



Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560

www.midlife Classics.com



1971 FORD



F-100

Restoration Project Portfolio





Midlife Classics inc.

Classic & Exotic Car Restoration and Sales

2351 CR-447, Princeton, TX 75407

Phone: 972-736-3560

Fax: 972-736-3561

www.midlifeclassics.com

Whitey Ford
100 Ford Truck Ln
Dallas, TX 76100

January 26, 2012

Dear Mr. Ford,

Now that the date of delivery of your restored F-100 is finally here, I'd like to take the opportunity to thank you for entrusting your family heirloom to Midlife Classics. I hope that you are as happy with your "new" truck as I am proud of what we have accomplished.

It has been a long journey for us, but for you the real fun is just about to start. Your patience and financial commitment have resulted in one very fine classic that is destined to pay you back with years of driving pleasure and more "thumbs up" than you'll be able to count.

This portfolio is both a record of the work that has gone into your treasure, and a guide to getting the most out of your investment. I suggest that you review it at your earliest opportunity and keep it in a safe place. If, for any reason, you ever need to take it to another shop, everything a mechanic would need to know about your F-100 that sets it apart from others is contained within this portfolio. You will also find a CD enclosed. On it you will find a copy of every photo that has been taken of your car along with copies of virtually every document created and every research item collected during the restoration process.

The amount of time we spend on a project like this makes the final "product" seem like a part of the family, and – by extension – so are you. I hope that you can feel free to contact me with any questions you may have and that we will see you periodically over the years as the car needs servicing or when we bump into each other at classic car events. Working with you has been a genuine pleasure.

Best regards,

Robert Carroll
President
Midlife Classics, Inc.



TABLE OF CONTENTS

1971 Ford F-100

for

Whitey Ford

- **PROJECT PHOTO GALLERY**
 - As Received
 - Disassembly & Strip
 - Chassis
 - Initial Assembly
 - Body & Paint
 - Final Assembly
 - Completed Project
- **PROJECT SUMMARY**
 - Objective
 - Scope
 - Upgrades
 - Major Systems & Components
 - Final Product
 - Midlife Classics Commitment
- **PROJECT WORKSHEETS**
 - Summary
 - Parts
 - Labor
 - Sodablasting
- **PROJECT CHECKLISTS**
 - Suspension & Steering
 - Brakes
 - Cooling System
 - Fluids
 - Electrical System
 - Engine
 - Safety & Convenience
 - Body & Trim
 - Road Test
 - Pre-Delivery Detailing
- **OPERATIONS GUIDE**
 - Engine Start
 - Transmission
- **SPECIFICATIONS & MAINTENANCE**
 - Vehicle Identification Number and Data Plate
 - Maintenance Specifications
 - Service Intervals
 - Maintenance Log





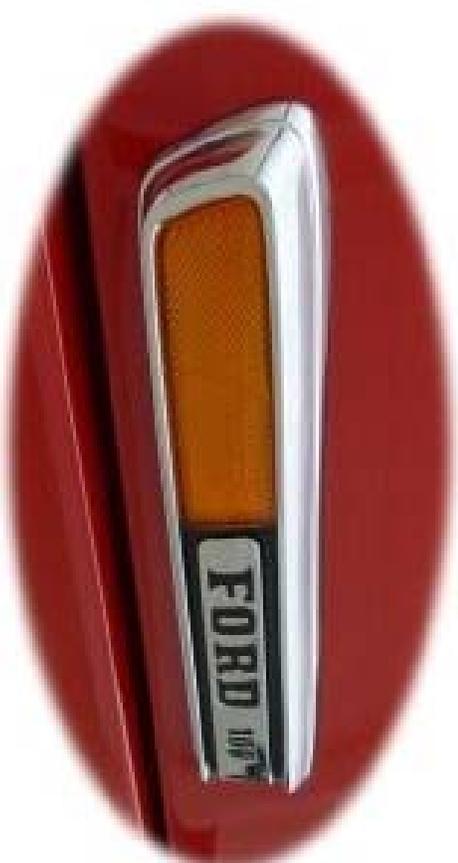
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 FORD



F-100

PROJECT PHOTO GALLERY



CO
g

Custom

758400
NORTH CAROLINA



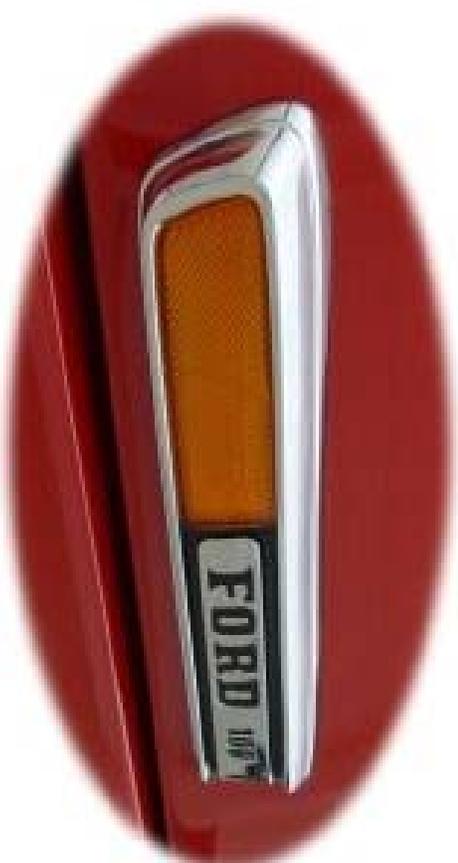
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 FORD

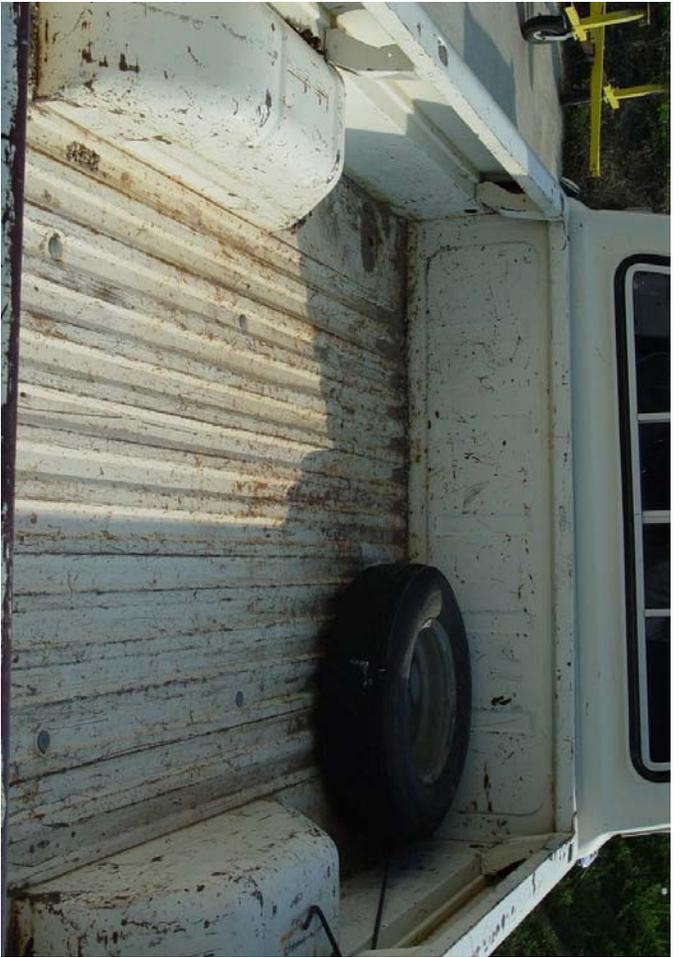


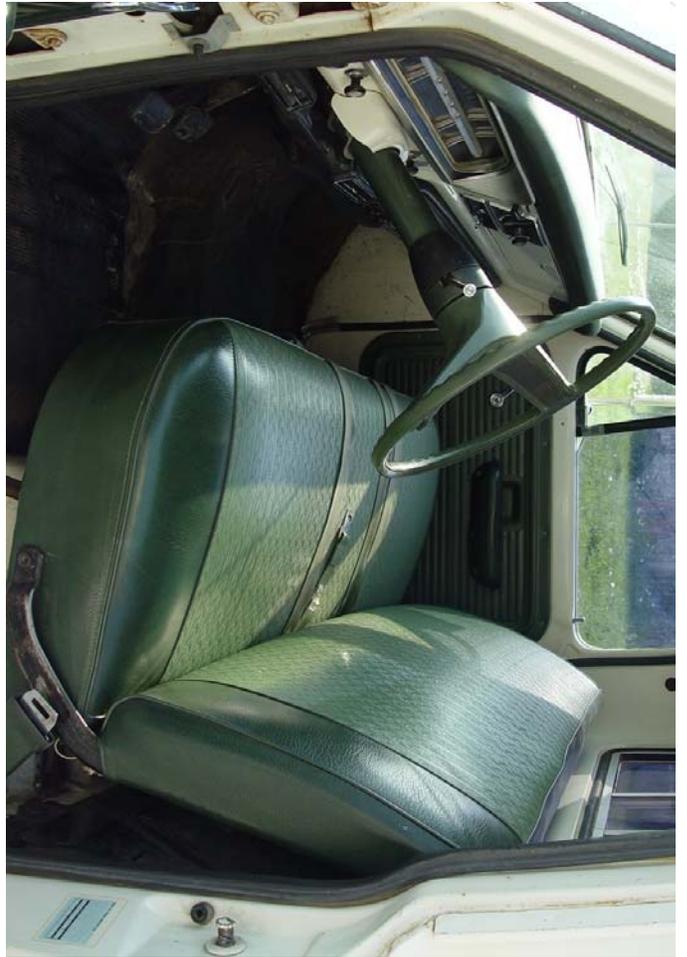
F-100

PROJECT PHOTO GALLERY

< As Received >













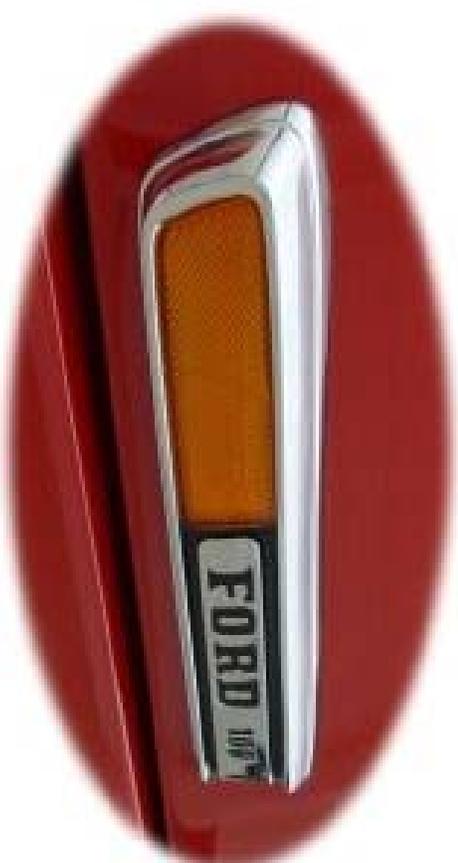
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlifeclassics.com



1971 FORD



F-100

PROJECT PHOTO GALLERY

< Disassembly & Strip >

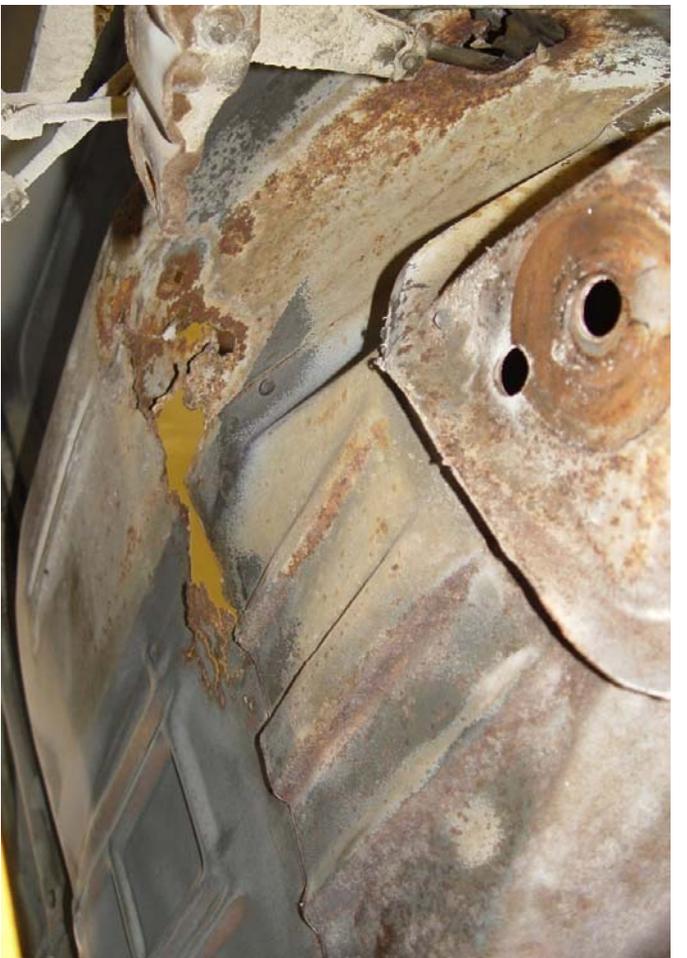














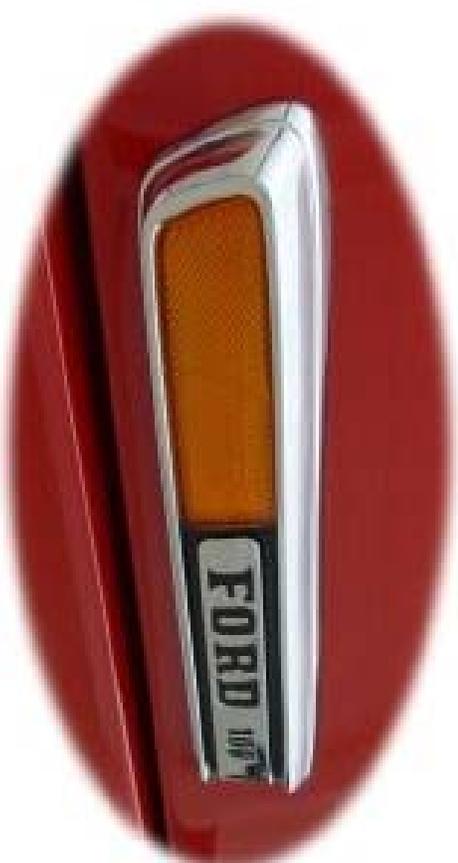
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 FORD

