



Version 2014-2016

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: HS500UTV and HS700UTV

Sector 550 UTV and Sector 750 UTV





HS500/550UTV and HS700/750 UTV

Trouble Shooting Times	Labor Code	Labor Hours
Engine or Chassis troubleshooting / Diagnostic	SU 0100	.5
Fuel System troubleshooting/ Diagnostic	SU 0200	.5
Electrical troubleshooting/ Diagnostic (includes Lighting)	SU 0300	.5
Ignition System troubleshooting/ Diagnostic	SU 0400	.5
Charging / Starting System troubleshooting/ Diagnostic	SU 0500	.5
Engine Times		
Engine Removal / Installation R&R (test drive included)	SU 0110	4.0
Cylinder Head		
Cylinder Head R&R	SU 0120	3.5
Single Valve Replacement (Intake or Exhaust)	SU 0121	.5
Valve, Grind, Reseat (1 pc)	SU 0122	3.5
Each additional valve, Reseat	SU 0124	.5
Valve (all) Grind, Reseat (5 valve engine only)	SU 0126	5.8
Valve Adjust (all)	SU 0128	1.0
Valve Spring, Retainer, Seal (1pc)	SU 0130	2.5
Each additional Spring, Retainer	SU 0132	.5
Valve Guide (1pc)	SU 0134	3.3
Valve adjusting screw (1pc)	SU 0136	1.2
Rocker arm /shaft (1pc)	SU 0138	1.5
Each additional Rocker arm/shaft	SU 0140	.1
Camshaft	SU 0142	1.5
Cam Chain	SU 0144	2.7
Cam Chain Tensioner	SU 0146	.2
Cam Chain Guide (Intake side)	SU 0148	2.0
Cam chain Guide (Exhaust side)	SU 0150	1.7
Decompression governor	SU 0152	1.6
Exhaust Dowel Pin for decompression	SU 0154	1.6
Decompression Lever	SU 0156	1.7
Cam chain sprocket	SU 0158	1.1
Cylinder Head gasket R&R	SU 0160	2.8
Cylinder / Cylinder head gasket	SU 0162	3.0
Cylinder Hone	SU 0164	3.8
Cylinder Bore and Hone	SU 0166	4.3
Piston/ Piston rings	SU 0168	3.5
Cylinder/ Base gasket	SU 0170	2.9



Crankcase Halves and Crankshaft Assembly		
Crankshaft R&R	SU 0172	9.3
Crankshaft Bearing (RH)	SU 0174	8.8
Crankshaft Bearing (LH)	SU 0176	9.7
Crankcase Assembly	SU 0178	10.9
Crankcase Cover (Left Side)	SU 0180	1.2
Counter Balancer	SU 0182	9.0
Counter Balancer, Sprocket, Chain and or pin	SU 0184	1.5
Front motor seal	SU 0186	4.0
Rear motor seal	SU 0188	3.0
Clutch Assembly		
Clutch Housing	SU 0190	1.0
Clutch Carrier	SU 0192	1.0
Primary Sheave Assembly (to include R&R belt)	SU 0194	1.0
Primary Clutch Rollers/weights (to include R&R belt)	SU 0196	1.5
Secondary Sheave Assembly (to include R&R belt)	SU 0198	1.8
Secondary Clutch cover and gasket	SU 0202	2.8
Secondary Clutch (Wet Clutch) Assembly (to include R&R belt)	SU 0204	1.8
Secondary clutch shoes & or springs (Wet Clutch)	SU 0206	2.8
One Way Bearing	SU 0208	1.7
V-Belt	SU 0210	.8
R & R all Clutch components wet& CV clutches (to include R&R belt)	SU 0211	4.0
R&R Primary, secondary, & belt (to include test drive)	SU 0212	2.5
Transmission		
Shaft Pawl Spring/fan gears	SU 0213	.6
Main Axle, Drive Axle, Side Bearing	SU 0214	8.5
Counter Axle	SU 0216	8.5
Idle Axle	SU 0218	8.5
Output Axle	SU 0220	9.6
Secondary Shaft	SU 0222	8.5
Shift Cam/Forks/Gear/Shaft	SU 0224	8.5
Shift Lever	SU 0226	.4
Lubrication System		
Oil Filter	SU 0228	.2
Oil Pump	SU 0230	8.7
Oil Pump drive Gear	SU 0232	8.5
Oil Delivery Pipe #1 (off oil filter bracket)	SU 0234	.3
Oil Delivery Pipe #2 (off oil filter bracket)	SU 0236	.3
Oil Pipe Comp 1 (to oil cooler)	SU 0238	.6
Oil Pipe Comp 2 (To engine)	SU 0240	.6



