinder head gasket (Both Cylinders)	HS 0163	5.5
Cylinder Hone	HS 0164	3.8
Cylinder Bore and Hone	HS 0166	4.3
Piston/ Piston rings	HS 0168	3.5



Piston/ Piston rings (Both Cylinders)	HS 0169	5.0
Cylinder/ Base gasket	HS 0170	4
Cylinder/ Base gasket (Both Cylinders)	HS 0171	6
<b>Crankcase Halves and Crankshaft Assembly</b>		
Crankshaft R&R	HS 0172	9.3
Crankshaft Bearing (RH)	HS 0174	8.8
Crankshaft Bearing (LH)	HS 0176	9.7
Crankcase Assembly	HS 0178	10.9
Crankcase Cover (Left Side)	HS 0180	1.2
Counter Balancer	HS 0182	9.0
Counter Balancer, Sprocket, Chain and or pin	HS 0184	1.5
Front motor seal	HS 0186	4.0
Rear motor seal	HS 0188	3.0
Split cases	HS 0189	4.0
<b>Clutch Assembly</b>		
Clutch Housing	HS 0190	1.0
Clutch Carrier	HS 0192	1.0
Primary Sheave Assembly	HS 0194	1.5
Primary Clutch Rollers/weights	HS 0196	2.0
Secondary Sheave Assembly	HS 0198	1.8
V-Belt	HS 0210	.8
<b>Transmission</b>		
Shaft Pawl Spring	HS 0212	.6
Main Axle, Drive Axle, Side Bearing	HS 0214	8.5
Counter Axle	HS 0216	8.5
Idle Axle	HS 0218	8.5
Output Axle	HS 0220	9.6
Secondary Shaft	HS 0222	8.5
Shift Cam/Forks/Gear/Shaft	HS 0224	8.5
Shift Lever	HS 0226	.4
<b>Transmission R&amp;R</b>	HS 0227	8.5
<b>Lubrication System</b>		
Oil Filter	HS 0228	.2
Oil Pump	HS 0230	8.7
Oil Pump drive Gear	HS 0232	8.5
Oil Delivery Pipe #1 (off oil filter bracket)	HS 0234	.3
Oil Delivery Pipe #2 (off oil filter bracket)	HS 0236	.3
Oil Pipe Comp 1 (to oil cooler)	HS 0238	.6
Oil Pipe Comp 2 (To engine)	HS 0240	.6
Oil Cooler	HS 0242	.8



<b>Fuel System</b>		
Fuel Tank	HS 0244	.6
Fuel Line (1 pc)	HS 0246	.1
Fuel Lines (All)	HS 0248	.5
Fuel Filter	HS 0250	.1
Fuel Pump (EFI)	HS 0252	.4
Fuel Injector (per injector)	HS 0254	.3
<b>Throttle Body and Manifold</b>		
Throttle Body	HS 0256	.4
Throttle Body Manifold Pipe & Clamps	HS 0258	.3
Intake Manifold, Seal and mounting hardware	HS 0260	.5
Throttle position Sensor	HS 0262	.3
MAP Sensor, Bracket & mounting hardware	HS 0264	.3
<b>Intake System</b>		
Air Cleaner R&R or Clean	HS 0266	.4
Air Cleaner Joint (All)	HS 0268	.3
Air Cleaner Case	HS 0270	.3
Air Separator	HS 0272	.2
<b>Exhaust System</b>		
Exhaust Gasket	HS 0285	.8
Header Pipe	HS 0286	.7
Muffler only	HS 0288	.7
Muffler Protector	HS 0290	.1
Muffler and Exhaust Pipe	HS 0292	.6
Silencer	HS 0294	.1
Silencer clean	HS 0296	.3
Exhaust Joint	HS 0298	.6
O2 Sensor	HS 0302	.3
TSB full exhaust R&R	HS 0303	1.0
<b>Cooling System</b>		
Radiator	HS 0304	1.0
Radiator Cooling Fan	HS 0307	.7
Coolant Reservoir	HS 0308	.3
Water Pump R&R	HS 0310	2.0
Cover Housing and Gasket	HS 0312	1.0
Water Hose #2	HS 0314	.4
Hose #1 (LH or RH Radiator) (1 pc)	HS 0316	.5
Hose #1 (LH or RH Radiator) (Both)	HS 0318	.6