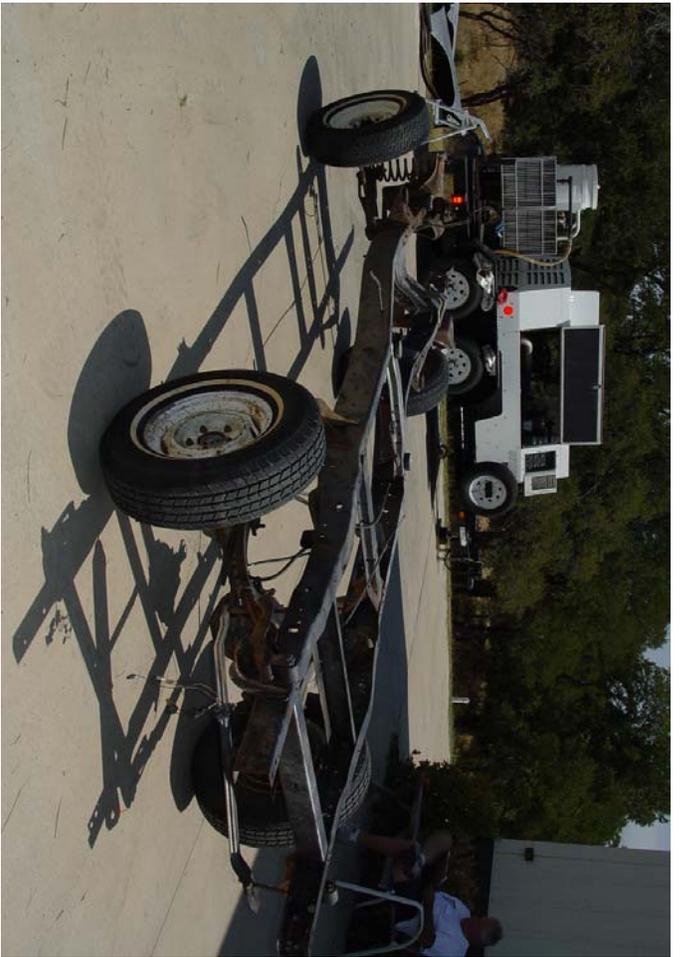


F-100

PROJECT PHOTO GALLERY

[< Chassis >](#)









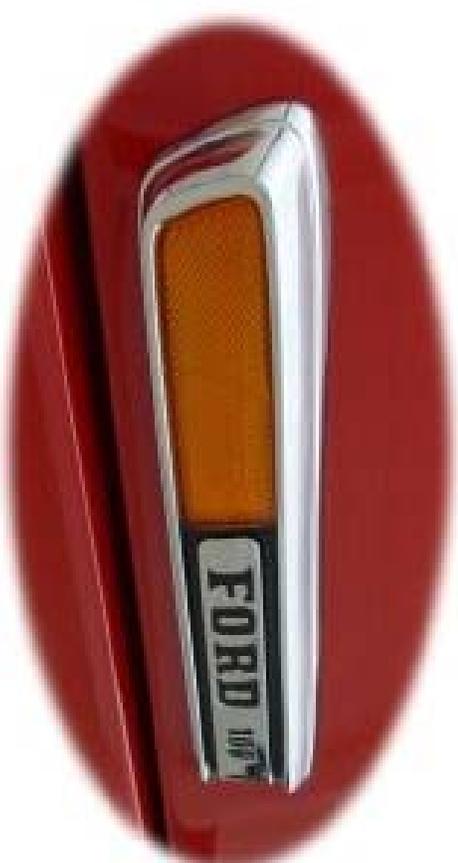
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



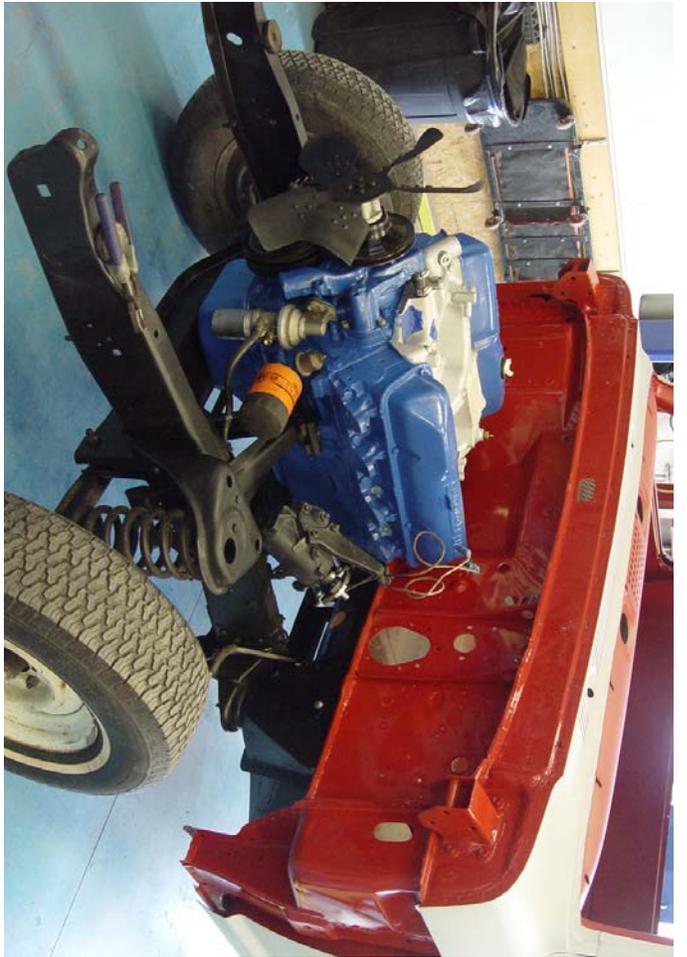
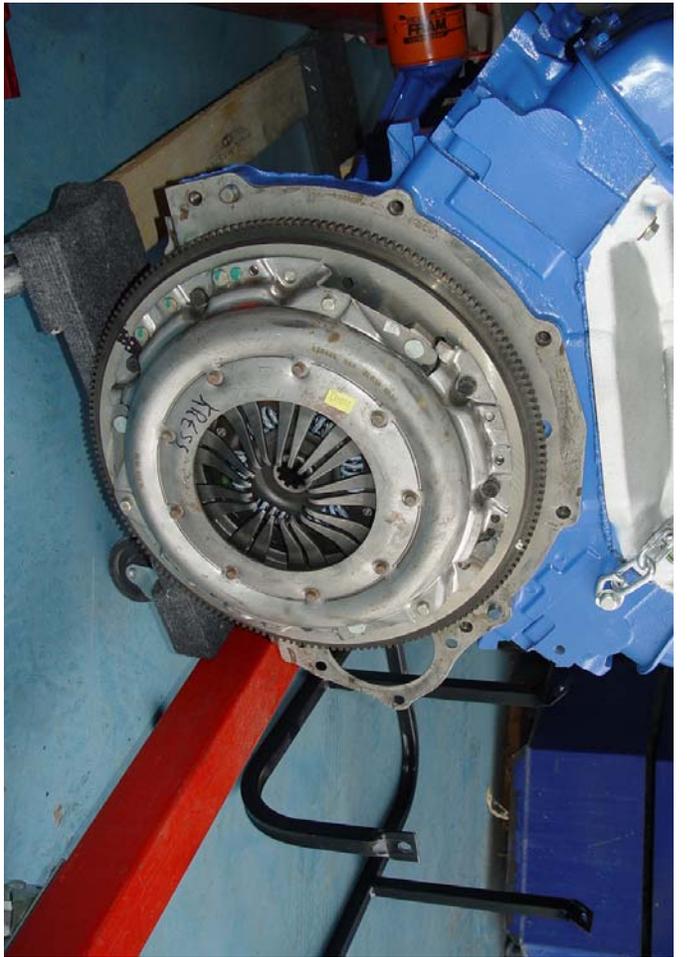
1971 FORD



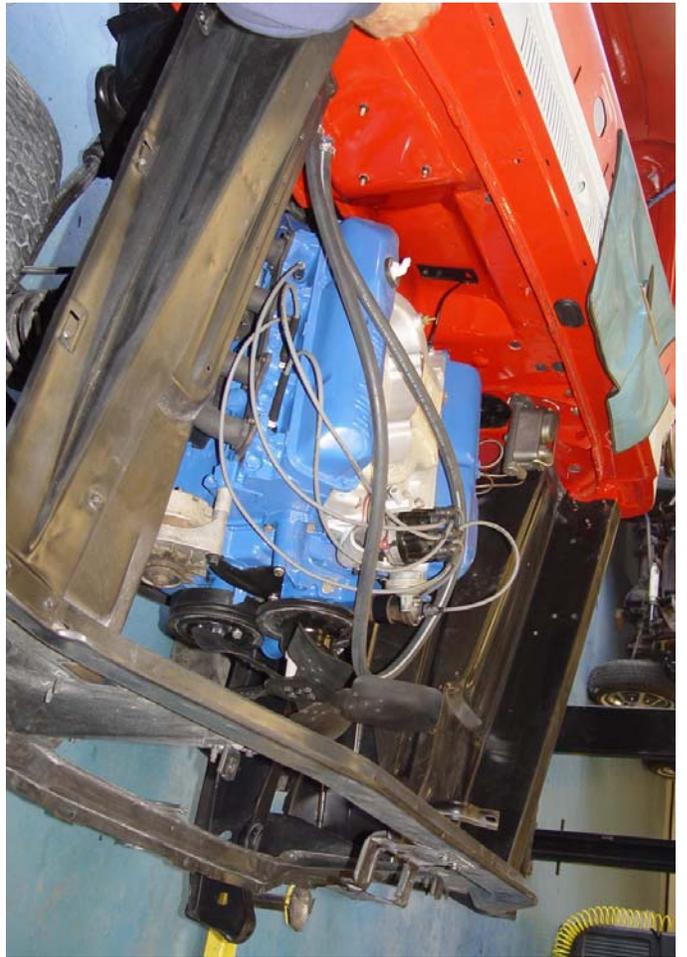
F-100

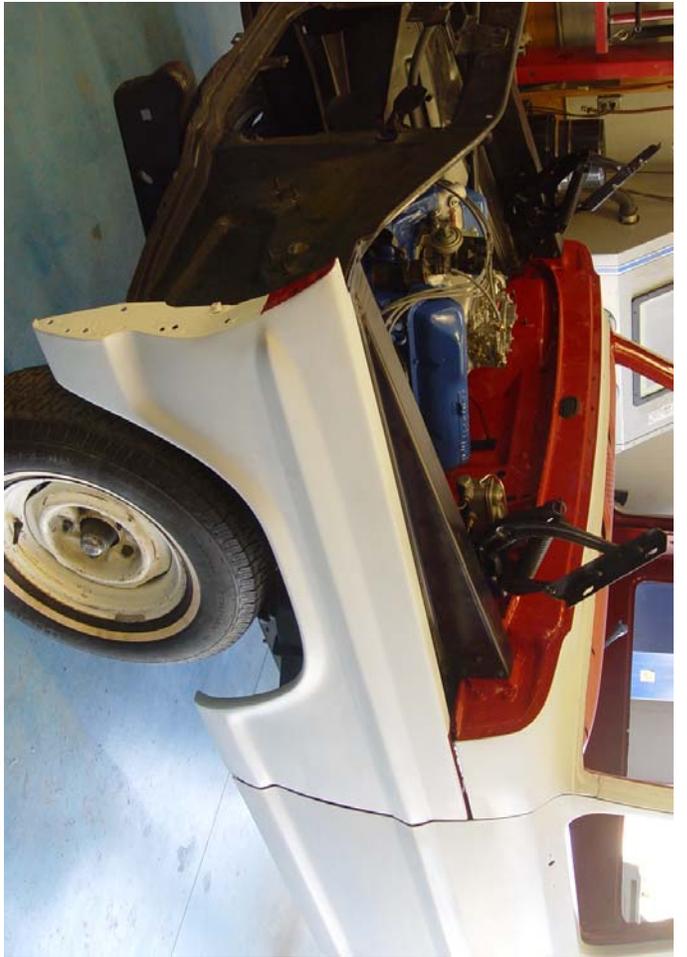
PROJECT PHOTO GALLERY

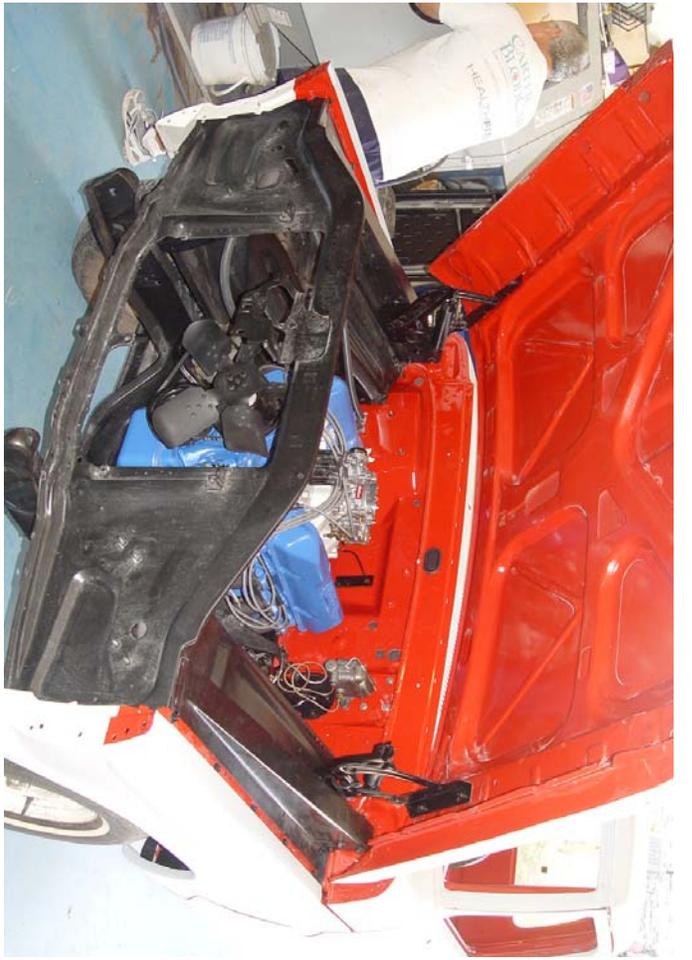
< *Initial Assembly* >















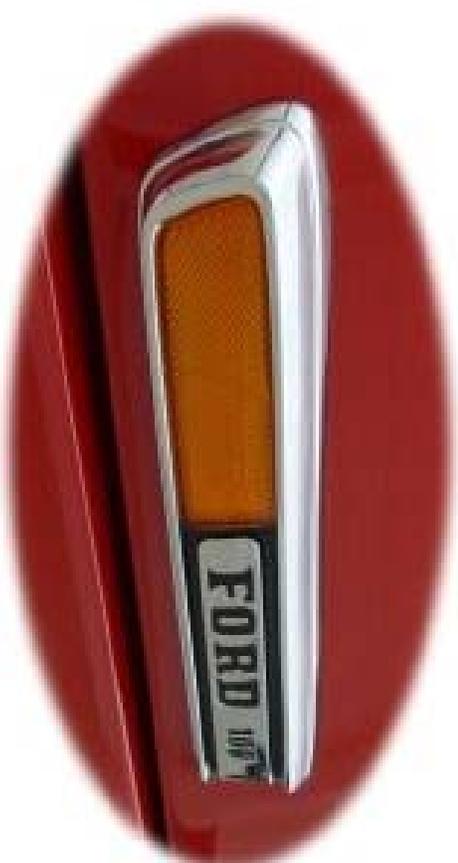
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 FORD