Oil Cooler	SU 0242	.8
Oil change w/filter	SU 0241	.75
Fuel System		
Fuel Tank	SU 0244	.6
Fuel Line (1 pc)	SU 0246	.2
Fuel Lines (All)	SU 0248	.5
Fuel Filter	SU 0250	.2
Fuel Pump (EFI)	SU 0252	.3
Fuel Injector	SU 0254	.3
Throttle Body and Manifold		
Throttle Body	SU 0256	.4
Throttle Body Manifold Pipe & Clamps	SU 0258	.3
Intake Manifold, Seal and mounting hardware	SU 0260	.5
Throttle position Sensor	SU 0262	.3
MAP Sensor, Bracket & mounting hardware	SU 0264	.3
Intake System		
Air Cleaner R&R or Clean	SU 0266	.4
Air Cleaner Joint (All)	SU 0268	.3
Air Cleaner Case	SU 0270	.3
Air Separator	SU 0272	.2
Carburetor Heater Element	SU 0274	.3
Carburetor Joint/Gasket/O-ring (2 pcs)	SU 0276	.6
Carburetor Adjust	SU 0278	.1
Carburetor clean and adjust	SU 0280	1.0
Exhaust System		
Exhaust Gasket	SU 0282	.6
Exhaust Gasket (HS700)	SU 0284	.8
Header Pipe	SU 0286	.7
Muffler only	SU 0288	.7
Muffler Protector	SU 0290	.1
Muffler and Exhaust Pipe	SU 0292	.6
Silencer	SU 0294	.1
Silencer clean	SU 0296	.3
Exhaust Joint	SU 0298	.6
O2 Sensor	SU 0302	.3
Cooling System		
Radiator	SU 0304	1.0



Radiator Cooling Fan	SU 0306	.5
Coolant Reservoir	SU 0308	.3
Water Pump R&R	SU 0310	1.0
Cover Housing and Gasket	SU 0312	1.0
Water Hose #2	SU 0314	.4
Hose #1 (LH or RH Radiator) (1 pc)	SU 0316	.5
Hose #1 (LH or RH Radiator) (Both)	SU 0318	.6
Impeller Shaft Assembly	SU 0320	1.2
Bearing	SU 0322	1.2
Oil Seal	SU 0324	1.2
Mechanical Seal	SU 0326	1.2
Water Pipe (LH or RH Aluminum Pipe) (1pc)	SU 0328	.8
Water Pipe (LH or RH Aluminum Pipe) (Both)	SU 0330	.9
Thermostat	SU 0332	.2
Thermostat Housing & Gasket	SU 0334	.5
Thermo switch (Cooling Fan Relay or Sensor)	SU 0336	.5
Water Temperature Sensor	SU 0338	.4
Cooling System Flush	SU 0340	.4
Roll-Over Protection System		
Roll Cage Support 3 (Left)	SU 0342	.4
Roll Cage Support 4 (Right)	SU 0344	.4
Roll Cage Cross Member (Top Support)	SU 0346	.2
Roll Cage Frame Member 2 (Left)	SU 0348	.3
Roll Cage Frame Member 3 (Right)	SU 0350	.6
Roof	SU 0352	.4
Body Panels		
LH Rear Fender Panel	SU 0354	.3
RH Rear Fender Panel	SU 0356	.3
LH Rear Fender Flair	SU 0358	.2
RH Rear Fender Flair	SU 0360	.2
Engine Cover	SU 0362	.1
Front Panel (Dash Upper)	SU 0364	.5
Front Panel 2 (Dash Lower)	SU 0366	1.5
Glove Box Lid	SU 0368	.1
Seat Base Bottom Plate (1pc)	SU 0370	.2
Seat Base Bottom Plate (2pc)	SU 0372	.4
Front Grill	SU 0374	.8
Seat Belt Assembly (Left or Right)	SU 0376	.2
Seat Belt Assembly (Both)	SU 0378	.4
Head Rest (1pc)	SU 0380	.3
Head Rest (Both)	SU 0382	.6
Rear Fender	SU 0384	.7



