

#### Rush SR - Typical Service Intervals for the HPDE Driver

Replace Rear Camber Bolts Gresse Helm (Dilats Clean & Gresse Helm (Dilats Clean & Gresse Helm (Dilats Clean & Gresse Helm (Dilats Clean Filter (Washable) Bleed Brakes Orani Air Flant (Washable) Bleed Brakes Compresion & Leak Down Test Flush Coolant System Clean Fuel Filters Clean Fuel Filters Clean Fuel Filters Clean Out Fuel Tanks Chack Fuel Pickup Fittings Gresse Bushings Replace Chain Clean Fuel Pickup Fittings Replace Chain Clean Fuel Pickup Fittings Replace Cy Joints Rep		Daily	Weekend	Every Other Event	Every 4 Events	Each Season	Every 2 Years	Every 4 Years			Time Based	
Clean Chain Use	Estimated Miles (70 mph)								Rain	 1 Year	2 Year	3 Year
Lube Chain Charge Battery Full Nut & Boit Inspection wy Cleaning Chack Shock Pressure Change Differential Fluid Replace Rear Camber 8015s Grease Heim Joints Clean & Grosse 881 Joints Change Engine Oil & Fitter Clean Air Filter (Vashable) Bleed Briskes Drain Air Tank Clean Filter (Vashable) Bleed Briskes Drain Air Tank Clean Filter (Vashable) Clean Air Filter (Vashable) Clean Filter (Vashable) Compression & Leak Down Test Filter (Clean Filter SC) Clean Filter (Vashable) Replace Front Camper (Vashable) Replace Chain Clean Filter (Vashable) Replace CV Joints Replace CV Joints Replace CV Joints Replace Cottach Cable Replace Cottach Cable Replace Sprockats Replace Cottach Cable Replace Sprockats Replace Gutch Replace Gutch Replace Filter (Vashable) Replace Fi	Track Side Nut & Bolt Inspection											
Charge Battery  Initial Nat & Batti Inspection w/ Cleaning Check Shock Pressures Charge Different Build Replace Rear Camber Botts Grease Heim Initial Clean & Grease Ball Joints Clean Fair Pitter (Washable) Beded Brakes Drain Alf Tank Clean Fair Pitter (Washable) Beded Brakes Drain Alf Tank Clean Fair Stepeton (If Net Using Hydromat) Replace Front Camber Botts Compression & Leak Down Test Husha Coolant System Clean Fuel Pitter (If Net Using Hydromat) Replace Chart Greate Bushings Grease Bushings Replace Chain Cane Turd Pitter (If Net Using Hydromat) Replace (Pain Camber Botts) Replace Chain Replace (Pain Camber Botts) Replace Chain Replace (System Bushings) Replace Chain Replace (System Bushings) Replace Clust Cale (If Equiped) Replace Abstract Cylinders Replace Bushings Replace Replace (Bushings) Replace Clust Replace Pitter (System Bushings) Replace Clust Replace Pitter (System Bushings) Replace Clust Replace Pitter (System Bushings) Replace Replace Fitter (System Bushings) Replace Bushings Replace Replace Fitter (System Bushings) Replace Bushings Replace Replace Fitter (System Bushings) Replace Bushings Replace Ball Joints & Bushings Replace Ball Joints & Bushings Replace Ball Joints & Bushings Replace Barlings Replace Rearing Replace Rearing Replace Rearing Replace Start	Clean Chain											
Fail Nat & Bolt inspection wy Cleaning Chack Shock Pressure Change Differential Fluid Replace Rar Cambre 801s Grease Heim Joints Clean & Grease Ball Joints Change Engine Oil & Filter Clean Air Filter (Washable) Bleed Brakes Drain Air Tank Clean Fuel Injectors (If Nor Using Hydromat) Replace Front Cambre 801s Compression & Leak Down Test Fluids Coolant System Clean Fuel Filter Scotter Replace Color Color Scotter Replace Color Color Scotter Replace Color Color Scotter Replace Filter Color Scotter Replace Filter Color Scotter Replace Filter Compressor Rebuild Galpers Replace Clutch Replace Filter Compressor Rebuild Scotks Replace Gutch Replace Fuel Fumps Replace Clutch Replace Fumps Replace Clutch Replace Fuel Fumps Replace Clutch Replace Fuel Fumps Replace Clutc	Lube Chain											
Check Shock Pressures Change Differential Fluid Replace Rear Camber Bolts Grease Heim John St Clean & Grease Ball Joints Clean Fluid Right Replace Front Camber Bolts Clean Fluid Right	Charge Battery											
Check Shock Pressures Change Differential Fluid Replace Rear Camber Bolts Grease Heim John St Clean & Grease Ball Joints Clean Fluid Right Replace Front Camber Bolts Clean Fluid Right	Full Nut & Bolt Inspection w/ Cleaning										Ì	
Replace Rear Camber Bolts Gresse Helm (Dilats Clean & Gresse Helm (Dilats Clean & Gresse Helm (Dilats Clean & Gresse Helm (Dilats Clean Filter (Washable) Bleed Brakes Orani Air Flant (Washable) Bleed Brakes Compresion & Leak Down Test Flush Coolant System Clean Fuel Filters Clean Fuel Filters Clean Fuel Filters Clean Out Fuel Tanks Chack Fuel Pickup Fittings Gresse Bushings Replace Chain Clean Fuel Pickup Fittings Replace Chain Clean Fuel Pickup Fittings Replace Cy Joints Rep												
Grease Heim Joints Clana & Grease Ball Joints Change Engine Oil & Filter Clana AF Filter (Washable) Bleed Brakes Drain AHT Tank Clean Fuel Injectors (if Not Using Hydromat) Heplace Front Camber Bolts Clean Fuel Private Compression Clean Fuel Filter Clean Out Fuel Tanks Chompression & Leak Down Test Flush Coolant System Clean Fuel Filters Clean Out Fuel Tanks Chen Fuel Filters Clean Out Fuel Tanks Check Fuel Pickup Fittings Grease Bushings Replace Chain Clean Fuel Injectors (W/ Hydromat) Replace Clutch Cable Replace Shorts Replace All Frequents Replace All Frequents Replace All Compressor Replace Batteries Replace	Change Differential Fluid											