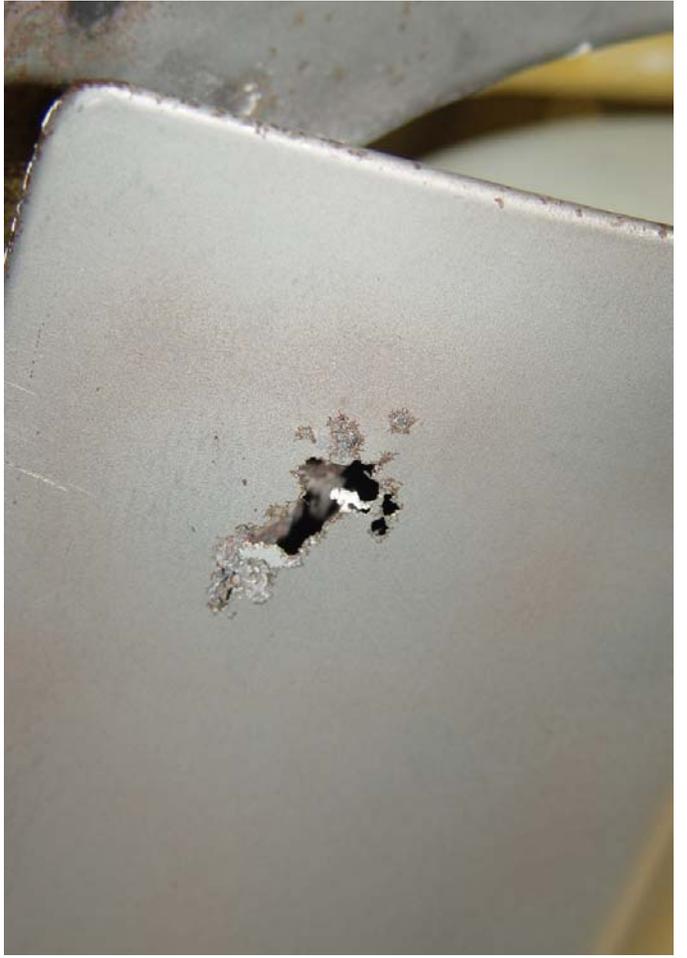


F-100

PROJECT PHOTO GALLERY

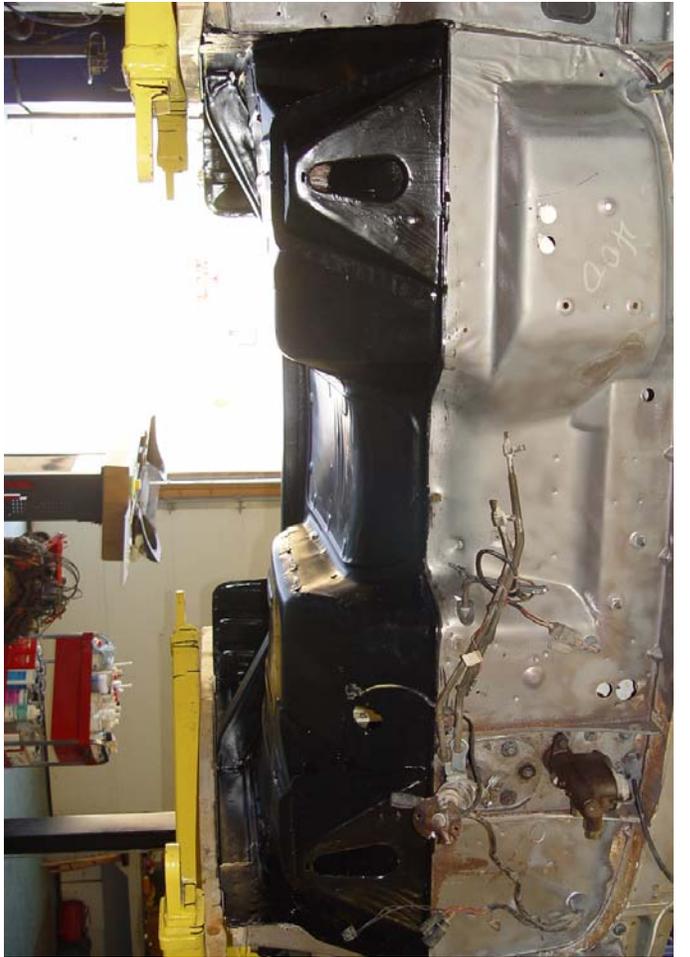
< Body & Paint >













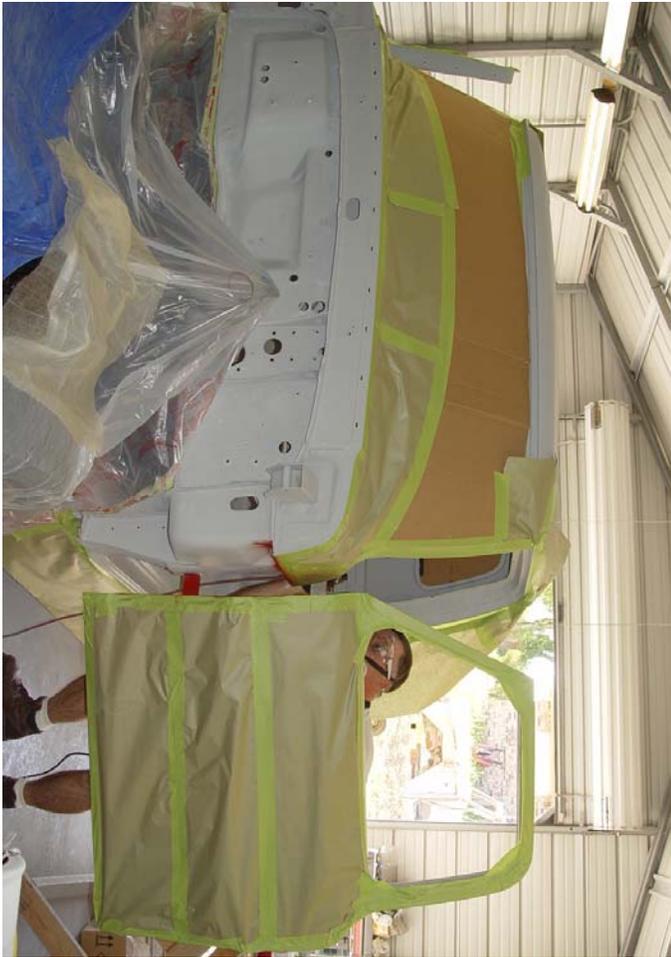


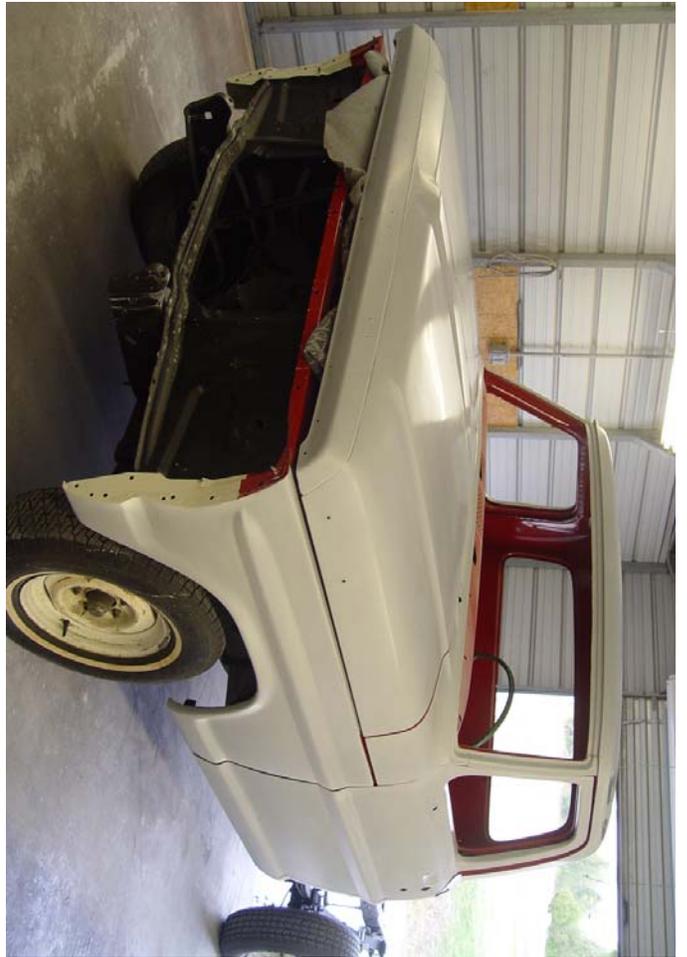




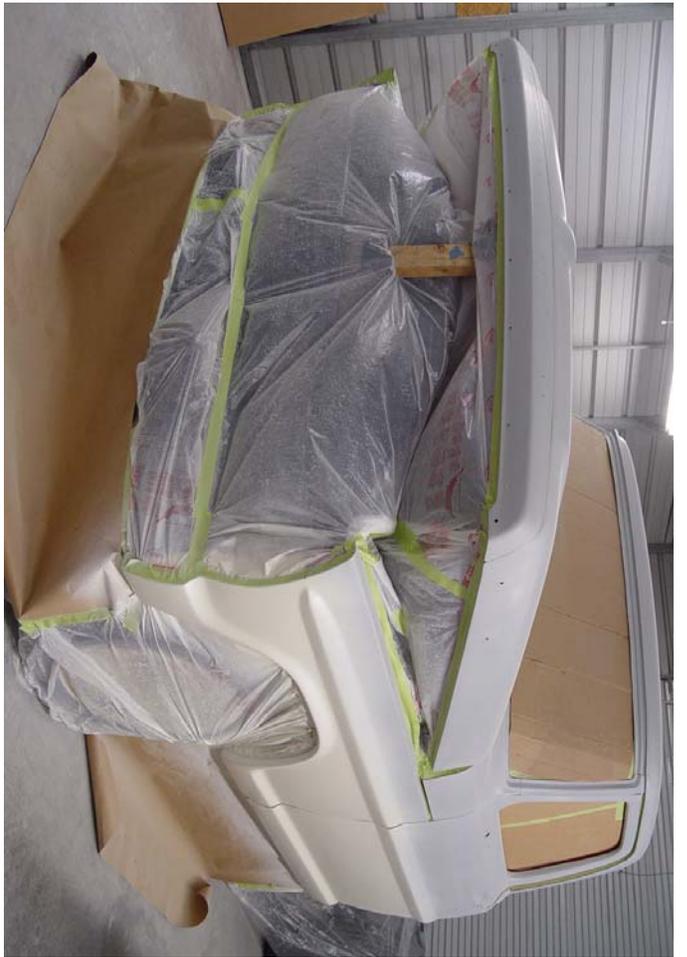
















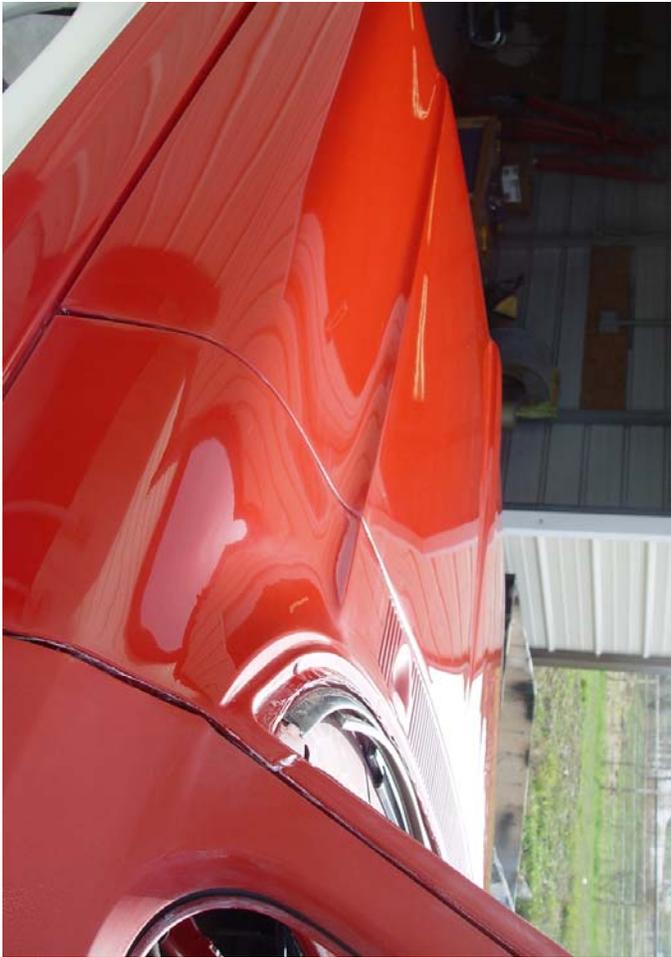
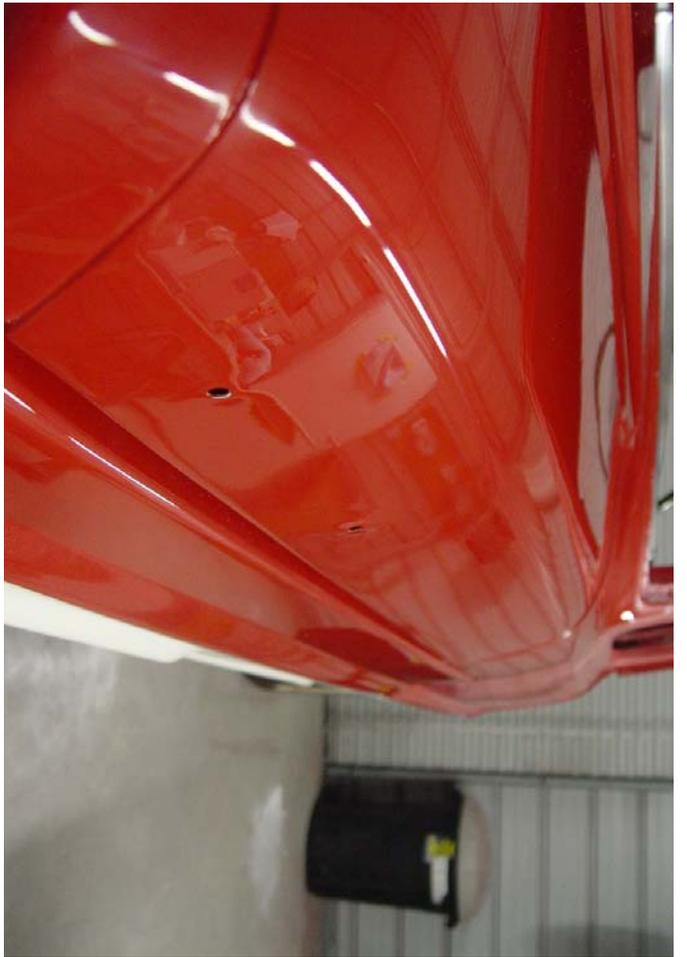