Front Fender/Hood Assembly	SU 0386	.8
Seat Complete (1pc)	SU 0388	.1
Seat grommets	SU 0389	.2
Seat Complete (Both)	SU 0390	.2
Front Fender Flair	SU 0392	.2
LH Footrest	SU 0394	.8
RH Footrest	SU 0396	.8
Center Floorboard	SU 0398	.1
Battery Box	SU 0402	.2
Battery Box Lid	SU 0404	.1
Hood Tie Down (1pc)	SU 0406	.1
Hood Tie Down (Both)	SU 0408	.2
Cargo Bed		
Box, LH +RH Fender Parts, Both Taillights (Cargo Assembly)	SU 0410	1.5
Cargo bed, Remove and install	SU 0412	.3
Tailgate	SU 0414	.2
Engine Guards and Skid Pans		
Front Skid Pan	SU 0416	.1
Center Skid Pan	SU 0418	.2
Rear Skid Pan	SU 0420	.1
Skid Pan (ALL)	SU 0422	.3
A arm Cover (Front or Rear)	SU 0424	.1
Cables R+R		
Throttle Cable #1 or #2	SU 0426	.5
Throttle Pedal and or springs	SU 0428	.6
Steering		
Steering Column/Bearing	SU 0430	.7
Steering Column	SU 0432	.5
Universal Joint	SU 0434	.3
Steering Knuckle/Spacer/Bushing/Seal	SU 0436	.5
Steering Wheel	SU 0438	.1
Dust Seal 1 (Steering Box Boot)	SU 0440	.5
Steering Rack	SU 0441	2.
Dust Seal 1 (Both)	SU 0442	.8
Steering rack w/tie rod ends	SU 0443	2.5
Steering Shaft Assembly	SU 0444	.3
Gearshift Assembly		
Adjust shift cable 2 locations	SU 0453	.75



Shift Cable	SU 0455	.75
Remove & Replaced gear shift cable	SU 0456	.75
Gearshift Assembly	SU 0446	.3
Gearshift Handle	SU 0448	.1
Gearshift Dust Boot	SU 0450	.2
Fan gears	SU 0451	.5
Gearshift Linkage R+R	SU 0452	.4
Gearshift cable adjust	SU 0453	.4
Gearshift Linkage Adjust	SU 0454	.4
Suspension		
Front Upper A Arm and all bushings	SU 0456	.5
Rear Upper Arm and all bushings	SU 0458	.5
Front Lower A arm and all bushings	SU 0460	..5
Rear Lower A arm and all bushings	SU 0462	..5
Front Upper and Lower A arms and all bushings	SU 0464	1.
Rear Upper and Lower A arms and all bushings	SU 0466	1.
Front Shock	SU 0468	.4
Rear Shock	SU 0470	.3
Rear stabilizer Bar	SU 0472	.3
Rear stabilizer Bar Bracket (Both)	SU 0474	.1
Rear stabilizer bushing (1pc)	SU 0476	.2
Rear stabilizer bushing (2pcs)	SU 0478	.3
Front stabilizer Bar	SU 0480	.4
Front stabilizer Bar Bracket (2pc)	SU 0482	.1
Front stabilizer Bushing (1pc)	SU 0484	.2
Front stabilizer Bushing (2pcs)	SU 0486	.3
Front stabilizer Bar Tie Rod (1pc)	SU 0488	.2
Front stabilizer Bar Tie Rod (2pcs)	SU 0490	.4
Front stabilizer Bar Tie Rod End (1pc)	SU 0492	.2
Front stabilizer Bar Tie Rod End (2pcs)	SU 0494	.4
Steering Knuckle Assembly	SU 0496	.8
Rear Knuckle Assembly	SU 0498	.8
Tires, Rims, Hubs		
Front Tire or Rim	SU 0502	.6
Front Hub, Bearing, Oil Seal	SU 0504	.6
Front or Rear Hub Stud replacement (1pc)	SU 0506	.4
Front or Rear Hub Stud replacement (more than 1pc)	SU 0508	.5
Front Wheel Alignment	SU 0510	.3
Rear Tire or Rim	SU 0512	.6
Rear Hub, Bearing, Oil Seal	SU 0514	.5
Front Knuckle Assembly	SU 0516	.6
Front Hub Assembly	SU 0518	.3