Grease Heim Joints Clana & Grease Ball Joints Change Engine Oil & Filter Clana AF Filter (Washable) Bleed Brakes Drain AHT Tank Clean Fuel Injectors (if Not Using Hydromat) Heplace Front Camber Bolts Clean Fuel Private Compression Clean Fuel Filter Clean Out Fuel Tanks Chompression & Leak Down Test Flush Coolant System Clean Fuel Filters Clean Out Fuel Tanks Chen Fuel Filters Clean Out Fuel Tanks Check Fuel Pickup Fittings Grease Bushings Replace Chain Clean Fuel Injectors (W/ Hydromat) Replace Clutch Cable Replace Shorts Replace All Frequents Replace All Frequents Replace All Compressor Replace Batteries Replace	Replace Rear Camber Bolts											
Change Engine Oil & Filter Claen Air Filter (Washable) Bieed Brakes Orain Air Tank Claen Fuel Injectors (If Not Using Hydromat) Replace Front Camber Bolts Compression & Leak Down Test Flush Coolant System Claen Out Fuel Tanks Check Fuel Pickup Fittings Grease Bushings Replace Chain Claen Fuel Injectors (W/ Hydromat) Repace Chain Claen Fuel Injectors (W/ Hydromat) Repace (Act Cable Replace Cutch Cable Replace Cutch Cable Replace Cutch Cable Replace Gutch Cable Replace Gutch Cable Replace Gutch Cable Replace Air Compressor Rebuild Offerential Replace Sprockets Replace Air Compressor Rebuild Calipers Replace Rutch Cable Replace Batteries Replace Batteries Replace Batteries Replace Batteries Replace Fuel Pressure Replace Replace Cutch Replace Batteries Replace Fuel Pressure Replace Replace Fuel Fressure Replace Replace Fuel Fressure Replace Replace Rutch Replace Batteries Replace Fuel Pressure Replace Replace Rutch Replace Batteries Replace Fuel Pressure Replace Replace Rutch Replace Batteries Replace Roll Engine Replace Roll Engine Replace Roll Engine Replace Roll Engine Replace Batteries Replace Batteries Replace Batteries Replace Batteries Replace Batteries Replace Roll Engine Replace Roll Engine Replace Batteries Replace Batteries Replace Batteries Replace Batteries Replace Roll Engine Rol												
Clean Air Filter (Washable) Bleed Brakes Drain Air Tank Clean Fuel Injectors (If Not Using Hydromat) Replace Front Camber Bolts Compression & Leak Down Test Flush Coolant System Clean Fuel Filters Clean Fuel Injectors (W/ Hydromat) Replace Clutch Cable Replace Clutch Cable Replace Flust Cable (If Equiped) Rebuild Differential Replace Sprockets Replace Fuel Fuel Fuel Fuel Fuel Fuel Fuel Fue	Clean & Grease Ball Joints											
Clean Air Filter (Washable) Bleed Brakes Drain Air Tank Clean Fuel Injectors (If Not Using Hydromat) Replace Front Camber Bolts Compression & Leak Down Test Flush Coolant System Clean Fuel Filters Clean Fuel Injectors (W/ Hydromat) Replace Clutch Cable Replace Clutch Cable Replace Flust Cable (If Equiped) Rebuild Differential Replace Sprockets Replace Fuel Fuel Fuel Fuel Fuel Fuel Fuel Fue	Change Engine Oil & Filter											
Bleed Brakes Clean Fuel Injectors (If Not Using Hydromat) Replace Front Camber Bolts Compresion & Leak Down Test Flush Coolant System Clean Fuel Filters Clean Out Fuel Tanks Check Fuel Pickup Filtings Grease Bushings Replace Chain Clean Fuel Filters Clean Out Fuel Tanks Check Fuel Pickup Filtings Grease Bushings Replace Chain Clean Fuel Injectors (W/ Hydromat) Repack / Replace CV Joints Replace Throthe Cable (If Equiped) Replace Throthe Cable (If Equiped) Replace Throthe Cable (If Equiped) Replace Chrome Compressor Rebuild Offerential Replace Sprockets Replace College (If Equiped) Replace College (If Equiped) Replace College (If Equiped) Replace College (If Equiped) Replace Mater (Vinders Rebuild Shocks Replace Oil Pump Replace College (If Equiped) Replace Fuel Pressure Regulators Oyno Test Engine Replace Rule Fuel Pressure Regulators Oyno Test Engine Replace Rol Ends Replace Rule Ressure Regulators Oyno Test Engine Replace Rol Ends Replace Rule Ressure Regulators Oyno Test Engine Replace Rol Ends Replace Bushings Rebuild Steering Rack Replace Bushings Rebuild Steering Rack Replace Seat Replac												
Clean Fuel Injectors (If Not Using Hydromat) Replace Front Camber Bolts  Compresion & Leak Down Test Flush Coolant System  Clean Guel Filters  Clean Out Fuel Tanks  Check Fuel Pickup Fittings  Grease Bushings Replace Chain  Clean Fuel Injectors (W/ Hydromat)  Repack (Replace CV) Joints  Replace Chain  Clean Fuel Injectors (W/ Hydromat)  Repack (Replace CV) Joints  Replace Flort Cable  Replace Rull Clark  Replace Flort Cable  Replace Rull Clark  Replace Rull Clark  Replace Rull Clark  Replace Rull Clark  Replace Rull Compressor  Replace Rull Clark  Replace Rull Clark  Replace Rull Compressor  Replace Rull Compressor  Replace Rull Clark  Replace Rull Clark  Replace Rull Compressor  Replace Rull Compressor  Replace Rull Clark	Bleed Brakes											
Clean Fuel Injectors (If Not Using Hydromat) Replace Front Camber Bolts  Compresion & Leak Down Test Flush Coolant System  Clean Guel Filters  Clean Out Fuel Tanks  Check Fuel Pickup Fittings  Grease Bushings Replace Chain  Clean Fuel Injectors (W/ Hydromat)  Repack (Replace CV) Joints  Replace Chain  Clean Fuel Injectors (W/ Hydromat)  Repack (Replace CV) Joints  Replace Flort Cable  Replace Rull Clark  Replace Flort Cable  Replace Rull Clark  Replace Rull Clark  Replace Rull Clark  Replace Rull Clark  Replace Rull Compressor  Replace Rull Clark  Replace Rull Clark  Replace Rull Compressor  Replace Rull Compressor  Replace Rull Clark  Replace Rull Clark  Replace Rull Compressor  Replace Rull Compressor  Replace Rull Clark	Drain Air Tank											