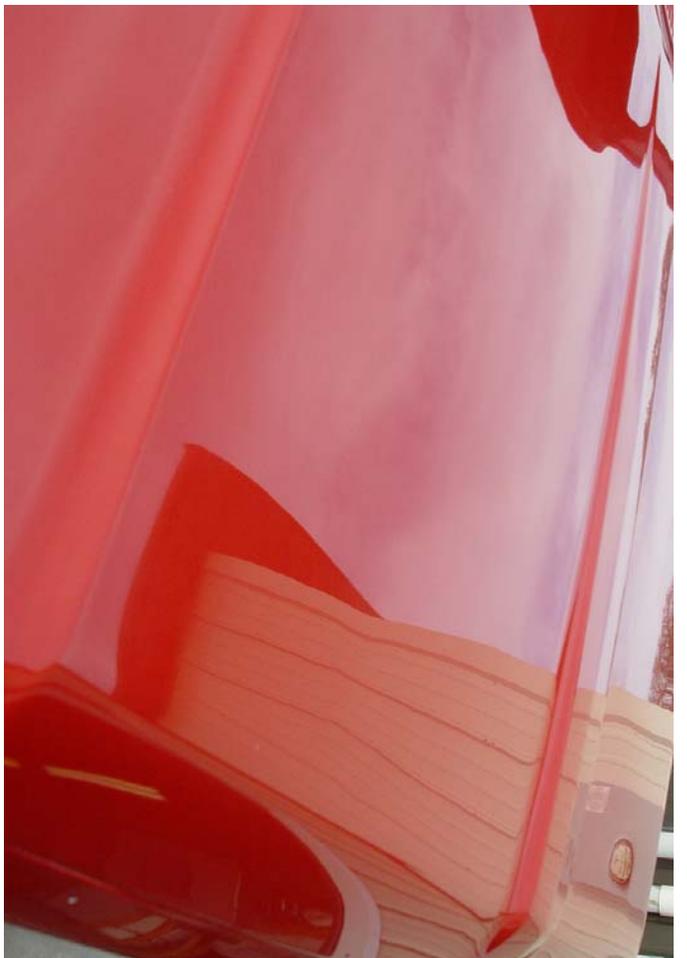


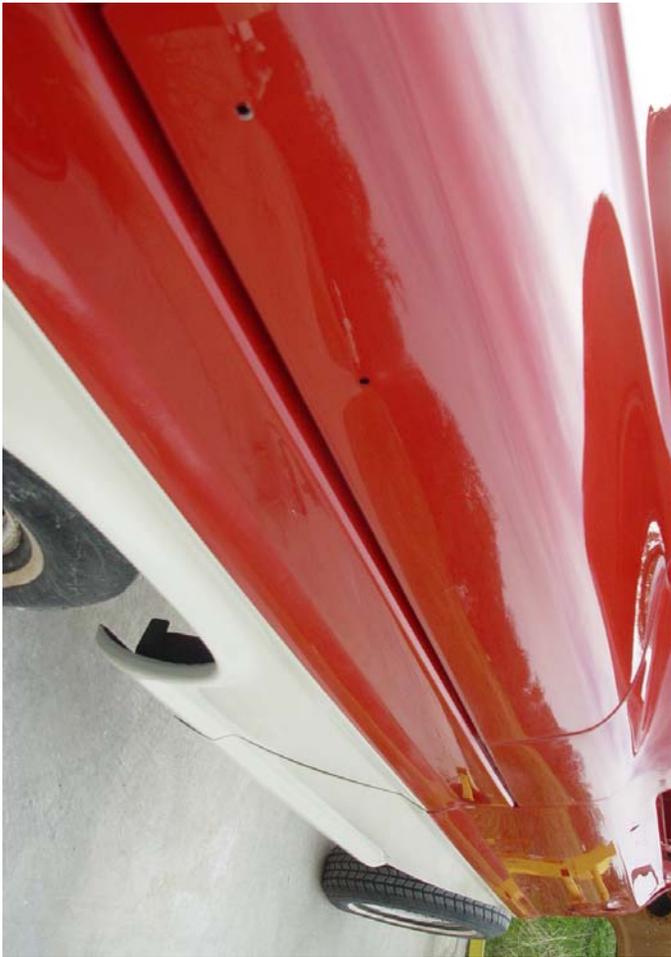














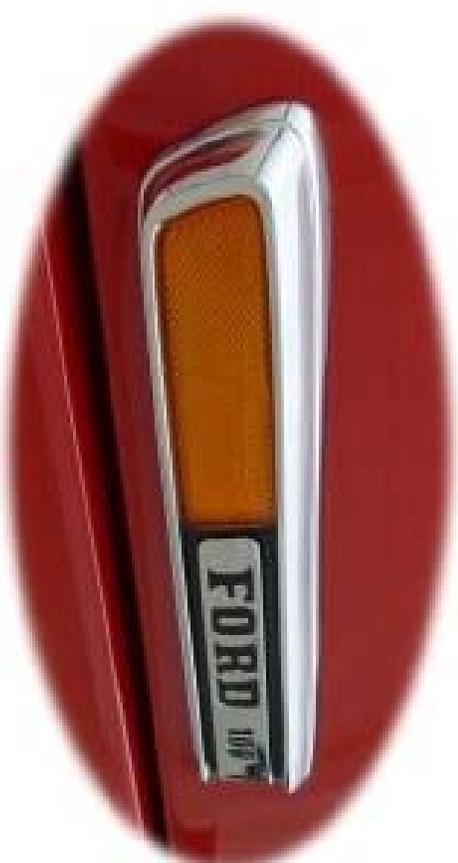
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlifeclasics.com



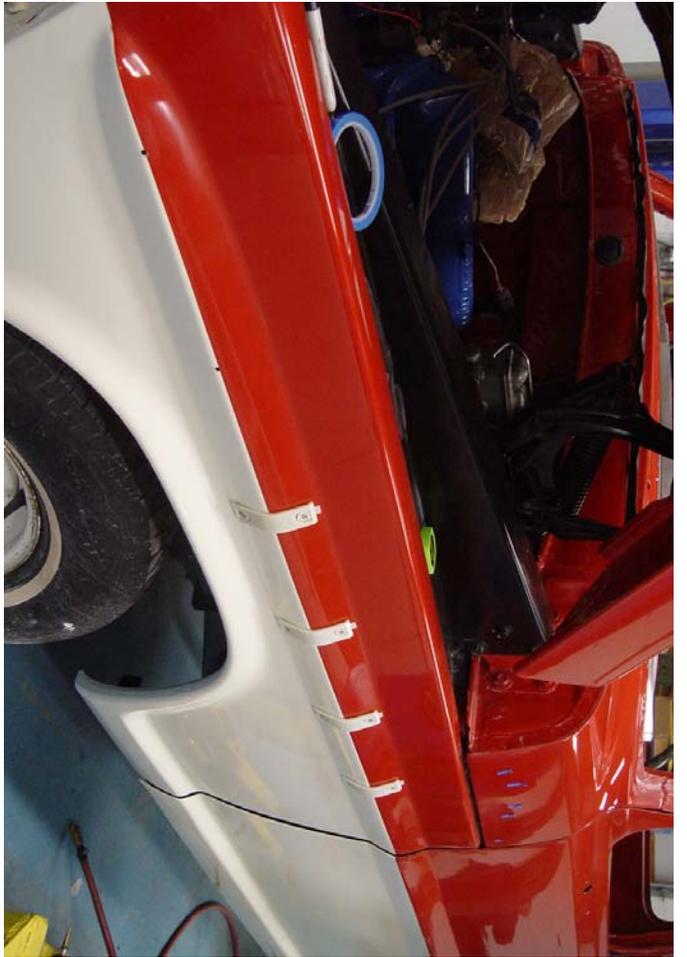
1971 FORD

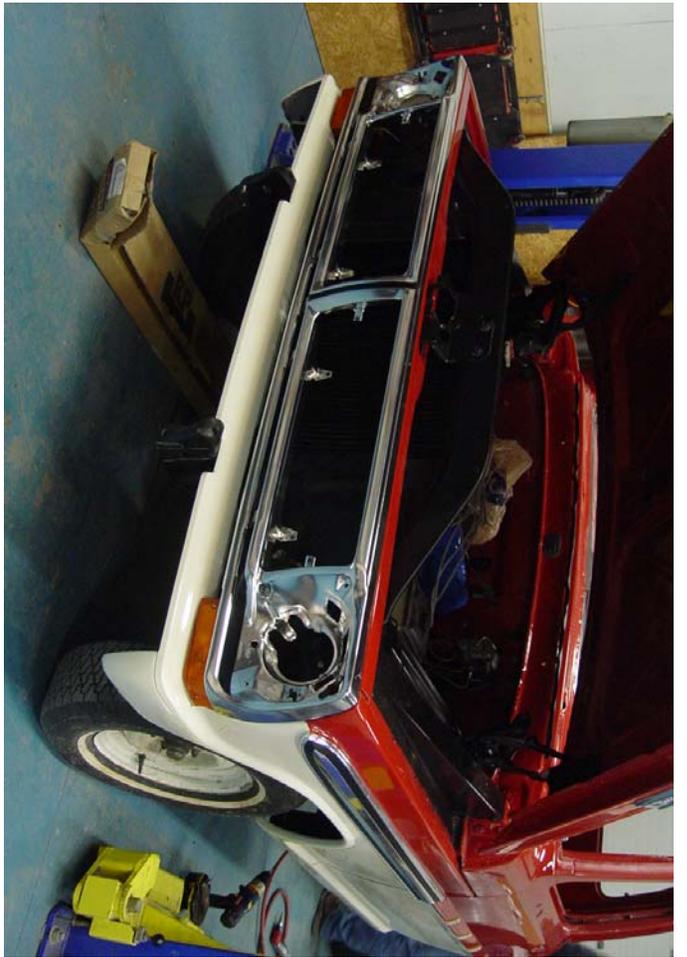


F-100

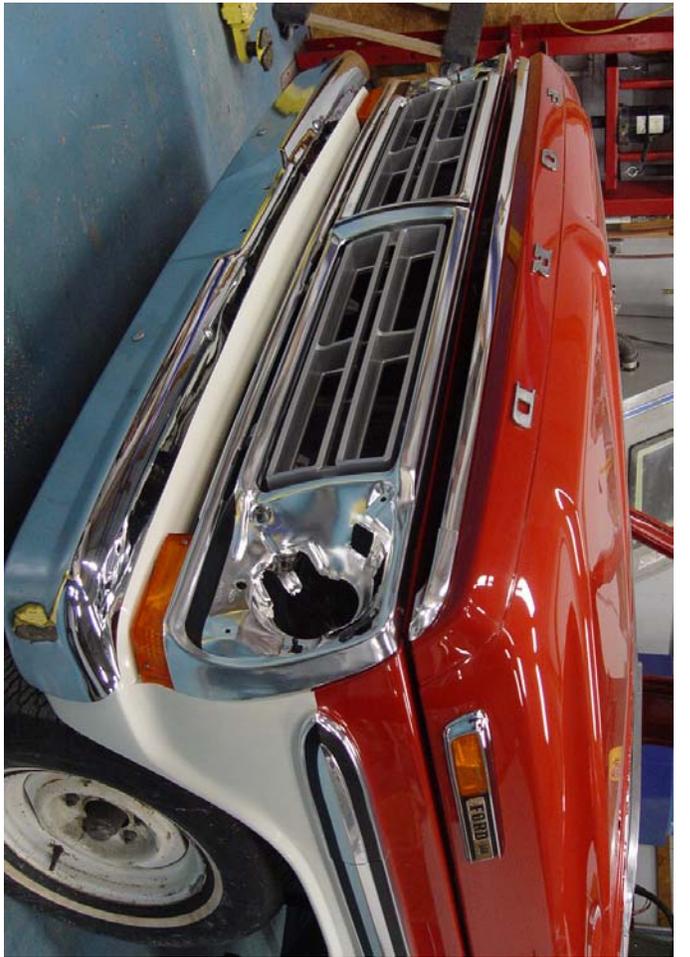
PROJECT PHOTO GALLERY

[< Final Assembly >](#)



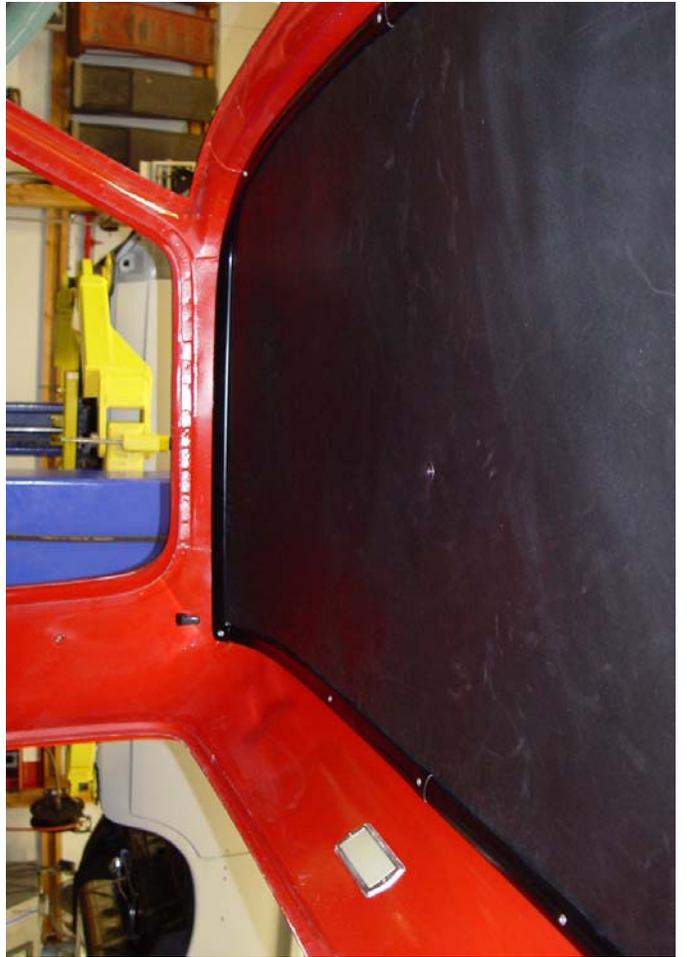
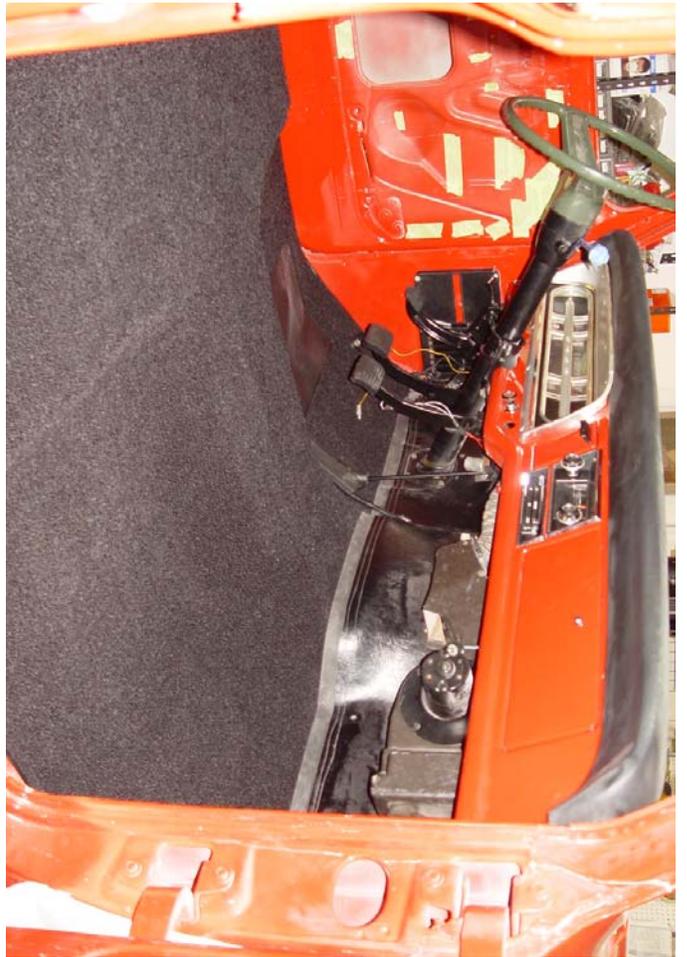