Rear Hub Assembly	SU 0520	.3
Braking System		
Bleed brakes (to include test drive)	SU 0521	.5
Parking Brake Lever	SU 0522	.3
Parking Brake Cable	SU 0524	.5
Parking Brake Caliper	SU 0526	.7

Brake /safety interlock cable adjust	SU 0527	.3
Parking Brake Pads	SU 0528	.5
Parking brake pedal R&R	SU 0529	1.0
Master Cylinder	SU 0530	1.
Master Cylinder Repair (Internal Parts Replacement)	SU 0532	1.5
Front Disc Brake Pads (1 caliper)	SU 0534	.3
Front Disk Brake Pads (Both calipers)	SU 0536	.6
Front Brake caliper (1 side)	SU 0538	1.1
Front Brake caliper (Both sides)	SU 0540	1.7
Front Brake caliper repair (Internal Parts)	SU 0542	1.7
Front Brake Rotor (1pc)	SU 0544	.4
Front Brake Rotor (Both sides)	SU 0546	.8
Front or Rear Disc Brake Hose (1 side & bleed)	SU 0548	1.1
Front Disc Brake Hose (Both sides & bleed)	SU 0550	1.3
Rear Disc Brake Pads (1 side)	SU 0552	.3
Rear Disc Brake Pads (Both sides)	SU 0554	.6
Rear Brake Caliper (1 side & bleed)	SU 0556	1.1
Rear Brake Caliper (Both sides & bleed)	SU 0558	1.7
Rear Disc Brake Caliper repair (Internal Parts& bleed)	SU 0560	1.7
Rear Brake Rotor (1pc)	SU 0562	.4
Rear Brake Rotor (Both sides)	SU 0564	.8
Front or Rear Brake Dust Cover	SU 0566	.5
Rear Brake Stop Switch	SU 0568	.2
Adjust parking brake caliper (to include road test)	SU 0569	.5
Drive Shafts		
Final Drive Gear Seal/Bearing/Ring Nut	SU 0570	1.7
Remove & Replace rear CV Axle	SU0571	1.0
Shaft Drive Rear Axle Gear Case	SU 0572	1.5
Remove & Replace front CV Axle	SU 0573	1.5
Shaft Drive Rear Axle Gear Case (Rebuild)	SU 0574	3.2
Drive Shaft Housing	SU 0576	3.2
Oil Seal Ex. (Drive Shaft Housing side)	SU 0578	1.0



Oil Seal Ex. (Bearing Housing side)	SU 0580	1.0
Ring Gear complete	SU 0582	3.2
Drive Pinion Gear/Bearing	SU 0584	3.2
Drive Shaft 2, Front	SU 0586	3.8
Drive Shaft Rear	SU 0588	1.5
Shaft Drive Rubber Boot	SU 0590	1.5
Shaft Drive 2 Rubber Boot	SU 0592	3.8
Drive Pinion Gear R+R	SU 0594	9.1
Driven Pinion (Gear) Driven Shaft	SU 0596	3.8
Joint Yoke R+R	SU 0598	2.7
Middle Gear complete R+R	SU 0602	9.1
Middle Driven Shaft R+R/Crankcase Disassembly	SU 0604	8.0
Middle Driven Shaft R+R	SU 0606	3.8
Joint Yoke	SU 0608	2.7