Replace Front Camber Bolts Compresion & Leak Down Test Flush Coolant System Clean Fuel Filters Clean Out Fuel Tanks Check Fuel Pickup Fittings Grease Bushings Replace Bushings Replace CV Joints Replace CV Joints Replace Clutch Cable Replace Throtie Cable (If Equiped) Replace Sorockets Replace Master Cylinders Rebuild Offigers Replace Master Cylinders Replace Ball Joints & Replace Clutch Replace Bushings Replace Bushings Replace Master Cylinders Replace Bushings Replace Master Cylinders Replace Bushings Replace Bushings Replace Gulter Replace Tuel Fuel Replace Fuel Pumps Replace Gulter Replace Fuel Pumps Replace Gulter Replace Fuel Pumps Replace Replace Fuel Pumps Replace Gulter Replace Survey Replace Gulter Replace Replace Fuel Pumps Replace Replac												
Compresson & Leak Down Test												
Flush Coolant System Clean Out Fuel Filters Clean Out Fuel Pikup Fittings Grease Bushings Replace Chain Clean Fuel Injectors (W/ Hydromat) Repack (Paplace CV Joints Replace Clutch Cable Replace Clutch Cable (Required) Rebuild Differential Replace Sprockets Replace Writer (Silver) Replace Writer (Silver) Replace Clutch Cable (Replace) Replace Mater (Vinders Rebuild Calipers Replace Air Compressor Replace Batteries Replace Fuel Pumps Replace Fuel Pumps Replace Ruler Pessure Regulators Dyno Test Engine Replace Clutch Replace Ball Joints & Bushings Rebuild Engine Replace Ruler Rack Replace Seat Replace Seat Replace Seat Replace Seat Replace Seat Replace Ruler Rack Replace Ruler Rack Replace Ruler Rack Replace Rac	•											
Clean Out Fuel Tanks Check Fuel Pickup Fittings Grease Bushings Replace Chain Clean Fuel Injectors (W/ Hydromat) Repack / Replace CV Joints Replace Side (If Equiped) Rebuild Calipers Replace CV Joints Replace CV Joints Replace Side (If Equiped) Rebuild Side Side Side Side Side Side Side Sid	·											
Clean Out Fuel Tanks Check Fuel Pickup Fittings Grease Bushings Replace Chain Clean Fuel Injectors (W/ Hydromat) Repack / Replace Cutch Cable Replace Clutch Cable (Requiped) Rebuild Differential Replace Sprockets Replace Rort Cylinders Replace Rort Cylinders Replace Air Compressor Rebuild Calipers Replace Air Compressor Rebuild Sooks Replace Oil Pump Replace Batteries Replace Fuel Pumps Replace Replace Fuel Replace Fuel Pumps Replace Replace Fuel Replace Fuel Pumps Replace Replace Fuel Replace Fuel Pumps Replace Replace Replace Fuel Replace Fuel Pumps Replace Replace Replace Fuel Replace Fuel Pumps Replace Replace Replace Fuel Replace Fuel Fuel Fuel Replace Fuel Fuel Replace Fuel Fuel Fuel Replace Fuel Fuel Fuel Replace Fuel Fuel Fuel Replace Fuel Fuel Fuel Fuel Replace Fuel Fuel Fuel Fuel Fuel Fuel Fuel Fue												
Check Fuel Pickup Fittings Grease Bushings Replace Chain Clean Fuel Injectors (W/ Hydromat) Repack / Replace CV Joints Replace Cluth Cable Replace Entrotte Cable (If Equiped) Rebuild Differential Replace Master Cylinders Replace Directors (W/ Hydromat) Replace Master Cylinders Replace Fuel Pump Replace Clutch Replace Batteries Replace Fuel Pumps Replace Fuel Pressure Regulators Dyno Test Engine Replace Glands Replace Ball Joints & Bushings Rebuild Engine Replace Wheel Bearings Replace Seat Repla												
Grease Bushings Replace Chain Clean Fuel Injectors (W/ Hydromat) Repack / Replace CV Joints Replace Clutch Cable Replace Clutch Cable (If Equiped) Rebuild Differential Replace Sprockets Replace Sprockets Replace Air Compressor Replace Air Compressor Replace Air Compressor Replace March Cable (If Equiped) Replace Air Compressor Replace Air Compressor Replace Air Compressor Replace Batteries Replace Batteries Replace Butteries Replace Rod Ende Replace Rod Ende Replace Batl Joints & Bushings Replace Ball Joints & Bushings Replace Ball Joints & Bushings Replace Wheel Bearings Replace Seat Replace Seat Replace Seat Replace Seat Replace Sat												
Replace Chain Clean Fuel Injectors (W/ Hydromat) Repack Replace CV Joints Replace Clutch Cable Replace Throtte Cable (If Equiped) Replace Sprockets Replace Sprockets Replace Master Cylinders Replace Air Compressor Rebuild Dilipers Replace Air Compressor Rebuild Shocks Replace Air Compressor Replace Clutch Replace Batteries Replace Clutch Replace Batteries Replace Fuel Pressure Regulators Dyno Test Engine Replace Ball Joints & Bushings Rebuild Engine Rebuild Engine Rebuild Engine Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings Replace Seat Replace												
Clean Fuel Injectors (W/ Hydromat)  Repack / Replace CV Joints  Replace CUtch Cable Replace Exprockets Replace Sprockets Replace Sprockets Replace Sprockets Replace Sprockets Replace Master Cylinders Rebuild Calipers Rebuild Calipers Replace Air Compressor Rebuild Shocks Replace Oil Pump Replace Oil Pump Replace Cutch Replace Puel Pressure Regulators Dyno Test Engine Replace Rod Ends Replace Ball Joints & Bushings Rebuild Sneing Rack Replace Wheel Bearings Replace Seat Replace Rod Ends Replace Seat Replace Harness												
Replace CV Joints Replace Clutch Cable Replace Throtle Cable (If Equiped) Rebuild Differential Replace Sprockets Replace Master Cylinders Replace Master Cylinders Replace Air Compressor Rebuild Shocks Replace Oil Pump Replace Oil Pump Replace Batteries Replace Batteries Replace Batteries Replace Fuel Pumps Replace Fuel Pumps Replace Batteries Replace Fuel Pumps Replace Fuel Pumps Replace Batteries Replace Batteries Replace Batteries Replace Fuel Pumps Repl	·											