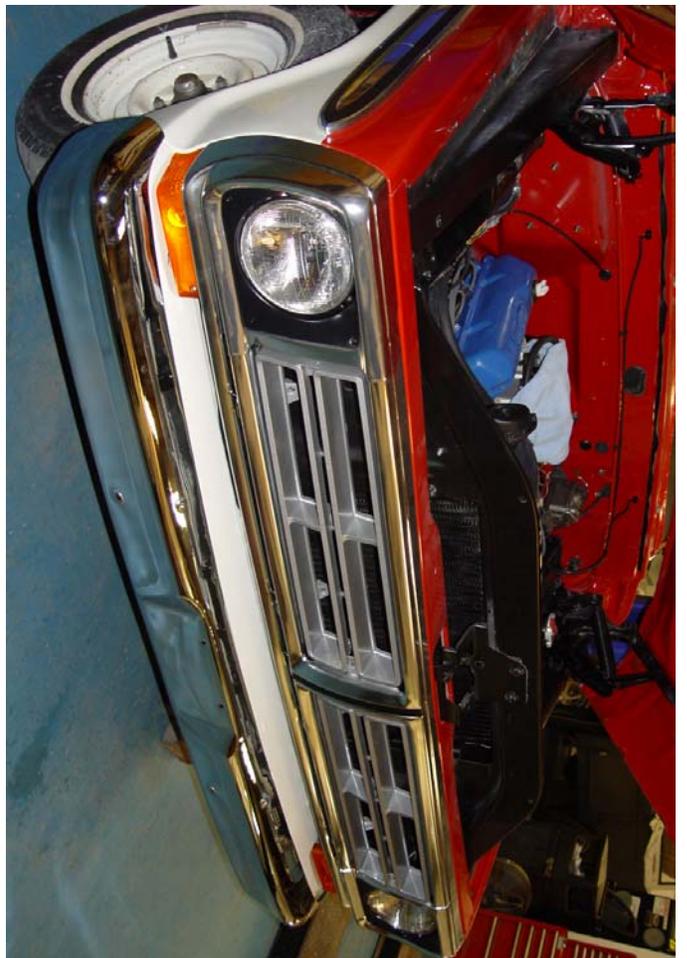






















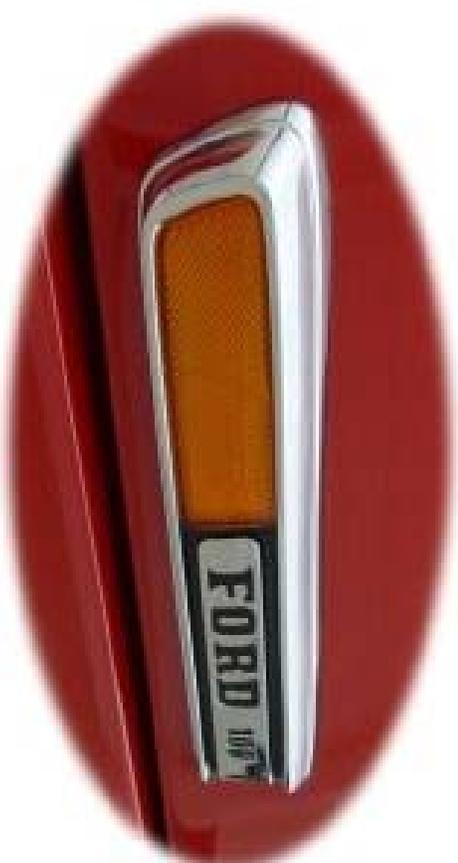
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 FORD



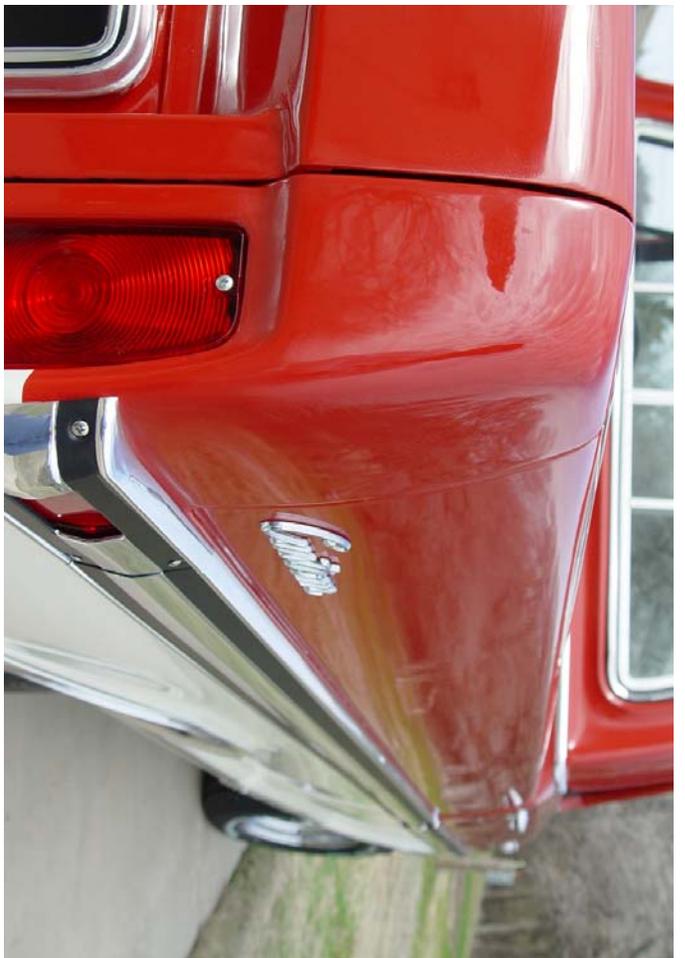
F-100

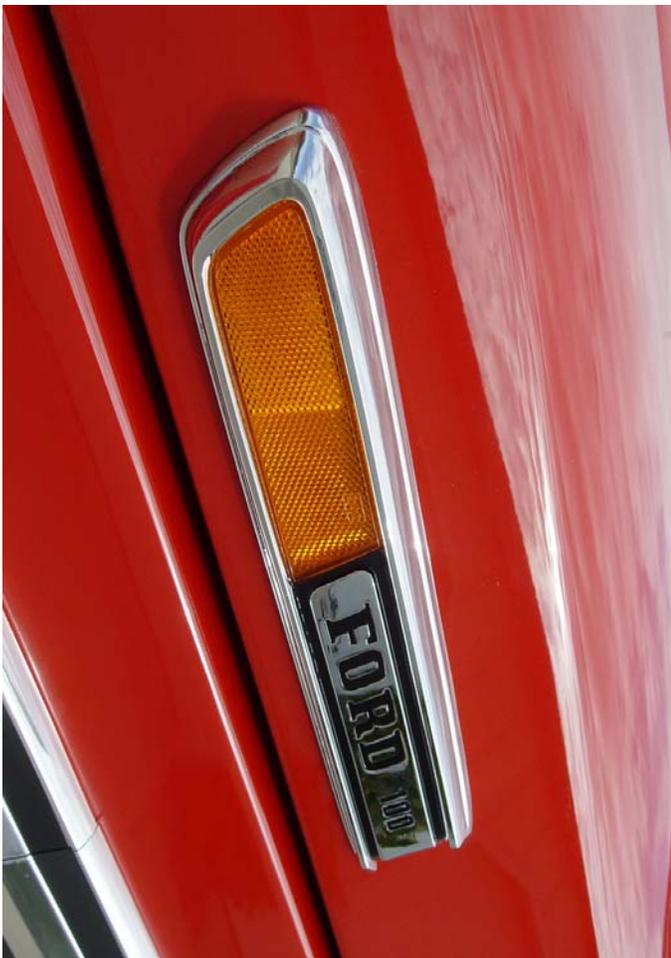
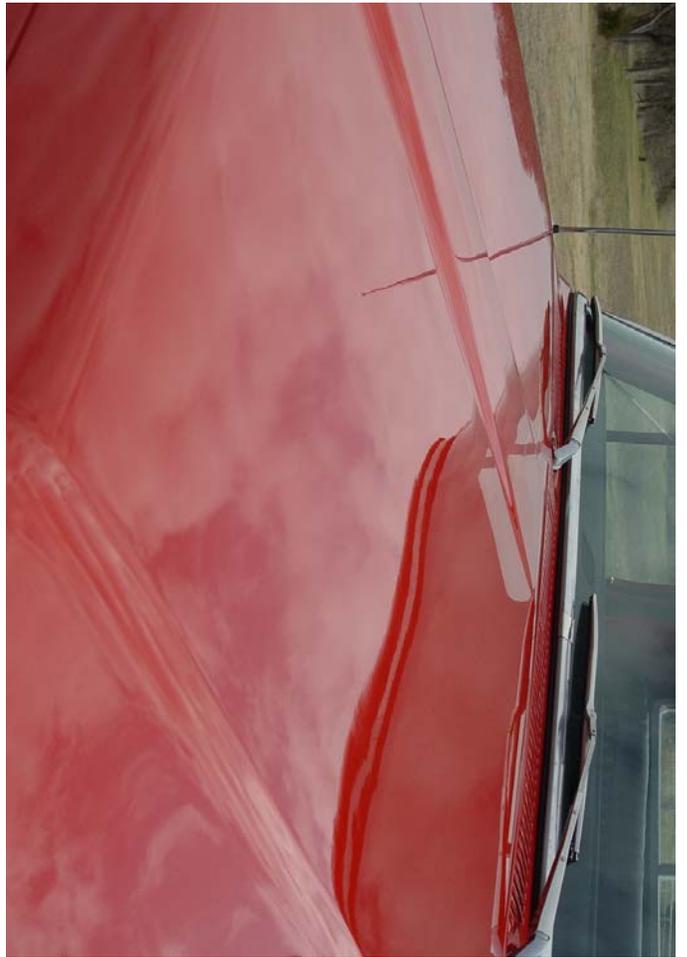
PROJECT PHOTO GALLERY

[< Completion >](#)