Impeller Shaft Assembly	HS 0320	1.2
Bearing	HS 0322	1.2
<b>Cooling System (cont.)</b>		
Oil Seal	HS 0324	1.2
Mechanical Seal	HS 0326	1.2
Water Pipe (LH or RH Aluminum Pipe) (1pc)	HS 0328	.8
Water Pipe (LH or RH Aluminum Pipe) (Both)	HS 0330	.9
Thermostat	HS 0332	.2
Thermostat Housing & Gasket	HS 0334	.5
Thermo switch (Cooling Fan Relay or Sensor)	HS 0336	.5
Water Temperature Sensor	HS 0338	.4
Cooling System Flush	HS 0340	.4
<b>Roll-Over Protection System</b>		
Roll Cage Support 3 (Left)	HS 0342	.4
Roll Cage Support 4 (Right)	HS 0344	.4
Roll Cage Cross Member (Top Support)	HS 0346	.2
Roll Cage Frame Member 2 (Left)	HS 0348	.3
Roll Cage Frame Member 3 (Right)	HS 0350	.6
Roof	HS 0352	.4
<b>Body Panels</b>		
LH Rear Fender Panel	HS 0354	.3
RH Rear Fender Panel	HS 0356	.3
LH Rear Fender Flair	HS 0358	.2
RH Rear Fender Flair	HS 0360	.2
Engine Cover	HS 0362	.1
Front Panel (Dash Upper)	HS 0364	.5
Front Panel 2 (Dash Lower)	HS 0366	1.5
Glove Box Lid	HS 0368	.1
Seat Base Bottom Plate (1pc)	HS 0370	.2
Seat Base Bottom Plate (2pc)	HS 0372	.4
Front Grill	HS 0374	.8
Seat Belt Assembly (Left or Right)	HS 0376	.2
Seat Belt Assembly (Both)	HS 0378	.4
Head Rest (1pc)	HS 0380	.3
Head Rest (Both)	HS 0382	.6
Rear Fender	HS 0384	.7
Front Fender/Hood Assembly	HS 0386	.8
Seat Complete (1pc)	HS 0388	.1
Seat Complete (Both)	HS 0390	.2
Front Fender Flair	HS 0392	.2
LH Footrest	HS 0394	.8



RH Footrest	HS 0396	.8
R & R of body parts & wheels to access engine for repairs	HS 0397	1.25
Center Floorboard	HS 0398	.1
Battery Box	HS 0402	.2
Battery Box Lid	HS 0404	.1
<b>Engine Guards and Skid Pans</b>		
Front Skid Pan	HS 0416	.1
Center Skid Pan	HS 0418	.2
Rear Skid Pan	HS 0420	.1
Skid Pan (ALL)	HS 0422	.3
A arm Cover (Front or Rear)	HS 0424	.1
<b>Cables R+R</b>		
Throttle Cable #1 or #2	HS 0426	.5
Throttle Pedal and or springs	HS 0428	.6
<b>Steering</b>		
Steering Column/Bearing	HS 0430	.7
Steering Column	HS 0432	.3
Universal Joint	HS 0434	.3
Steering Knuckle/Spacer/Bushing/Seal	HS 0436	.5
Steering Wheel	HS 0438	.1
Dust Seal 1 (Steering Box Boot)	HS 0440	.5
Dust Seal 1 (Both)	HS 0442	.8
Steering tilt lock assy	HS 0443	1.
Steering shaft assy	HS 0444	.3
EPS control unit	HS 0445	.5
Power steering motor	HS 0446	.8
<b>Gearshift Assembly</b>		
Gearshift Assembly	HS 0446	.3
Gearshift Handle	HS 0448	.1
Gearshift Dust Boot	HS 0450	.2
Gearshift Linkage R+R	HS 0452	.4
Gearshift Linkage Adjust	HS 0454	.2
<b>Suspension</b>		
Front Upper A Arm and all bushings	HS 0456	.5
Rear Upper Arm and all bushings	HS 0458	.5
Front Lower A arm and all bushings	HS 0460	.5
Rear Lower A arm and all bushings	HS 0462	.5
Front Upper and Lower A arms and all bushings	HS 0464	.9