Replace Clutch Cable Replace Irrotle Cable (If Equiped) Rebuild Differential Replace Sprockets Replace Master Cylinders Replace Master Cylinders Replace Master Cylinders Replace Agrompressor Rebuild Calipers Replace Air Compressor Rebuild Shocks Replace Oil Pump Replace Oil Pump Replace Putch Replace Batteries Replace Fuel Pressure Regulators Dyno Test Engine Replace Fuel Pressure Regulators Dyno Test Engine Replace Ball Joints & Bushings Replace Ball Joints & Bushings Rebuild Steering Rack Replace Wheel Bearings Replace Wheel Bearings Replace Seat Replace Seat Replace Seat Replace Seat Replace Harness												
Rebuild Differential Replace Sprockets Replace Master Cylinders Rebuild Calipers Replace Air Compressor Rebuild Shocks Replace Air Compressor Rebuild Shocks Replace Oil Pump Replace Batteries Replace Batteries Replace Fuel Pumps Replace Fuel Pressure Regulators Dyno Test Engine Replace Rod Ends Replace Seat Replace Seat Replace Seat Replace Seat Replace Sprockets Replace Sprockets Replace Sprockets Replace Shock Replace Seat Replace Sprockets Replace Sprockets Replace Shock Replace Shock Replace Shock Replace Seat Replace Shock												
Replace Sprockets Replace Master Cylinders Replace Master Cylinders Replace Master Cylinders Replace Air Compressor Rebuild Shocks Replace Oil Pump Replace Clutch Replace Batteries Replace Fuel Pressure Regulators Dyno Test Engine Replace Ball Joints & Bushings Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings Replace Wheel Bearings Replace Seat Replace Sea	·											
Replace Sprockets Replace Master Cylinders Rebuild Calipers Replace Air Compressor Rebuild Shocks Replace Oil Pump Replace Batteries Replace Batteries Replace Fuel Pumps Replace Fuel Pressure Regulators Dyno Test Engine Replace Rod Ends Replace Batterings Rebuild Steering Rack Replace Wheel Bearings Replace Seat Repla												
Replace Master Cylinders Rebuild Calipers Replace Air Compressor Rebuild Shocks Replace Oil Pump Replace Batteries Replace Fuel Pumps Replace Fuel Pumps Replace Fuel Pumps Replace Fuel Pums Replace Rod Ends Replace Battl Joints & Bushings Replace Ball Joints & Bushings Replace Ball Jeints & Bushings Replace Seat Replace Wheel Bearings Replace Seat Replac												
Rebuild Calipers Replace Air Compressor Rebuild Shocks Replace Oil Pump Replace Batteries Replace Fuel Pumps Replace Rod Ends Replace Ball Joints & Bushings Rebuild Engine Rebuild Steering Rack Replace Seat Replace Air Compressor Rebuild Steering Rack Replace Seat Replace Seat Replace Seat Replace Air Compressor Rebuild Calipers Rebuild Calipers Replace Air Compressor Rebuild Steering Rack Replace Seat Replace Seat Replace Harness												
Replace Air Compressor Rebuild Shocks Replace Oil Pump Replace Clutch Replace Batteries Replace Fuel Pumps Replace Fuel Pressure Regulators Dyno Test Engine Replace Ball Joints & Bushings Replace Ball Joints & Bushings Rebuild Engine Replace Wheel Bearings Replace Seat Replace Seat Replace Seat Replace Seat Replace Seat Replace Harness	· ·											
Rebuild Shocks Replace Oil Pump Replace Clutch Replace Batteries Replace Fuel Pumps Replace Fuel Pressure Regulators Dyno Test Engine Replace Ball Joints & Bushings Replace Ball Sering Rock Replace Ball Farings Rebuild Engine Rebuild Engine Rebuild Steering Rack Replace Seat	·											
Replace Oil Pump Replace Clutch Replace Batteries Replace Fuel Pumps Replace Fuel Pressure Regulators Dyno Test Engine Replace Ball Joints & Bushings Replace Ball Joints & Bushings Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings Replace Seat Replace Seat Replace Seat Replace Harness												
Replace Clutch Replace Batteries Replace Fuel Pumps Replace Fuel Pressure Regulators Dyno Test Engine Replace Ball Joints & Bushings Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings Replace Seat Replace Seat Replace Harness												
Replace Batteries Replace Fuel Pumps Replace Fuel Pressure Regulators Dyno Test Engine Replace Rod Ends Replace Ball Joints & Bushings Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings Replace Seat Replace Seat Replace Harness	·											
Replace Fuel Pumps Replace Fuel Pressure Regulators Dyno Test Engine Replace Ball Joints & Bushings Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings Replace Seat Replace Harness	·											
Replace Fuel Pressure Regulators Dyno Test Engine Replace Rod Ends Replace Ball Joints & Bushings Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings Replace Seat Replace Seat Replace Harness												
Dyno Test Engine Replace Rod Ends Replace Ball Joints & Bushings Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings Replace Seat Replace Harness												
Replace Rod Ends Replace Ball Joints & Bushings  Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings  Replace Seat Replace Harness	-											
Replace Ball Joints & Bushings  Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings  Replace Seat Replace Harness												
Rebuild Engine Rebuild Steering Rack Replace Wheel Bearings Replace Seat Replace Harness	· ·											
Rebuild Steering Rack Replace Wheel Bearings Replace Seat Replace Harness									l <del></del>			
Replace Wheel Bearings Replace Seat Replace Harness	~											
Replace Seat Replace Harness	9											
Replace Harness									<b>-</b>			
	•											
	Certify Fire Surpression System											