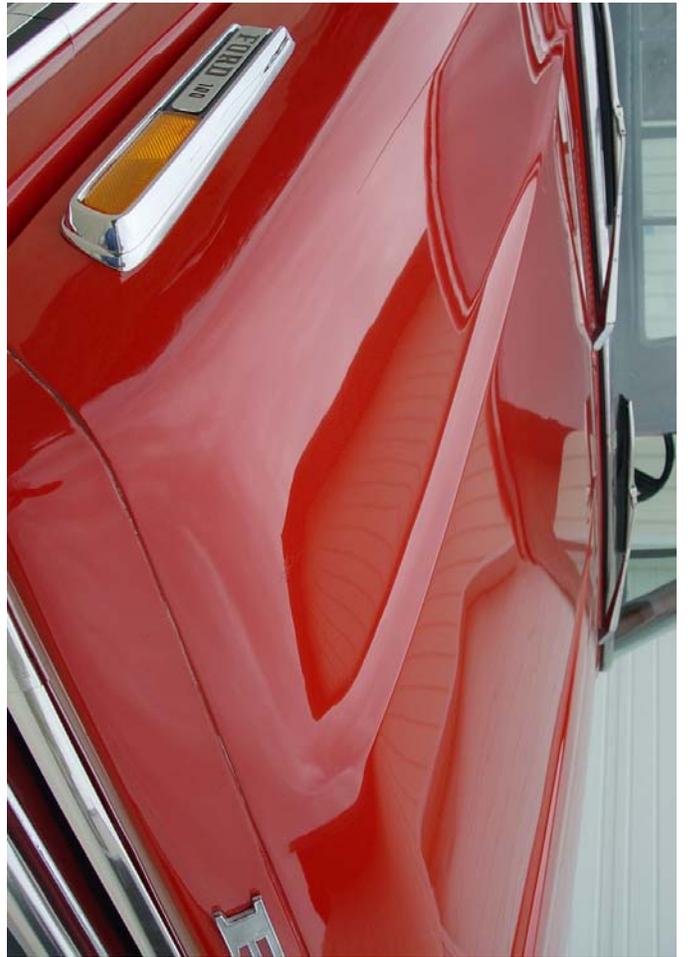




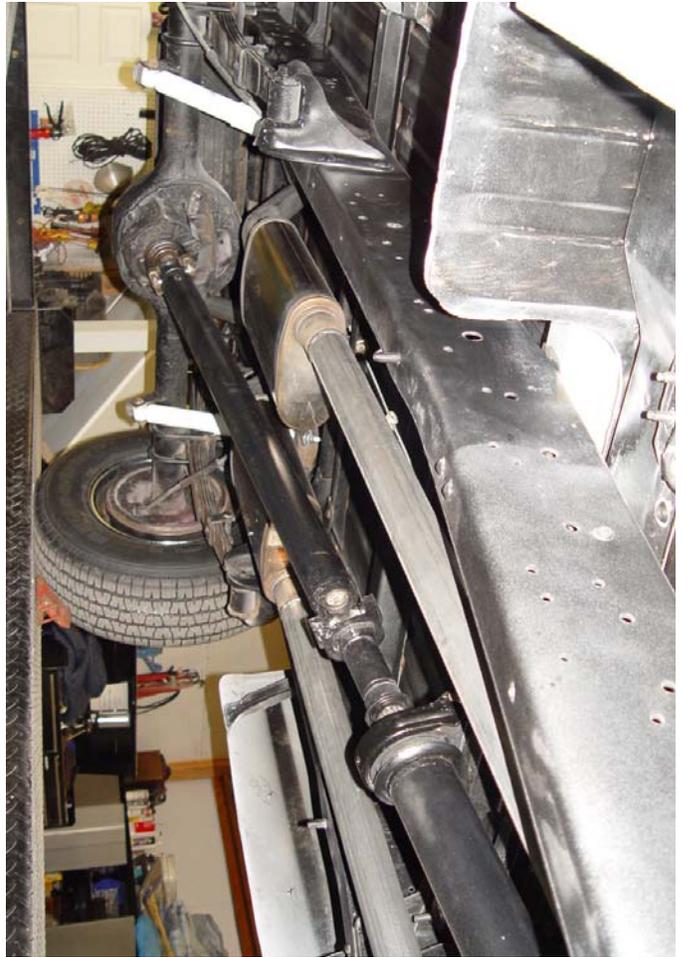
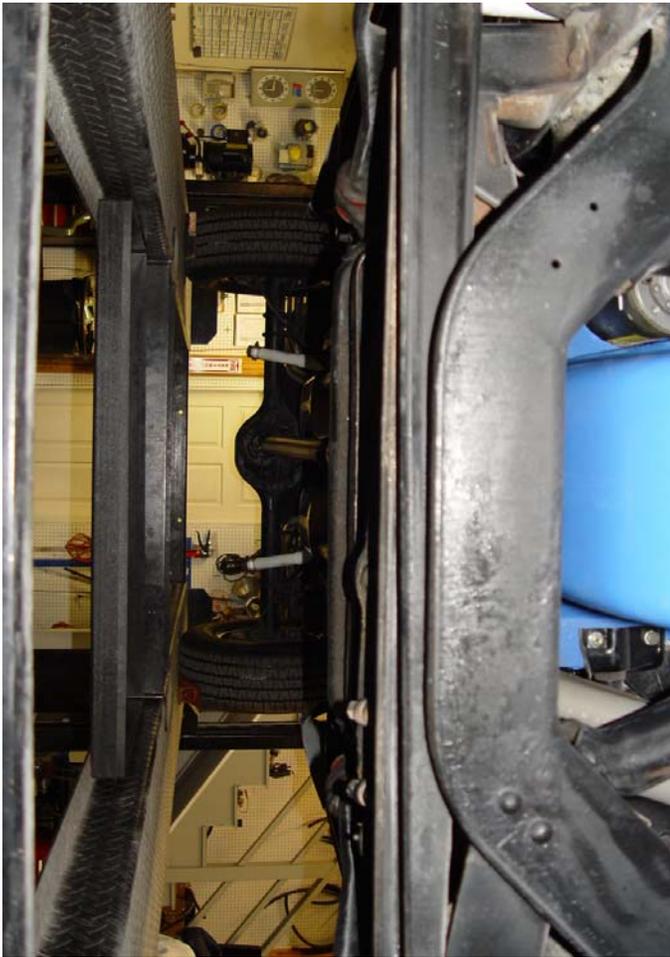




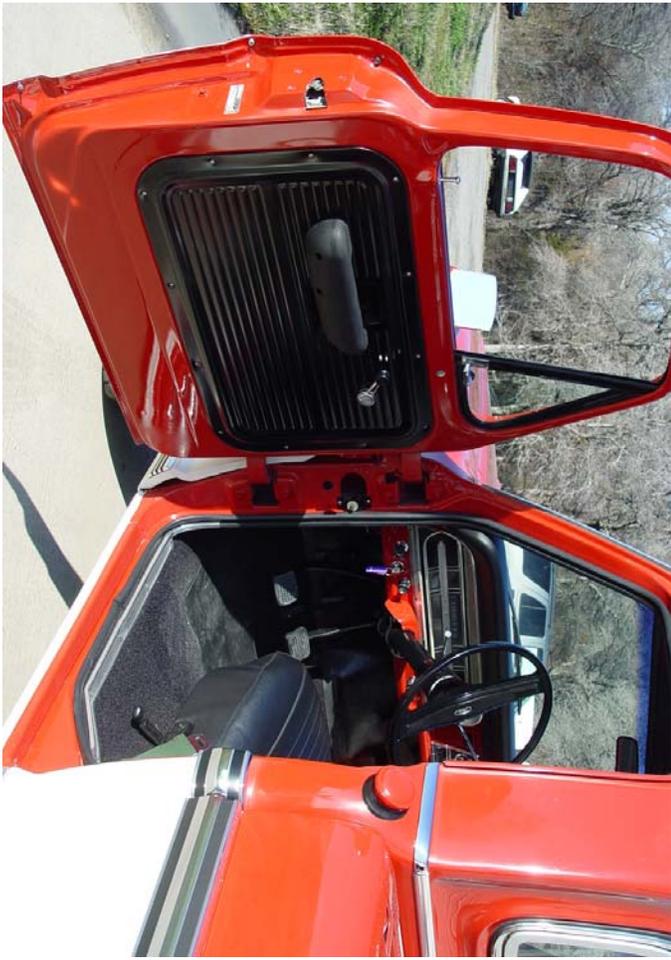


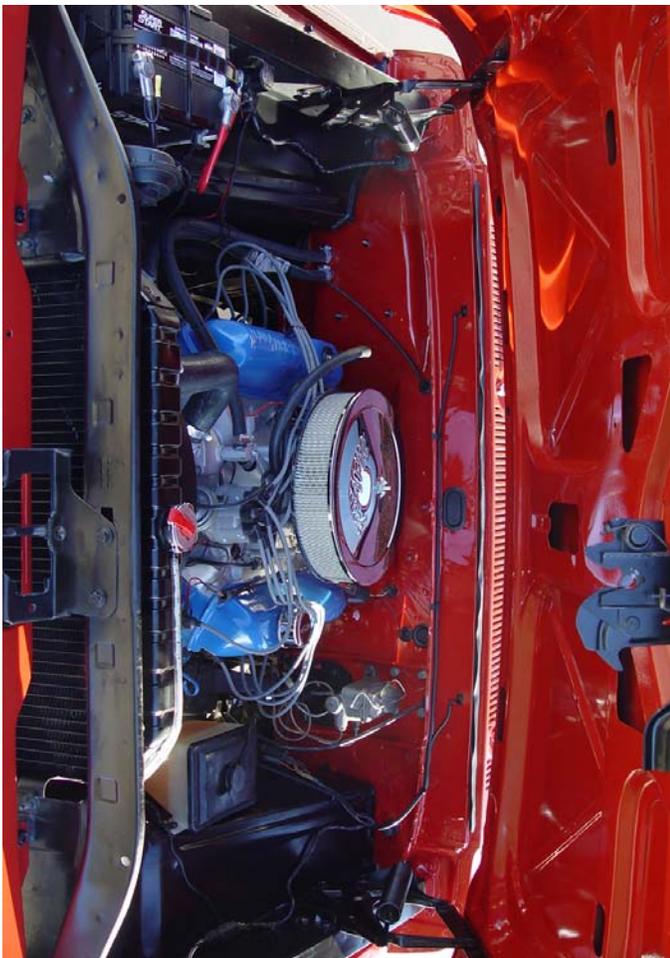


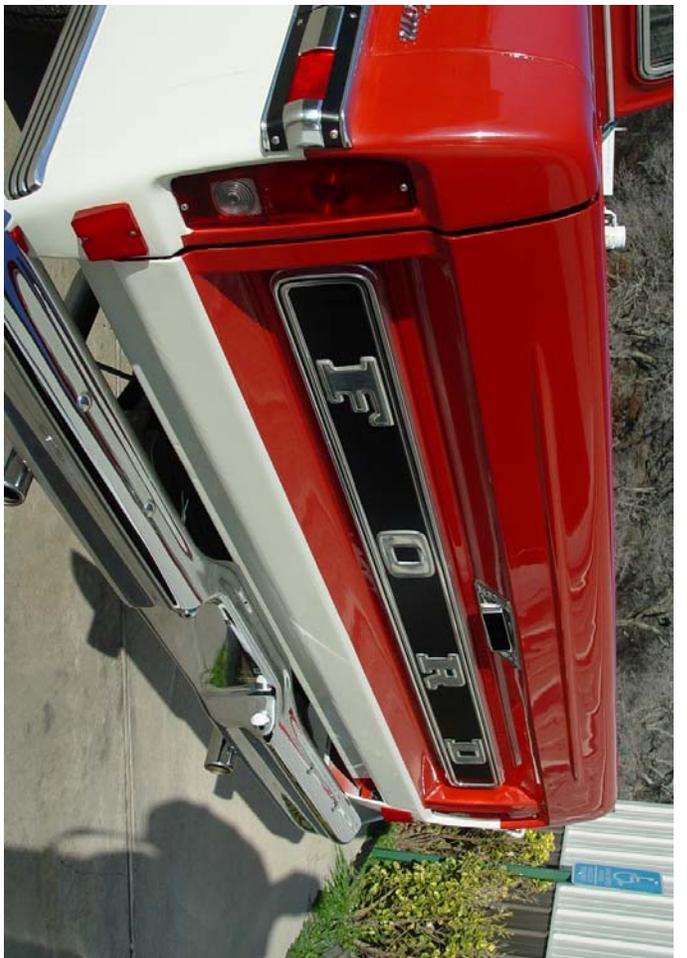














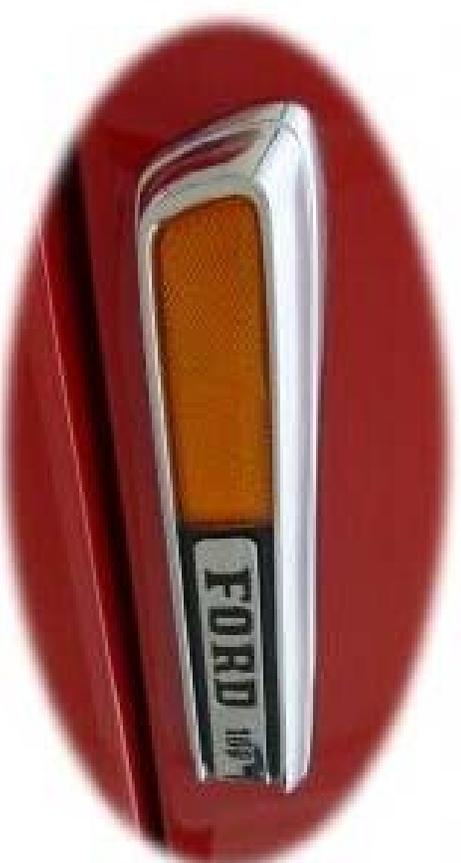
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 FORD



F-100

Project Summary



PROJECT SUMMARY

1971 Ford F-100

for

Whitey Ford

This was a "frame-off" restoration project of Dan Kress' 1971 Ford F-100 longbed pickup. The project was started on June 13th, 2011 and completed on January 26th, 2012. Delivery to Mr. Kress took place on January 27th, 2012 with an odometer reading of 94,836.2 miles.

OBJECTIVE: Mr. Kress' initial desire was to restore the truck to be capable of providing service as a safe and reliable "driver" – returning it to original condition with cosmetic expectations being specified as “presentable”. Over the course of the project, the scope was expanded (see below) in such a way as to implicitly upgrade the cosmetic expectations to a higher standard that we would describe as “local show” or “B+” in appearance.

SCOPE: This was a bare-metal, "frame-off" restoration. The initial scope called for a simple “basic” restoration to the truck's original configuration as a base model “Custom” F-100 with the finish done to “daily driver” standards. As the project progressed, the scope expanded to include a color change to a two-tone scheme that necessitated stripping and refinishing the interior to match the new scheme. Also, Mr. Kress opted to add most of the exterior chrome/stainless steel trim features that were part of the “Ranger” trim package for that year – significantly expanding the project's scope.

Mechanical restoration included a rebuild of the engine by a third-party selected and outsourced by Mr. Kress. The front suspension received new king pins and radius arm bushings. The brake system was completely rebuilt with all new hydraulic components excepting the hard lines. The transmission was deemed to be ready to go back into service “as-is” by Mr. Kress' engine/transmission service facility.

This restoration included the removal of all body panels, lights, glass, rubber weatherstripping, and trim pieces prior to sodablastering the truck's body, engine compartment, and bed down to bare metal. Only the doors were left on the cab throughout the restoration to ensure that their alignment (which was very good) was retained. The left rear quarter of the bed had sustained previous damage that required the

use of replacement panels for the lower left corner below the tail lamp and behind the left rear tire from just below the side trim style line. The only rust-through found on the truck was near the bottom of the driver's door. This was repaired with a welded metal patch. High-grade plastic body filler was used where necessary with a 1/8" maximum allowable thickness. In the few areas where deeper damage repair was required, repairs were performed using body solder techniques (also referred to as "leading"). All bodywork was performed over rust-free metal.

The underside of the body and bed were cleaned, acid-etched and coated with POR-15 rust-inhibiting coating. The bare-metal body exterior was given 2+ coats of PPG corrosion-inhibiting etching primer followed by several coats of urethane build primer as needed for a smooth finish. A two-stage basecoat/clearcoat urethane paint was applied using PPG's Deltron 2000 system, then colorsanded and buffed to a high gloss. The level of finish was dictated by the truck's upgraded "Ranger" trim level.

The interior was removed and sodablasted to bare metal for repainting in order to accommodate the new two-tone color scheme. In addition to the stripping and refinishing of all original components, the interior was later reinstalled using new carpet and insulating underlayment, new firewall insulation pad, new steering wheel, new arm rests, and new seat upholstery. All weatherstripping and window seals were replaced with new reproduction parts.

The engine compartment was painted with POR15 rust-inhibiting coating. The truck's frame was powerwashed, acid-etched and then coated with POR-15 rust-inhibiting coating.

Nearly all of the exterior chrome or stainless steel trim items (including bumpers and all grill parts) are new reproduction parts. The exceptions include the "F O R D" emblems on the front of the hood and on the tailgate, the trim surrounding the windshield and back glass (N/A new), the side view mirror, door handles and the two small stainless steel corner trim pieces on either side of the hood.

Virtually every metal part on the car that was not replaced was stripped of all dirt, grease, paint and rust, and then refinished as appropriate.

UPGRADES: The following items/systems were upgraded or modernized to fit the stated project objective.

- **Engine:** The rebuild of the engine included an overbore to 390 cubic inches
- **Ignition System:** The points and condenser were replaced with a Pertronix "Ignitor" electronic ignition.
- **Fuel & Induction Systems:** The induction system was upgraded to include a 4-barrel Edelbrock Performer intake manifold topped by an Edelbrock 4-barrel carburetor.
- **Exterior Paint & Trim:** The basic white paint job was replaced by a two-tone paint scheme and highlighted with side, rocker panel, and rear cab trim from the "Ranger" option package.