Rear Upper and Lower A arms and all bushings	HS 0466	.8
Front Shock	HS 0468	.4
Rear Shock	HS 0470	.3
Rear stabilizer Bar	HS 0472	.3
Rear stabilizer Bar Bracket (Both)	HS 0474	.1
Rear stabilizer bushing (1pc)	HS 0476	.2
Rear stabilizer bushing (2pcs)	HS 0478	.3
Front stabilizer Bar	HS 0480	.4
Front stabilizer Bar Bracket (2pc)	HS 0482	.1
Front stabilizer Bushing (1pc)	HS 0484	.2
Front stabilizer Bushing (2pcs)	HS 0486	.3
Front stabilizer Bar Tie Rod (1pc)	HS 0488	.2
Front stabilizer Bar Tie Rod (2pcs)	HS 0490	.4
Front stabilizer Bar Tie Rod End (1pc)	HS 0492	.2
Front stabilizer Bar Tie Rod End (2pcs)	HS 0494	.4
Steering Knuckle Assembly	HS 0496	.9
Rear Knuckle Assembly	HS 0498	.8
<b>Tires, Rims, Hubs</b>		
Front/Rear Tire or Rim	HS 0502	.6
Front Hub, Bearing, Oil Seal	HS 0504	.6
Front or Rear Hub Stud replacement (1pc)	HS 0506	.4
Front or Rear Hub Stud replacement ( more than 1pc)	HS 0508	.5
Front Wheel Alignment	HS 0510	.3
Rear Tire or Rim	HS 0512	.6
Rear Hub, Bearing, Oil Seal	HS 0514	.5
Front Knuckle Assembly	HS 0516	.4
Front Hub Assembly	HS 0518	.3
Rear Hub Assembly	HS 0520	.3
<b>Braking System</b>		
Parking Brake Lever	HS 0522	.3
Parking Brake Cable	HS 0524	.5
Parking Brake Caliper	HS 0526	.7
Parking Brake Pads	HS 0528	.5
Master Cylinder R&R	HS 0530	.5
Master Cylinder Repair (Internal Parts Replacement)	HS 0532	.7
Front Disc Brake Pads (1 caliper)	HS 0534	.3
Front Disc Brake Pads (Both calipers)	HS 0536	.6
Front Disc Brake caliper (1 side & bleed)	HS 0538	.6
Front Disc Brake caliper (Both sides & bleed)	HS 0540	1.0
Front Disc Brake caliper repair (Internal Parts & bleed)	HS 0542	.7
Front Brake Rotor (1pc)	HS 0544	.4
Front Brake Rotor (Both sides)	HS 0546	.8



Front or Rear Disc Brake Hose (1 side & bleed)	HS 0548	.6
Front or Rear Disc Brake Hose (Both sides & bleed)	HS 0550	.8
Rear Disc Brake Pads (1 side)	HS 0552	.3
Rear Disc Brake Pads (Both sides)	HS 0554	.6
Rear Disc Brake Caliper (1 side)	HS 0556	.6
Rear Disc Brake Caliper (Both sides)	HS 0558	1.0
Rear Disc Brake Caliper repair (Internal Parts)	HS 0560	.7
Rear Brake Rotor (1pc)	HS 0562	.4
Rear Brake Rotor (Both sides)	HS 0564	.8
Front or Rear Brake Dust Cover	HS 0566	.5
Brake pedal return spring	HS 0567	.2
Rear Brake Stop Switch	HS 0568	.2
Brake pedal	HS 0569	.6
<b>Drive Shafts</b>		
Final Drive Gear Seal/Bearing/Ring Nut	HS 0570	1.7
Shaft Drive Rear Axle Gear Case	HS 0572	1.5
Shaft Drive Rear Axle Gear Case (Rebuild)	HS 0574	3.2
Drive Shaft Housing	HS 0576	3.2
Oil Seal Ex. (Drive Shaft Housing side)	HS 0578	1.0
Oil Seal Ex. (Bearing Housing side)	HS 0580	1.0
Ring Gear complete	HS 0582	3.2
Drive Pinion Gear/Bearing	HS 0584	3.2
Drive Shaft 2, Front	HS 0586	3.8
Drive Shaft Rear	HS 0588	1.5
Shaft Drive Rubber Boot	HS 0590	1.5
Shaft Drive 2 Rubber Boot	HS 0592	3.8
Drive Pinion Gear R+R	HS 0594	9.1
Driven Pinion (Gear) Driven Shaft	HS 0596	3.8
Joint Yoke R+R	HS 0598	2.7
Middle Gear complete R+R	HS 0602	9.1
Middle Driven Shaft R+R/Crankcase Disassembly	HS 0604	8.0
Middle Driven Shaft R+R	HS 0606	3.8
Joint Yoke	HS 0608	2.7
Cross Joint complete #2	HS 0610	2.5
Joint Yoke #3	HS 0612	3.1
Pinion Bearing Housing	HS 0614	3.9
Drive Shaft #2	HS 0616	2.3
Cross Joint complete #3	HS 0618	2.9
Pinion Drive Gear Set	HS 0620	4.3
Differential Assembly front/ rear R+R	HS 0622	3.8
Shaft Drive Housing #2	HS 0624	4.3
Bearing Housing	HS 0626	3.8
Servo Motor complete/ diff locking motor	HS 0628	.3