<sup>\*</sup> Every Driver is going to be easier or harder on individual compnents, schedules represent the average driver and are for reference only.

<sup>\*\*</sup> Shock Rebuilds will be reduced by blocking the chassis during transportation

<sup>\*\*\*</sup> Intervals are based on using recommended fluids

<sup>\*\*\*\*</sup> It is highly recomendded to take oil samples for analysis and cut open oil filters



Prior Event:	Driver:	
Next Event:	Car:	
Miles Since Last Oil Change:	Milage:	

#### **Rush SR1 Nut & Bolt Inspections**

Rear End	Cabin	Front End	Services
Good Not Checked Repaired Need Attention	Good Not Checked Repaired Need Attention	Good Not Checked Repaired Need Attention	Completed Not Required Not Completed
Oil Level (Before Warmup) Radiator Water Level Bounce Test Suspension Wheel Looseness Rear	Check Steering Wheel for Excessive Play Steering Rack Smooth Steering Rack Tension Set Check Paddle Pivots - Steak if Needed Steering Wheel Controls not Damaged	Bounce Test Suspension Wheel Looseness Suspension Bolts & Fasteners No Damage to Control Arms No Damage to Push & Tie Rods	Clean Body Clean Engine Bay Clean Interior Clean Cameras Lube Body Quick Release
Suspension Bolts & Fasteners  No Damage to Control Arms No Damage to Push & Tie Rods Wheel Hub Bolts Camber Shims Leftmm Rightmm	Camera Settings, Card Installed, Lens Clean Check Camera System Catalyst Camera Working & Cleaning Check Catalyst Power Supply	Wheel Hub Bolts Camber Shims Leftmm Rightmm  Set Shock Pressure (300PSI) Check for Shock Leakage	Grease Heim Joints Front Grease Heim Joints Rear Clean & Lube Ball Joints Front Clean & Lube Ball Joints Rear
Set Shock Pressure (300PSI) Check for Shock Leakage Shock Spring Preloaded & Seated No Cracks in the Shock Mounts	Mirrors Tight Seat In Good Condition (No Cracks) Seat Tight & Secure w/ Seat Back Supports V1 Seat Back Support Tight Against Frame	Shock Spring Preloaded & Seated No Cracks in the Shock Mounts  Brake Pads (Thinnest): mm Brake Pads for Cracks	Clean & Lube Chain  Replace Camber Bolts Change Differential Fluid
Brake Pads (Thinnest): mm Brake Pads for Cracks Brake Rotors for Cracks Brake Rotors Turning the Correct Direction	Harnesses in Good Condition - No Frays Harness Pins Installed Harness Date Within Range Head Restraints Adjusted & Tight	Brake Rotors for Cracks Brake Rotors Turning the Correct Direction Brake Caliper Bolts Brake Fluid Level	Measure Ride Height Check Corner Balance Check Alignment Alignment Required Y/N Complete Setup Sheet
Brake Caliper Bolts  Chain Tension Chain O-Rings, Barrels, Links Less than 1/2in Difference between Tightest & Loosest	Fire Suppression System Fire Suppression Gauge in the Green Fire Nozzles Aimed Properly Fire Pin Installed	Soap Test Shifter Air Tank Check GCU - Ensure it is Secure Air Tank / Compressor Secure  Rack & Pinion Bolts	Charge Battery Drain Air Tank  Download Data & Update AIM
Chain Aligned Sprocket Carrier Aligned (Teeth Centered) Rear Sprocket Hub Bolts Tight Rear Sprocket Wear	Run Test Brake Lights Working Approach Lights Working Rain Light Working	Steering Shaft U-Joints Tight Steering Shaft Bolts Tight Master Switch Terminals Covered Check Dash Wiring for Damage or Freyed Wires	Installed Tire Condition New / Used / Needs Replaced Spare Tire Condition New / Used / Needs Replaced
Rear Sprocket Bolts Tight  Front Sprocket Nut - 180 ftlb Front Sprocket Wear Size Tooth	Throttle Cable Setup (OBD 92% Max) Test Kill Switch Test Neutral Select Switch Test Clutch Switch Test Shifter Test Shifter	Pedal Box Bolts, Cables Pedal Box Welds Clutch Stroke Throttle Cable Tension (If Applicable)	All Tools, Rags, Trays Removed from Car  Completed By:
Axle CV Bolts - 40ftlb Axle Play Axle Nuts - 130ftlb Axle Boots, Clamps, Breathers	Brake Bias - Set to 60% or Greater	Bodywork/Clam Check Underbody Panels for Damage Body Fitment Splitter Struts Hardware	Reviewed By:
Differential Flange Looseness Differential Oil Level Differential Seals Differential Contered in the Chassis	Check Sensor Calibration in AIM  Dash - Reset Service Intervals  AIM Dash Lights Labeled  Oil Level (1 Min After Engine Off)	Splitter Mounting Hardware Splitter Wear Pucks	REV7.6-DSD/12-1-2024

Notes:

Motor Mount Bolts
Exhaust Secure

Differential Flange Bolts Secure & Pins Seated

Air Box Looseness
New Air Filter?