Drive Shafts (cont.)		
Cross Joint complete #2	SU 0610	2.5
Joint Yoke #3	SU 0612	3.1
Pinion Bearing Housing	SU 0614	3.9
Drive Shaft #2	SU 0616	2.3
Cross Joint complete #3	SU 0618	2.9
Pinion Drive Gear Set	SU 0620	4.3
Differential Assembly R+R	SU 0622	3.8
Shaft Drive Housing #2	SU 0624	4.3
Bearing Housing	SU 0626	3.8
Servo Motor complete (diff lock motor)	SU 0628	.3
Rear differential input shaft oil seal	SU 0630	2.25
Electrical Components		
Magneto Flywheel Rotor	SU 0632	2.8
Stator Assembly	SU 0634	2.8
Igniter unit/CDI or ECM ECM or CDI R&R	SU 0636	.2
R&R Spark Plug & Gap	SU 0638	.2
Speed Sensor	SU 0640	.6
R&R Battery	SU 0642	.3
Charge, test battery (to include removing battery)	SU 0641	.5
Wire Harness (main)	SU 0644	3.2
Secondary Harness (EFI)	SU 0645	.5
Terminal Assembly	SU 0646	.1
Regulator/Rectifier Assembly	SU 0648	.1
Electric Starter	SU 0650	.5
Main Switch/ Ignition switch	SU 0652	.3



Starter Switch Solenoid	SU 0654	.2
Neutral Relay	SU 0656	.1
Reverse Relay	SU 0658	.1
Thermo Relay	SU 0660	.1
Neutral Switch/ reverse switch	SU 0662	.6
Thermo Switch (Electric Fan)	SU 0664	.5
Thermo Switch Light	SU 0666	.5
Headlight Switch	SU 0670	.1
Diff Lock Switch	SU 0672	.2
Headlight Body (1pc)	SU 0674	.3
Headlight bulb (1pc)	SU 0676	.1
Headlight Body (2pcs)	SU 0678	.6
Headlight Bulb (2pcs)	SU 0680	.2
Taillight Lens, Bulb (1pc)	SU 0682	.2
Taillight Assembly	SU 0684	.2
Reverse sensor	SU 0687	.5
Starter Circuit Cutoff Relay	SU 0686	.1
Headlight Lens Assembly R+R (1pc)	SU 0688	.3

Headlight Lens Assembly R+R (2pcs)	SU 0690	.6
Starter Cable (Choke) if applicable	SU 0692	.3
Meter Assembly R+R	SU 0694	.5
Ignition Coil (EFI)	SU 0696	.4
Ignition Coil Wire (EFI)	SU 0698	.3
Crank Position Sensor	SU 0702	.3
Diode #1 or #2	SU 0704	.2
Flasher Relay	SU 0706	.2
Front Turn Signal Lens (1pc)	SU 0708	.4
Front Turn Signal Lens (2pc)	SU 0710	.8
Rear Turn Signal Lens (1pc)	SU 0712	.3
Rear Turn Signal Lens (2pc)	SU 0714	.6
Turn Signal Bulb	SU 0716	.1
Turn Signal/ Horn Switch	SU 0718	.4
Horn	SU 0720	.1
Wiring /connector Repair (to include diagnostics & test)	SU 0721	.75
Winch Parts		
Winch R+R	SU 0722	.4
Winch Solenoid/relay	SU 0724	.4
Winch Wiring to Battery	SU 0726	.3
Winch Wiring to Dash/switch	SU 0728	.3
Winch Controller	SU 0730	.1
Complete Winch System R+R	SU 0732	2.