MAJOR SYSTEMS & COMPONENTS: The following listing specifies the actions taken or items used to complete the major systems and components:

- **Body & Chassis:** The truck's exterior cab, bed, and bolt-on body components were sodablasted to bare metal. The underbody of the cab was sodablasted to bare metal. The underside of the bed was powerwashed clean. Both the cab and bed's undersides were acid-etched and coated with POR-15 rust-inhibitive coating. The engine compartment and suspension components were also treated with the same POR-15 process. Following blasting, the exterior body was cleaned, then coated with a rust-inhibiting etching primer prior to performing any bodywork. Following necessary bodywork the entire body was sprayed with a primer/sealer before receiving its color coat. The prepared body was painted using PPG's two-stage urethane (basecoat/clearcoat) "Deltron 2000" paint system. The final finish was colorsanded and buffed to a high gloss.
- **Suspension:** The front kingpin assemblies were rebuilt along with the replacement of the front suspension's radius arm bushings. The remaining bushings, ball joints and rod ends were in good condition. All four shock absorbers were replaced with new units. Front end toe-in adjustment was done in-house to limited accuracy, but acceptable for test drives.
- **Steering:** All steering components appear to be in acceptable condition – requiring no additional work beyond adjusting the steering gear box to reduce freeplay.
- **Brakes:** A full brake system rebuild was performed. All hydraulic components were replaced (master cylinder, wheel cylinders). All four wheels received new brake shoes. The front drums were turned. The rear drums were replaced with new. All rubber hoses were replaced with new.
- **Power Train:** The car's powertrain remains pretty-much unchanged aside from a rebuild of the engine and cosmetic refinishing of all the major components.
 - Engine: The original 360 V8 engine has been rebuilt by a client-sourced 3rd party. The original 2-barrel intake and carburetor were replaced with a 4-barrel Edelbrock intake and matching carburetor. The ignition system retains the original distributor, but it has been upgraded with a Pertronix "Ignitor" electronic ignition system.
 - Transmission: The original 3-speed manual transmission remains as it was when removed by the client prior to being received by Midlife Classics with the exception of servicing the fluid.
 - Rear Axle: The differential was cleaned, but remains otherwise untouched except for the replacement of the pinion seal.
 - Cooling System: The original radiator and heater core were pressure-tested, cleaned, refinished and put back into service. The radiator shroud was replaced. The water pump, thermostat (195 degree) and all hoses are new. Once filled with antifreeze (50/50 mix of green antifreeze), the entire system was pressure-tested for leak-free operation.

- **Interior:** The interior was refurbished using a new firewall pad, carpet, reproduction seat covers, and dash pad cover. The remaining interior components were stripped and refinished as appropriate.
- **Body Seals / Weatherizing:** All rubber seals, gaskets and weatherstripping were replaced with new reproduction replacements where available.

FINAL PRODUCT: The final product of the restoration is ready for the road and should serve its owner well for years to come. The truck runs and drives nearly as well as you would have expected it to when new. The overall impression is that the truck is very solid and free of all the wear and age related symptoms you would expect of a truck of this vintage.

MIDLIFE CLASSICS COMMITMENT: At Midlife Classics, once we've restored a car, we are committed to seeing that the car and owner enjoy a long and pleasure-filled relationship. We are committed to helping the owner keep the car in top condition throughout its life and welcome every opportunity to perform maintenance and repairs when necessary. If, at any time, there is a question about the operation or condition of any part of the car, we are here to answer any questions and provide whatever assistance is necessary. All parts used in the restoration are covered by the manufacturers' warranties. Furthermore, Midlife Classics warrants its workmanship for a period of 12 months or 12,000 miles (whichever comes first). This includes any labor related to the replacement of any failed parts covered by manufacturers' warranties during this 12-month/12,000 mile period. Subcontracted services are covered by the subcontracted companies for a period not to exceed Midlife Classics' 12 month / 12,000 mile coverage. Any and all warranty services are to be performed by Midlife Classics at its facility and/or its subcontractors.



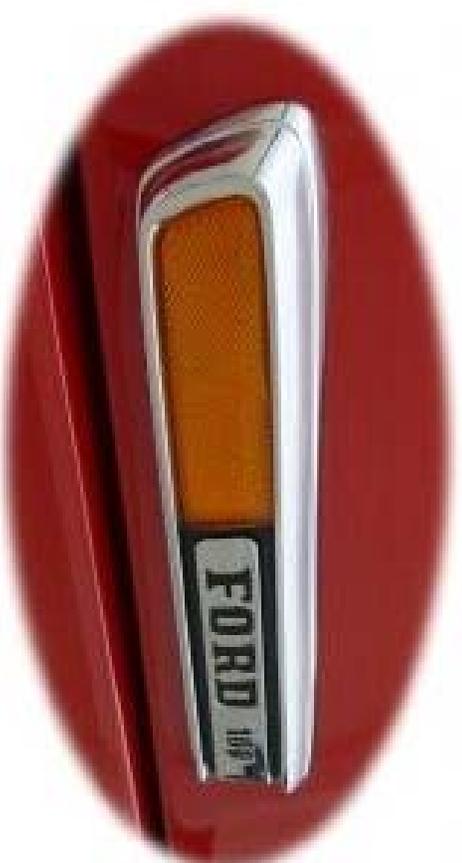
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 **FORD**



F-100

Project Worksheets

Whitey Ford 1971 Ford F-100

Work-In-Progress ESTIMATE

PROJECT SUMMARY	
	Job Start: 06/13/11
CHARGES	
SHOP LABOR (by job)	
Disassembly	
Body/Paint	
Mechanical	
Reassembly	
Misc	
SUBLET	
SODABLASTING	
PARTS	
MILEAGE	
SHIPPING	
SALES TAX	
	TOTAL:
PAYMENTS RECEIVED	
05/21/11 Check #1532	
06/24/11 Check #????	
06/24/11 Check #????	
09/10/11 Check #1553	
10/28/11 Check #1490	
10/28/11 Check #3367	
01/05/12 Check #327	
	TOTAL:
BALANCE DUE	

NOTICE PERSUANT TO SECTION 70.001, TEXAS PROPERTY CODE

I am the person, or agent acting on behalf of the person who is obligated to pay for the repair of the motor vehicle subject to this repair contract. I understand that this vehicle is subject to repossession in accordance with section 9.609, Texas business & commerce code if a written order for payment for repairs of the vehicle is stopped or dishonored because of insufficient funds, no funds, or because the drawer or maker of the order has no account or the account on which it is drawn has been closed.

Person Responsible or Agent: _____ Date: _____

I hereby authorize the above repair work to be done with necessary materials and hereby grant Midlife Classics, Inc. and its employees permission to operate the vehicle for the purposes of testing and inspection. An express mechanic's lien is hereby acknowledged on the vehicle to secure the amount of repairs thereto. I further acknowledge that Midlife Classics, Inc. and its employees will not be held responsible for any loss or damage to the vehicle or articles left in it due to causes beyond the control of Midlife Classics, Inc. Vehicles left in the possession of Midlife Classics, Inc. without authorization or funding to continue work beyond 30 days will be subject to storage fees.

Signed: _____ Date: _____

All costs and values within these worksheets are based on an ESTIMATE of current amounts unless otherwise stated.

PARTS DETAIL

**Whitey Ford
1971 Ford F-100**

FINAL

CATEGORY	QTY	DESCRIPTION	ITEM NO.	VENDOR	PRICE	TOTAL	SHIP	ADDITIONS	AUTHORIZED
ENGINE									
	1.00	Alternator belt	GAT 7450	Big G	\$17.98	\$17.98			
	6.00	7/16 internal toothed lock washers		Fastenal	\$0.29	\$1.74		X \$ 1.74	X \$1.74
	1.00	Fuel Pump	AIX-4008	First Call	\$53.70	\$53.70		X \$ 53.70	X \$53.70
	1.00	Headers	BIG-12540FLT	Summit	\$174.94	\$174.94	\$11.95	X \$ 174.94	X \$174.94
	1.00	Pertronix Electronic Ignition	PNX-1281	Summit	\$103.69	\$103.69		X \$ 103.69	X \$103.69
	1.00	Starter - Reman	ULT-03-0217	First Call	\$59.36	\$59.36		X \$ 59.36	X \$59.36
	8.00	Spark Plug	Autolite 45	First Call	\$2.13	\$17.04		X \$ 17.04	X \$17.04
	1.00	Ignition Wire Set	BWD CH831	First Call	\$28.73	\$28.73		X \$ 28.73	X \$28.73
	1.00	Edelbrock Carburetor	1406	Edelbrock	\$357.07	\$357.07	\$15.68	X \$ 357.07	X \$357.07
	1.00	Carburetor mounting stud kit		Inventory	\$8.33	\$8.33		X \$ 8.33	X \$8.33
	1.00	Plug wire separator kit	B6A-12297-K	Dennis C	\$7.50	\$7.50		X \$ 7.50	X \$7.50
	1.00	Steel rod - fabricate for accel. Linkage		Inventory	\$2.50	\$2.50		X \$ 2.50	X \$2.50
	1.00	Chrome Air Cleaner (Edelbrock)	EDB 1221	First Call	\$43.74	\$43.74		X \$ 43.74	X \$43.74
	1.00	Chrome Oil Filler Cap/Breather	MRG 2069	First Call	\$12.49	\$12.49		X \$ 12.49	X \$12.49
	1.00	PCV Valve	MGD PCV156	First Call	\$1.81	\$1.81		X \$ 1.81	X \$1.81
	1.00	Distributor Cap	BWD-C154	First Call	\$13.11	\$13.11		X \$ 13.11	X \$13.11
	1.00	Distributor Rotor	BWD-D198	First Call	\$5.46	\$5.46		X \$ 5.46	X \$5.46
	1.00	12V Ignition Coil	Accel 8140	First Call	\$43.74	\$43.74		X \$ 43.74	X \$43.74
DRIVETRAIN									
	1.00	Clutch friction disc	CP0700	Autozone	\$49.99	\$49.99		X \$ 49.99	X \$49.99
	1.00	Clutch release bearing	614038	Autozone	\$28.74	\$28.74		X \$ 28.74	X \$28.74
	2.00	E-clips - z-bar		Inventory	\$0.25	\$0.50		X \$ 0.50	X \$0.50
	1.00	5/16" X 1" Grade 8 Bolt (z-bar)		Big G	\$0.66	\$0.66		X \$ 0.66	X \$0.66
	1.00	Driveshaft Bearing	45-1698	LMC	\$22.45	\$22.45		X \$ 22.45	X \$22.45
	3.00	Driveshaft U-Joint	45-1610	LMC	\$11.20	\$33.60		X \$ 33.60	X \$33.60
	1.00	Clutch fork dust boot	43-6050	LMC	\$11.20	\$11.20		X \$ 11.20	X \$11.20
	1.00	Bushing - pedal to rod	40-4422	LMC	\$2.76	\$2.76		X \$ 2.76	
	2.00	Felt washer - clutch release	40-0750	LMC	\$2.20	\$4.40		X \$ 4.40	
	1.00	Shift arm bushing kit	43-7316	LMC	\$16.19	\$16.19		X \$ 16.19	
	1.00	Differential pinion seal	NAT 7044NA	First Call	\$13.25	\$13.25		X \$ 13.25	
STEERING									
	1.00	Steering column coupler	45-0265	LMC	\$74.94	\$74.94	\$18.75	X \$ 74.94	
FRONT SUSPENSION									
	1.00	King Bolt Set (chk plastic/steel)	MOO-8524n	First Call	\$93.63	\$93.63		X \$ 93.63	X \$93.63
	2.00	HD Gas charged shock	45-2356	LMC	\$22.45	\$44.90		X \$ 44.90	X \$44.90
	2.00	Radius Arm Bushings	MPC K8101	First Call	\$9.79	\$19.58		X \$ 19.58	
REAR SUSPENSION									
	2.00	Grade 8 shock mount bolts 1/2" x 2 1/2"		Big G	\$2.58	\$5.16		X \$ 5.16	
	2.00	HD Gas charged shock	45-2358	LMC	\$22.45	\$44.90		X \$ 44.90	X \$44.90
BRAKES									
	2	Front Brake Hardware Kit	BHH - H7040	First Call	\$8.09	\$16.18			
	1	LF Wheel Cylinder	BHH - WC18290	First Call	\$13.30	\$13.30			
	1	RF Wheel Cylinder	BHH - WC18290	First Call	\$13.30	\$13.30			
	2	Front Brake Hose	BHH - BH49927	First Call	\$11.01	\$22.02			
	1	Front Brake Shoes	BB-265	First Call	\$18.99	\$18.99			
	1	Rear Brake Hardware Kit	BHH-H2313	First Call	\$20.80	\$20.80			
	1	LR Wheel Cylinder	BHH - WC17507	First Call	\$7.31	\$7.31			
	1	RR Wheel Cylinder	BHH - WC17508	First Call	\$7.31	\$7.31			
	1	Rear Brake Hose	BHH - BH55581	First Call	\$26.13	\$26.13			
	1	Rear Brake Shoes	BB - 263	First Call	\$20.18	\$20.18			
	1	Master Cylinder	10-1386	First Call	\$20.24	\$20.24			
	2.00	Wheel bearing seal	MPS-4148	First Call	\$3.74	\$7.48		X \$ 7.48	
	2.00	Brake drum - rear	BBR-2645DGS	First Call	\$51.06	\$102.12		X \$ 102.12	
	1.00	Synthetic brake fluid - qt		Inventory	\$11.65	\$11.65			