Fuel Line for Leaks
Fuel Pressure (45 PSI)
Fuel Filter Secure
Fuel Tank No Debris
Fuel Tank Mounts

Soap Test Shifter Air Block Valve
Battery Terminal Covers Installed

Battery is Secure



#### Rush SR1 - Track Side - Nut & Bolt Inspections **Need Attention** Not Checked Not Checked Rear **Front** Oil Level Good Wheel Looseness Front Radiator Water Level Suspension Bolts & Fasteners Check for Shock Leakage - Bounce Test Wheel Looseness Rear Shock Spring Preloaded & Seated Suspension Bolts & Fasteners No Damage to Control Arms Check for Shock Leakage - Bounce Test No Damage to Push & Tie Rods **Brake Rotors for Cracks** Shock Spring Preloaded & Seated No Damage to Control Arms **Brake Pads Thickness** No Damage to Push & Tie Rods Brake Fluid Level Brake Rotors for Cracks **Brake Pads Thickness** Rack & Pinion Looseness or Binding Camber Shims In Place Check Steering Wheel for Loosenes Chain Tension Pedal Box Bolts, Cables.... Chain Free of Damage Pedal Box Assembly Chain O-Rings & Barrels are Intact Clutch Stroke / Cable Less than 1/2in Difference between Tight & Loose Neutral Switch Not Broken Off Rear Sprocket Hub Alignment Throttle Cable Not Freyed Rear Sprocket Bolts Steering Shaft Set Screws Clean & Lube Chain Front Sprocket Nut Tight Download AIM Data Brake Bias - XX% Or Higher Axle CV Bolts Tight Oil Pressure is Reading on the AIM & Good Axle Play Normal Brake Pressure Reading on the AIM Axle Boots, Clamps, Breathers Shift Paddles Pivot Pin Tight Rear Differential Flange Looseness Camera Settings, Card Installed, Lens Clean Rear Differential Centered in the Chassis Rear Differential Bolts Tight Catalyst Camera Working & Cleaning Catalyst Power Supply **Battery** is Secure Check GCU is Secure Seat Tight - All Bolts Air Block Tight & Compressor Bolted Down Harnesses in Good Condition Fire Suppression System Good Motor Mount Bolts Tight **Body Fitment** Exhaust Secure Mirrors Tight Check Air Box Looseness **Brake Lights Working** Fuel Lines & Fittings Not Leaking Approach Lights Working **Fuel Tank Mounts** Rain Light Working Fuel Pressure (45 PSI Gauge) (42PSI if Calibrated) Splitter Struts Harware Tight Splitter Mounting Hardware Tight Check Clutch Switch in the AIM Check Speed Emulator is Working All Tools, Rags, Trays.... Removed from Car Check For Codes via the OBD Connector Completed By: Camber Bolts Replaced (If Off Track or Damaged)





Car #	
Chassis #	

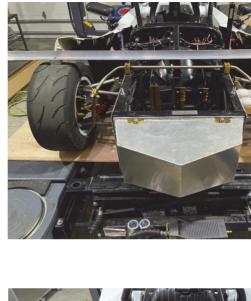
Date	
<b>Track</b>	
Session	

<u>Shims</u>	ı							
2mm = 0.1 1mm = 0.1			CAMBER				TOE	
0.5mm =	0.15°		Caster					
* Approximate  Shocks Comp = Upp	SHIMS		SAI		Front SHIMS			
Rebound = I Comp = 4.5 Rebound = 3	Turns		Thrust		<b>Rear</b> SHIMS		5' = 0.5mm = 0.08°	
				FRONT	END SETUP			
	Shock LH		Springs / Preloa	4	Shock RH	Corner	Weights / Ride	Hoight
	mpression	Rate	Front ARB	Rate	Compression		Front Percent	Weight
	rom Closed	nate	TIOIL AND	Nate	From Closed	weight	44-48% With Driver	weight
	Shock Le	ength (mm)						
	Rebound	Pre Load	Shock Press	Pre Load	Rebound	Height	Front Splitter	Height
Fr	rom Closed	la:			From Closed			
		Steering	Position:					
				RFAR	END SETUP			
				112/111	32.01			
	Shock LH	S	Springs / Preloa		Shock RH	Corner	Weights / Ride	Height
	Shock LH mpression	Rate	prings / Preloa Rear ARB			Corner Weight	Weights / Ride Total Driver	Height Weight
Cor				d	Shock RH			
Cor	mpression rom Closed			d	Shock RH Compression		Total Driver	
<mark>Cor</mark> Fr	mpression rom Closed	Rate	Rear ARB	d	Shock RH Compression	Weight	Total Driver	Weight
Fr	mpression rom Closed Shock Le	Rate ength (mm) Pre Load	Rear ARB  Med / Norm	Rate Pre Load	Shock RH Compression From Closed	Weight  Rake (  Height	Total Driver F-R): Rear Wing	mm Height
Fr	rom Closed Shock Le	Rate ength (mm) Pre Load Fuel Tan	Rear ARB  Med / Norm  k Level "A":	Rate Pre Load /14.5"	Shock RH Compression From Closed Rebound	Weight  Rake (  Height	Total Driver F-R):	mm Height
Fr Fr	rom Closed Shock Le Rebound rom Closed	Rate ength (mm) Pre Load Fuel Tan Fuel Tan	Rear ARB  Med / Norm  k Level "A": k Level "B":	Rate Pre Load /14.5" /14.5"	Shock RH Compression From Closed Rebound	Rake ( Height  * Lower the Num	Total Driver  F-R):  Rear Wing  ber on the Wing the sm	mm Height
Fr Fr	rom Closed Shock Le	Rate ength (mm) Pre Load Fuel Tan Fuel Tan	Rear ARB  Med / Norm  k Level "A":	Rate Pre Load /14.5" /14.5"	Shock RH Compression From Closed Rebound	Rake ( Height  * Lower the Num	Total Driver F-R): Rear Wing	mm Height
Fr Fr	rom Closed Shock Le Rebound rom Closed	Rate ength (mm) Pre Load Fuel Tan Fuel Tan	Rear ARB  Med / Norm  k Level "A": k Level "B":	Rate Pre Load /14.5" /14.5"	Shock RH Compression From Closed Rebound	Rake ( Height  * Lower the Num	Total Driver  F-R):  Rear Wing  ber on the Wing the sm	mm Height
Front	rom Closed Shock Le Rebound rom Closed	Rate ength (mm) Pre Load  Fuel Tan Fuel Tan	Rear ARB  Med / Norm  k Level "A": k Level "B":	Rate Pre Load /14.5" /14.5"	Shock RH Compression From Closed Rebound From Closed	Rake ( Height  * Lower the Num	Total Driver  F-R):  Rear Wing  ber on the Wing the sm	mm Height
Front	rom Closed Shock Le Rebound rom Closed	Rate ength (mm) Pre Load  Fuel Tan Fuel Tan	Rear ARB  Med / Norm  k Level "A": k Level "B":	Rate Pre Load /14.5" /14.5"	Shock RH Compression From Closed Rebound From Closed	Rake ( Height  * Lower the Num	Total Driver  F-R):  Rear Wing  ber on the Wing the sm	mm Height
Front	rom Closed Shock Le Rebound rom Closed	Rate ength (mm) Pre Load  Fuel Tan Fuel Tan TIRES	Rear ARB  Med / Norm  k Level "A": k Level "B": COLD - Nankan	Rate Pre Load  /14.5" /14.5"	Shock RH Compression From Closed Rebound From Closed From Closed	Rake ( Height  * Lower the Num	Total Driver  F-R):  Rear Wing  ber on the Wing the sm	mm Height
Front	rom Closed Shock Le Rebound rom Closed	Rate ength (mm) Pre Load  Fuel Tan Fuel Tan TIRES	Rear ARB  Med / Norm  k Level "A": k Level "B":	Rate Pre Load /14.5" /14.5"	Shock RH Compression From Closed Rebound From Closed From Closed	Rake ( Height  * Lower the Num	Total Driver  F-R):  Rear Wing  ber on the Wing the sm	mm Height