Axle input Differential oil seals (R&R wheels, caliper, axle)	HS 0630	2.25	
<b>Electrical Components</b>			
Magneto Flywheel Rotor	HS 0632	2.8	
Stator Assembly	HS 0634	2.8	
Igniter unit/CDI or ECM	HS 0636	.2	
Spark Plug Gap	HS 0638	.2	
Speed Sensor	HS 0640	.6	
Battery	HS 0642	.3	
Wire Harness (main)	HS 0644	3.2	
Secondary Harness (EFI)	HS 0645	.5	
Terminal Assembly	HS 0646	.1	
Regulator/Rectifier Assembly	HS 0648	.1	
Electric Starter	HS 0650	.5	
Main Switch	HS 0652	.1	
Starter Switch Solenoid	HS 0654	.2	
Neutral Relay	HS 0656	.1	
Reverse Relay	HS 0658	.1	
Thermo Relay	HS 0660	.1	
Neutral Switch	HS 0662	.6	
Thermo Switch (Electric Fan)	HS 0664	.5	
Thermo Switch Light	HS 0666	.5	
Thermo Relay	HS 0668	.1	
Headlight Switch	HS 0670	.1	
Diff Lock Switch	HS 0672	.2	
Headlight Body (1pc)	HS 0674	.3	
Headlight bulb (1pc)	HS 0676	.1	
Headlight Body (2pcs)	HS 0678	.6	
Headlight Bulb (2pcs)	HS 0680	.2	
Taillight Lens, Bulb (1pc)	HS 0682	.2	
Taillight Assembly	HS 0684	.2	
Starter Circuit Cutoff Relay	HS 0686	.1	
Headlight Lens Assembly R+R (1pc)	HS 0688	.3	
Headlight Lens Assembly R+R (2pcs)	HS 0690	.6	
Starter Cable (Choke) if applicable	HS 0692	.3	
Meter Assembly R+R	HS 0694	.5	
Meter Assy. (Include hood)	<b>STRIKE 800</b>	HS 0695	1.5
Ignition Coil (EFI)	HS 0696	.4	
Ignition Coil Wire (EFI)	HS 0698	.3	
Crank Position Sensor	HS 0702	.3	
Diode #1 or #2	HS 0704	.2	
Flasher Relay	HS 0706	.2	
Front Turn Signal Lens (1pc)	HS 0708	.4	



Front Turn Signal Lens (2pc)	HS 0710	.8
Rear Turn Signal Lens (1pc)	HS 0712	.3
Rear Turn Signal Lens (2pc)	HS 0714	.6
Turn Signal Bulb	HS 0716	.1
Turn Signal/ Horn Switch	HS 0718	.4
Horn	HS 0720	.1
<b>Winch Parts</b>		
Winch R+R	HS 0722	.4
Winch Solenoid	HS 0724	.4
Winch Wiring to Battery	HS 0726	.3
Winch Wiring to Dash	HS 0728	.3
Winch Controller	HS 0730	.1
Winch System R+R	HS 0732	1.5
<b>Accessories</b>		
Top Cover	HS 0734	.4
Full Windshield	HS 0736	.5
<b>Mirrors</b>		
Right or Left Mirror, Mounting Bracket and Hardware	HS 0746	.3