

DR-Z HERO '02

HERO

DAKAR READY

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"The real cycle you're working on is a cycle called yourself. The machine that appears to be 'out there' and the person that appears to be 'in here' are not two separate things. They grow toward Quality or fall away from Quality together."
- Zen and the Art of Motorcycle Maintenance

Goal: Purchase, title/register, insure, and repair a used motorcycle for \$2,500 or less

Table 1: Shows the prior repairs, along with their estimated costs, completed by the previous owners

Table 2: Shows the repairs I completed along with their urgency prioritization

Table 3: Shows my itemized spending to complete the project

Table 1

PRIOR REPAIRS OR INCLUDED WITH PURCHASE AS SPARE PARTS	
Pro Taper handlebars	65
Handlebar cross brace	25
Tusk half waffle grips	7
Tusk aluminum handguards	30
Tusk MX hand shields	15
Motion Pro throttle cable	20
Bypass clutch safety switch	0
Kinstecks LED turn signals	20
Amazon headlight	20
Shaved seat foam down	0
Attack Graphics seat cover	28
Tusk rear rack	80
Used header pipe	40
Choke switch detent	8
Checked valve clearances	0
Maxima pre-oiled air filter	15
Rear shock rebuild	75
Ricochet skid plate	105
Replaced brake pads	20
Bled the brakes	10
Black Path lowering links	27
Swing arm bearing	70
Wheel bearings and seal kits	60
Primary Drive 47 tooth rear sprocket	20
Primary Drive 14 tooth front sprocket	9
Tusk DSport tires	110
Tusk heavy duty tire tubes	18
D.I.D. 520 roller chain	50
TPR chain guard	50
Clymer manual	27
Aluminium ramp	50
1x spark plug	4
2x Tusk oil filters	7
TOTAL	\$1,085

Table 2

REQUIRED TO BE FUNCTIONAL, LEGAL, AND SAFE
Replaced horn
Replaced speedometer cable
Checked all hardware for factory torque specifications
Cleaned chain and double checked tension
Replaced battery
URGENT REPAIRS TO COMPLETE ASAP
Flushed and refilled coolant
Replaced fuel line hose clamps
Replaced fraying throttle cable
Made a headlight bracket
Replaced countershaft seal
Checked engine valve clearances
Checked functionality of radiator fan
Cleaned carburetor (Seafoam)
Adjusted fuel mixture (installed extended mixture screw)
NEED TO ADDRESS AT EARLIEST CONVENIENCE
Checked spark plug
Replaced frame oil drain plug (rounded head)
Made a new gas cap gasket
Resealed clutch safety wiring connection
Double checked spoke tension
Made a front brake cable guide
Patched small crack at top of fuel tank
Adjusted engine idle speed
Replaced timing plug and gasket
Replaced crank hole plug and gasket
Completed front sprocket Loctite fix
Changed oil, oil filter, and O-ring
Cleaned spark arrestor
Replaced union bolt, oil hose, and gaskets
CAN WAIT AS LONG AS NECESSARY
Switched countershaft sprocket with a larger one
Removed peeling decals
Filed clutch and brake levers to be smooth again
Replaced helmet lock
Replaced passenger peg bearings, springs, and shims
Mounted storage crate to tail rack
Purchased OHV permit
Bypassed kickstand safety switch
Replaced kickstand springs
Installed engine case savers

Table 3

SPENDING	OUT OF POCKET	GIFT CARD
Purchased bike - 12k miles on odometer	2000.00	
Title transfer fee	35.00	
Registration	81.50	
1 year of insurance	150.00	
Helmet		95.39
Riding gloves	12.25	15.30
Duplicate spare keys	15.00	
Horn		83.69
Speedometer cable	34.35	
Chain lube	8.00	
Battery		26.49
Battery tender		69.96
Fuel line hose clamps		1.00
Fork tube (headlight) brackets		15.47
Countershaft seal kit		21.19
15 tooth front sprocket		17.16
Feeler gauges		11.65
TDC bolt and assorted gaskets	36.37	
Banjo bolt/oil hose/washers	75.15	
Seafoam, oil	34.70	
Extended fuel mixture screw		21.19
Frame magnetic drain plug	11.37	
Crankcase magnetic oil plug & gasket washers	14.97	
Rubber gasket material	1.00	
Wire connectors, shrink tube	5.00	
Case savers		12.70
RTV silicone	4.22	
Storage crate	10.00	
Kickstand springs, passenger peg kit	23.11	
Handlebar phone mount		20.03
Outdoors cover	22.25	
OHV permit	12.50	
SUBTOTALS	\$2,586.74	\$411.22