# Late Entry Motorsports Ride Height to Chassis Height Measurements

Front Ride Height					
Frame to Floor	Bar to Chassis				
483	67				
481	68				
480	69				
479	70				
478	71				
477	72				
476	73				
475	74				
473	75				
472	76				
471	77				
470	78				
469	79				
468	80				
467	81				
465	82				
464	83				
463	84				
462	85				
461	86				
460	87				
459	88				
457	89				
456	90				
455	91				
454	92				
453	93				
452	94				
451	95				

Rear Ride Height					
Frame to Floor	Bar to Chassis				
462	105				
461	106				
460	107				
459	108				
458	109				
457	110				
456	111				
455	112				
454	113				
453	114				
452	115				
451	116				
450	117				
449	118				
448	119				
447	120				
445	121				
444	122				
443	123				
442	124				
441	125				
440	126				
439	127				
438	128				
437	129				
436	130				
435	131				
434	132				
433	133				









Front	Rear	Rake	in .
476	456	20	Baseline

mm	0.1	0.5	0.6	0.7	0.8	1.0	1.25	1.5	1.75	2.0
deg	0.02°	0.08°	0.1°	0.12°	0.13°	0.17	0.21°	0.26°	0.3°	0.35°





## **RUSH SR Recommended Fluids & Filters**

**Engine Oil:** 3.5qt Total / 3qt. No filter change add a 0.5qt with Filter Change

Specification

Recommend PAO, Ester or Blend / Group IV or Higher

VI = 170 or Greater

JASO MA Certified - Common oil system for engine, gearbox, and clutch.

Summer 20w-50 / 10w-60 / 15w-60 Motorcycle

Klotz KV-1560R 15w-60 Motul 300V 15w-60 Motorex SynT 10w-60

Liqui-Moly Motorbike 4T 10w-60 Spring/Fall 10w-40 / 10w-50 Klotz KL-840R 10w-40 Motorex SynT 10w-50

Liqui-Moly Motorbike 4T 10w-50 Fuchs Silkolene Pro 4 10w-40

Engine Filter: Suzuki 16510-07J00 / K&N PT# KN-138 / HIFlo Filtro PT# HF138RC

**Differential:** 8-10 oz Drain & Replace - 16oz with Flush & Fill

Pro Tip: Fill with Both Drain Plugs Removed, Clock the Differential so that the drain plug holes are clocked at 12 & 3, fill

until fluid starts to run out of the side.

SAE 75W-140 or 80w-140 Synthetic API GL-5

Add Limited Slip Additive if Chattering

Amsoil 75w-140 Severe Gear

Brake Fluid: (1) Liter During Standard Flush

Pro Tip: Raise rear as high as you can to help migrate air out of the master cylinders – Better Fluid decrease service intervals

Racing/Performance Dot 4 or Greater

Dry Boiling Point in excess of 570°F & Wet Boiling Point above 375°F

Best: Castrol SRF

Better: Wilwood EXP 600 / CMS RF1 Budget: ATE Superblue/Type 200

Chain Lube: Motul Factory Line Chain Lube PT#103246

Chain Cleaner: Naphtha Based Aerosol Cleaner

Thoroughly Rince after Applying (Do Not Let it Dry)

Maxima Chain Cleaner PT#CS75920 Motul Chain Cleaner PT#103243

Coolant: App (3) Gallons When Empty

Deionized, Reverse Osmosis or Distilled Water Add Red Line Water Wetter (5 oz / gal)

Cool Weather Antifreeze Protection - G40 (Pink) - Mix 20% for Protection to 20°F

Air Filter: Gen I Throttle by Cable - Suzuki 13780-47H10 Or K&N PT# SU-9915

Gen II Throttle by Wire - Suzuki 13780-48K00 Or DNA Filter PT# P-S10GT22-01

Heim Joints: Synthetic Lithium Complex Grease NLGI Rated GC-LB

Lucas Red "N" Tacky

Ball Joints: White Lithium (Low Viscosity) - Dupont Teflon White Lithium Grease PT# D10106601

**Body Pins:** White Lithium (High Viscosity) - WD-40 Specialist White Lithium PT#300240

Cable Lube: PJ1 Cable Lube

Body: Mild Soap

Use Mothers R4 Rubber Remover for Tire Scuffs

Body Can be waxed but this will prevent number plates from sticking



## Table of Contents

General Guidelines	3
Uprights	4
Differential	6
Half shafts	7
Suspension	5
Other fasteners	8



## **General Guidelines**

When tightening non-locking nuts and bolts without a locknut, use blue thread locker unless otherwise specified.

If a nut or bolt is found loose during a check, replace the locknut, or reapply thread locker before tightening again.

If a bolt or nut without a locknut is moved during a check, the thread locker has been broken loose and needs to be reapplied before tightening again.

Locknuts are a single use item and should be replaced if removed.

Replace Nyloc Nuts After Every Use, Use Top Lock Nuts in all Critical Area's

14/15/16T Sprockets use 31Link Chain / 13T Sprocket uses 30Link Chain

Bias Adjuster - 12 Turns Total / Adjust to the Stops and Back off (1) Turn

Ignition Fuse (10A) - ECM / Ignition Coils, 02 Sensor (Not Used) Pair Valve

When in Limp Mode (Throttle Only Opens 40%)

Use the Red OBD Connectors to Test DBW Cars and White Connector on the Throttle by Cable Cars

No Codes Exist but Throttle Limited to 40% Open Check Speed Emulator Quick Speed Emulator Check: While in Nuetral Rev the Engine if it goes beyond 6,000 RPM then the Emulator is not working properly



## **Uprights**

- A. Wheel hub bolts are torqued to 40 ft-lb (54 N-m)
- B. Camber bolts are torqued to 30 ftlb (41 N-m)
- C. Bearing nuts are torqued to 48 ft-lb
- D. Lug nuts are torqued to 120 ft-lb (163 N-m), no thread locker
- E. The rotor bobbins use a distorted thread lock nut, torqued to 15 ft-lb (20 N-m)

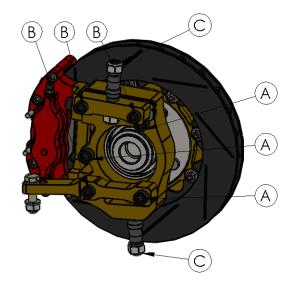


Figure 1

#### **B. Camber Bolts:**

Front Suspension Camber Bolt
Use 60mm Bolt with Greater than 4mm Shim
Use 55mm Bolt with Less than 4mm of Shim

Rear Suspension Camber Bolts
Use 55mm Bolt with Greater than 6mm Shims or Greater
Use 50mm Bolt with Less than 6mm of Shim

Liberally Apply Loctite 243 (Blue) Torque Camber Bolts to 35 ft-lb

#### D. Lug Nuts

Torque to 80ftlb (No Grease, Antisieze or Thread Locker)



# Suspension

- A. A-Arm and Shock bolts torqued to 26 ft-lb (35 N-m)
- B. ARB block bolts torqued to 18 ft-lb (24 N-m)

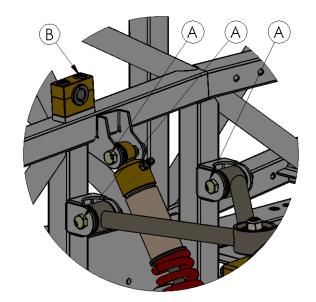


Figure 2



### **Differential**

- A. Housing bolts (long side) torqued to 96 in-lb (11 N-m), apply blue thread locker, safety wire bolts Do not exceed 120 in-lb (13 N-m), doing so will damage the threads of the housing
- B. Housing bolts (short side) torqued to 96 in-lb (10.8 N-m), apply blue thread locker, safety wire optional Do not exceed 120 in-lb (13 N-m), doing so will damage the threads of the housing
- C. Copper washer installed with plug. Plugs torqued to 16 ft-lb (27 N-m), apply blue thread locker. Replace washer after removal.

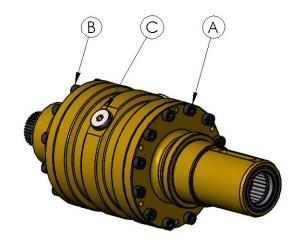


Figure 3



### Half shafts

- A. Outside CV joint bolts (button head) torqued to 35 ft-lb (48 N-m), apply blue thread locker, use a Belleville lock washer.
- B. Housing bolts (short side) torqued to 35 ft-lb (48 N-m), apply blue thread locker, use a Belleville lock washer.
- C. CV flange bolt torqued to 45 ft-lb(61 N-m), apply red thread locker

Belleville lock washers should be installed in the orientation shown in Figure 5, cone tapered towards the bolt head.

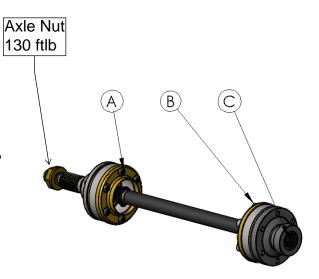


Figure 4

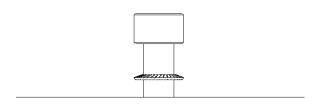


Figure 5



## Other fasteners

The engine sprocket nut is torqued to FH€ ft-lb (122 N-m).

Engine mount chassis bolts torqued to 20 ft-lb (27 N-m).

Engine mount block bolts torqued to 40 ft-lb (54 N-m).