PARTS DETAIL

CATEGORY	QTY	DESCRIPTION	ITEM NO.	VENDOR	PRICE	TOTAL	SHIP	ADDITIONS	AUTHORIZED
COOLING SYSTEM									
	2.50	Antifreeze - gal		First Call	\$13.74	\$34.35			
	1.00	Upper radiator hose	GAT 20046	First Call	\$14.29	\$14.29			
	1.00	Lower radiator hose	GAT 21047	First Call	\$14.16	\$14.16			
	7.00	Heater Hose - per ft.		Inventory	\$1.25	\$8.75			
	1.00	Thermostat - 195 degree	MCS-15359	First Call	\$8.30	\$8.30		X \$ 8.30	X \$8.30
	1.00	Water pump	58-208	First Call	\$18.59	\$18.59		X \$ 18.59	X \$18.59
	1.00	Radiator shroud	43-2834	LMC	\$124.94	\$124.94		X \$ 124.94	X \$124.94
	9.00	Hose clamp 1 1/2"		Inventory	\$0.49	\$4.41		X \$ 4.41	
	4.00	Hose clamp 2 1/2"		Inventory	\$1.67	\$6.68		X \$ 6.68	
	1.00	Radiator cap	MCS 7713	First Call	\$6.44	\$6.44		X \$ 6.44	X \$6.44
	3.00	1/4" Overflow tubing		Inventory	\$0.60	\$1.80		X \$ 1.80	
	1.00	Coolant Temperature Sender	MPI-2-8331	First Call	\$12.60	\$12.60		X \$ 12.60	X \$12.60
ELECTRICAL									
	1.00	Brake Light Switch	BWD S237	First Call	\$7.15	\$7.15		X \$ 7.15	
	1.00	Battery hold-down		Inventory	\$5.99	\$5.99		X \$ 5.99	
	1.00	Battery hold-down J-bolts		Inventory	\$3.95	\$3.95		X \$ 3.95	
	1.00	Ignition Switch	47-0724	LMC	\$14.58	\$14.58	\$10.75	X \$ 14.58	
	2.00	License Plate Lamp	STD-HP4190	Big G	\$4.84	\$9.68		X \$ 9.68	
	1.00	Backup light switch	47-0860	LMC	\$28.08	\$28.08	\$10.75	X \$ 28.08	
	1.00	Door courtesy light switch	STD5W659	Big G	\$12.39	\$12.39		X \$ 12.39	
	1.00	Battery + \$12 core charge	24REXT	First Call	\$99.95	\$99.95	\$12.00		
	1.00	Battery Cable - 18" POS	SS SK8419CR	First Call	\$8.11	\$8.11		X \$ 8.11	
	1.00	Battery Cable - 36" NET	SS SK8437C	First Call	\$9.36	\$9.36		X \$ 9.36	
	1.00	Turn signal switch assembly	47-0754	LMC	\$62.44	\$62.44	\$10.75	X \$ 62.44	
INTERIOR									
	1.00	Carpet Set - Black	49-5826-BL	LMC	\$218.69	\$218.69			
	2.00	Pedal pad - brake/clutch	40-2252	LMC	\$4.94	\$9.88			
	1.00	Armrest set - black	49-5425-BL	LMC	\$62.44	\$62.44			
	1.00	Dashboard cover - ABS	49-5515-BL	LMC	\$137.44	\$137.44			
	1.00	Sound deadener	49-6040	LMC	\$62.44	\$62.44			
	1.00	Glove box liner w/o A/C	49-6022	LMC	\$18.69	\$18.69			
	1.00	Bench seat kit - Vinyl, black	49-5730-BL	LMC	\$237.44	\$237.44			
	2.00	1" round cap plug (rear floor)	884313	Inventory	\$1.67	\$3.34			
	1.00	Clutch rod boot	43-6055	LMC	\$22.45	\$22.45		X \$ 22.45	
	1.00	Firewall cover - insulated	49-5982	LMC	\$249.94	\$249.94		X \$ 249.94	X \$249.94
	8.00	Retainer - firewall cover	40-1100	LMC	\$4.94	\$39.52		X \$ 39.52	X \$39.52
	2.00	Plastic plug - cab back wall	40-1975	LMC	\$1.06	\$2.12		X \$ 2.12	
	1.00	Floor pan oval plug	40-1293	LMC	\$3.06	\$3.06			
	3.00	Oval plug - firewall/floor/door	40-1290	LMC	\$3.69	\$11.07		X \$ 11.07	
	1.00	Rearview Mirror Windshield Adhesive	VER 11109	First Call	\$3.11	\$3.11		X \$ 3.11	
BODY & TRIM									
	1.00	LR Bed Corner Patch Panel	49-8096	LMC	\$62.44	\$62.44		X \$ 62.44	
	1.00	Rear fender panel - LH	49-8046	LMC	\$187.44	\$187.44			
	1.00	Rear bed reflector kit	47-4304	LMC	\$37.44	\$37.44			
	1.00	Taillight lens - RH	47-4235	LMC	\$11.19	\$11.19			
	1.00	Taillight lens - LH	47-4234	LMC	\$11.19	\$11.19			
	2.00	Sidemarkers Lens - Red	47-4495	LMC	\$12.44	\$24.88			
	2.00	Gasket - sidemarkers	47-0571	LMC	\$2.44	\$4.88			
	2.00	Screw - sidemarkers	40-0441	LMC	\$0.81	\$1.62			
	1.00	Parking light lens - RH	47-4223	LMC	\$21.19	\$21.19			
	1.00	Parking light gasket set	47-0522	LMC	\$4.94	\$4.94			
	1.00	Parking light lens - LH	47-4222	LMC	\$21.19	\$21.19			
	1.00	Grill shell	D2TZ-8200-A	BH	\$611.11	\$611.11			
	1.00	Headlamp Bezel - LH	D0TZ-13064-D	BH	\$81.25	\$81.25			
	1.00	Headlamp Bezel - RH	D0TZ-13064-C	BH	\$81.25	\$81.25			
	1.00	Hood center molding	49-3010	LMC	\$99.94	\$99.94			
	1.00	Rubber cap - dimmer switch	40-2205	LMC	\$4.94	\$4.94			
	2.00	Tailgate bumper w/screw	41-1581	LMC	\$4.94	\$9.88			
	1.00	Bumper set - door/tailgate	41-1584	LMC	\$2.44	\$2.44			
	1.00	Bumper set - tailgate	41-1582	LMC	\$2.44	\$2.44			
	1.00	Gasket - tailgate handle	47-0546	LMC	\$3.69	\$3.69			
	8.00	Insulator - bed to frame	40-0138	LMC	\$1.19	\$9.52			

PARTS DETAIL

CATEGORY	QTY	DESCRIPTION	ITEM NO.	VENDOR	PRICE	TOTAL	SHIP	ADDITIONS	AUTHORIZED
BODY & TRIM (continued)									
	1.00	Front floor pan - LH	49-8820	LMC	\$32.45	\$32.45			
	1.00	Bumper bolt kit front/rear	40-0190	LMC	\$11.19	\$11.19			
	1.00	Bumper - front chrome	49-4907	LMC	\$162.44	\$162.44			
	1.00	Lock set - complete w/ignition	47-0698	LMC	\$99.94	\$99.94			
	1.00	Door bumper set	41-1588	LMC	\$3.69	\$3.69			
	2.00	Door lock grommet - chrome	40-2674	LMC	\$3.69	\$7.38			
	1.00	Door hinge seal set	49-7854	LMC	\$4.94	\$4.94			
	2.00	Window crank handle knob - black	40-2620-BL	LMC	\$6.19	\$12.38			
	2.00	Division bar glass run	49-7186	LMC	\$12.44	\$24.88			
	2.00	Door glass run	49-7185	LMC	\$24.94	\$49.88			
	1.00	Window anti-rattle kit	49-7118	LMC	\$62.44	\$62.44			
	1.00	Body-to-Frame webbing	49-9305	LMC	\$31.19	\$31.19			
	1.00	Fuel neck grommet	41-1555	LMC	\$9.94	\$9.94			
	1.00	Fender apron seal	41-1538	LMC	\$12.44	\$12.44			
	1.00	Fender seal set	41-1536	LMC	\$31.19	\$31.19			
	1.00	Hood hinge seal set	41-1537	LMC	\$12.44	\$12.44			
	1.00	Fender apron strip set	41-1529	LMC	\$12.44	\$12.44			
	1.00	Vent window seal set	49-9359	LMC	\$62.44	\$62.44			
	2.00	Hood bumper	41-1505	LMC	\$2.81	\$5.62			
	2.00	Lower door seal - on door	49-9341	LMC	\$16.19	\$32.38			
	1.00	Rubber Kit - Exterior (chrome)	49-9681	LMC	\$149.94	\$149.94			
	1.00	Rear Window seal	49-9273	LMC	\$0.00	\$0.00			
	1.00	Rear window rubber (chrome)	49-9271	LMC	\$37.44	\$37.44	\$13.75	X \$ 37.44	X \$37.44
	0.50	Body Filler			\$25.81	\$12.91			
	0.50	Glazing compound			\$50.44	\$25.22			
	1.50	Etch primer - quart			\$56.56	\$84.84			
	1.50	Catalyst - etch primer - quart			\$42.00	\$63.00			
	1.00	High-Build primer			\$229.94	\$229.94			
	1.00	Catalyst - High-Build primer			\$88.63	\$88.63			
	1.00	Base coat - RED gallon			\$494.06	\$494.06		X \$ 494.06	X \$494.06
	1.00	Base coat - WHITE - gallon			\$494.06	\$494.06			
	1.00	Reducer - Base Coat - gallon			\$69.19	\$69.19			
	1.00	Catalyst - Clear Coat - quart			\$137.56	\$137.56			
	1.00	Reducer - Clear Coat - quart			\$26.06	\$26.06			
	1.00	Rust-inhibiting paint - POR-15 - qt.		English	\$57.83	\$57.83			
	1.00	POR-15 Metal Prep - qt			\$21.88	\$21.88			
	1.00	Tailgate Trim (F O R D) - Used		eBay	\$31.24	\$31.24	\$20.16	X \$ 31.24	
	1.00	Windshield molding trim - used		eBay	\$25.00	\$25.00	\$10.00	X \$ 25.00	X \$25.00
	1.00	Grill Insert - LH	49-8942	LMC	\$99.94	\$99.94		X \$ 99.94	X \$99.94
	1.00	Grill Insert - RH	49-8943	LMC	\$99.94	\$99.94		X \$ 99.94	X \$99.94
	1.00	Stone Deflector	49-8980	LMC	\$212.44	\$212.44		X \$ 212.44	X \$212.44
	7.00	Molding clip w/rievet - cab rear trim	40-1636	LMC	\$2.44	\$17.08		X \$ 17.08	X \$17.08
	2.00	Molding nut - cab rear trim	40-1635	LMC	\$3.06	\$6.12		X \$ 6.12	X \$6.12
	2.00	Molding nut - corner - cab rear trim	40-0875	LMC	\$0.63	\$1.26		X \$ 1.26	X \$1.26
	2.00	Cab rear molding - rear	49-3062	LMC	\$112.44	\$224.88		X \$ 224.88	X \$224.88
	1.00	Cab rear molding - RH corner	49-3061	LMC	\$49.94	\$49.94		X \$ 49.94	X \$49.94
	1.00	Cab rear molding - LH corner	49-3060	LMC	\$49.94	\$49.94		X \$ 49.94	X \$49.94
	1.00	Wheel arch molding kit	49-3028	LMC	\$162.44	\$162.44		X \$ 162.44	X \$162.44
	1.00	Side molding kit	D0TZ-8121048-B	BH / DC	\$777.72	\$777.72	\$20.00	X \$ 777.72	X \$777.72
	1.00	Lower molding kit	49-3050	LMC	\$466.61	\$466.61		X \$ 466.61	X \$466.61
	1.00	Tailgate handle - chrome	49-8421	LMC	\$24.94	\$24.94		X \$ 24.94	X \$24.94
	1.00	Tailgate mounting plate - chrome	49-8409	LMC	\$74.94	\$74.94		X \$ 74.94	X \$74.94
	1.00	Hood side emblem	C8TZ-16720-BPR	LMC	\$174.95	\$174.95		X \$ 174.95	X \$174.95
	1.00	Rear Bumper	C4TZ-17906-B	BH	\$231.25	\$231.25		X \$ 231.25	X \$231.25
	1.00	Rear window chrome trim		eBay	\$82.00	\$82.00	\$18.95	X \$ 82.00	X \$82.00
	0.75	Clear Coat - gallon			\$304.06	\$228.05			
	1.00	Headlight door to grill mounting nut	382735-S	Dennis C	\$3.13	\$3.13	\$9.99	X \$ 3.13	
	1.00	Door lock knob	40-2671	LMC	\$7.44	\$7.44		X \$ 7.44	
	2.00	Tail light gasket	47-0534	LMC	\$2.44	\$4.88	\$10.75	X \$ 4.88	
	1.00	Bumper Mount Kit	40-3705	LMC	\$146.20	\$146.20	\$23.75	X \$ 146.20	
	6.00	Rear Bumper Bolts	MTM 605-005	Big G	\$1.54	\$9.24		X \$ 9.24	
	1.00	Door handle pad set	49-7607	LMC	\$6.19	\$6.19		X \$ 6.19	

PARTS DETAIL

CATEGORY	QTY	DESCRIPTION	ITEM NO.	VENDOR	PRICE	TOTAL	SHIP	ADDITIONS	AUTHORIZED
BODY & TRIM (continued)									
	1.00	Ash tray door bumper	359422-S	DC	\$1.25	\$1.25		X \$ 1.25	
	1.00	Carriage Bolt - 5/16" x 1 1/2"	HDW01074	Big G	\$0.54	\$0.54		X \$ 0.54	
	1.00	Door handle release latch - LH	used	eBay	\$25.00	\$25.00	\$8.23	X \$ 25.00	
	1.00	Windshield wiper refill	ANC 015R	First Call	\$6.79	\$6.79		X \$ 6.79	
	3.00	Body fastener	DOR 454910BP	First Call	\$1.04	\$3.12			
MISCELLANEOUS									
	1.00	Misc. supplies			\$437.50	\$437.50			
	4.00	Semi-gloss black engine paint		Inventory	\$9.98	\$39.92		X \$ 39.92	
	1.00	Shipping - large DC order			\$0.00	\$0.00	\$115.00		
	1.00	Cragar 15"x8" Classic Wheels & Tires			\$1,594.44	\$1,594.44		X \$ 1,594.44	X \$1,594.44
	1.00	Exhaust System (parts only)			\$460.00	\$460.00		X \$ 460.00	X \$460.00
	1.00	Windshield washer fluid - non-freeze		Inventory	\$4.36	\$4.36		X \$ 4.36	
NON-TAXABLE ITEMS									
		LMC Order - 11/17/11					\$34.75		
	10.00	Premium gasoline - gal		Allsup	\$3.88	\$38.80			
TOTAL:									

LABOR DETAIL

Whitey Ford
1971 Ford F-100
FINAL

DESCRIPTION	HOURS				PRICE		LABOR RATE CODE: T RATE: \$65.00							JOB APPLICATION					COST INCREASES			
	BOB	DENNIS	NICK	TOTAL	RATE	FIXED	TOTAL	J	\$	Disassembly	Body/Paint	Mechanical	Reassembly	Misc	SUBLET	UNXPCTD ITEMS	INTERIOR	COLOR CHANGE	ENGINE	UPGRADES		
Remove tire & dislodge RF brake			0.75	0.75	\$65.00		\$48.75	1	X	\$ 48.75						\$ 48.75						
Remove & Disassemble bed		0.75	2.50	3.25	\$65.00		\$211.25	1		\$ 211.25												
Bodywork on bed			12.75	12.75	\$65.00		\$828.75	2		\$ 828.75												
Etch prime bed		1.50	1.50	3.00	\$65.00		\$195.00	2		\$ 195.00												
Disassemble cab			8.00	8.00	\$65.00		\$520.00	1		\$ 520.00												
Remove grill (inserts siliconed in place - req extra time)			1.50	1.50	\$65.00		\$97.50	1	X	\$ 97.50						\$ 97.50						
Disassemble/Remove front clip			6.25	6.25	\$65.00		\$406.25	1	X	\$ 406.25												
Remove mirrors (small mirror screws stripped - ground off)			1.25	1.25	\$65.00		\$81.25	1	X	\$ 81.25						\$ 81.25						
Disassemble doors (excluding windows) & cab			3.25	3.25	\$65.00		\$211.25	1		\$ 211.25												
Clean & powerwash frame in prep for brake & susp work			0.50	0.50	\$65.00		\$32.50	1		\$ 32.50												
Remove windshield & rear glass			0.75	0.75	\$65.00		\$48.75	1		\$ 48.75												
Rebuild brakes (at wheels)			6.00	6.00	\$65.00		\$390.00	3														
Rebuild King Pin assemblies			4.00	4.00	\$65.00		\$260.00	3	X							\$ 260.00						
Machine front brake drums															\$ 40.00							
Prep, mask & paint inner frt clip, bed underside with POR-15			5.75	5.75	\$65.00		\$373.75	2		\$ 373.75												
Bodywork - Cab			8.00	8.00	\$65.00		\$520.00	2		\$ 520.00												
Bodywork - Tailgate			0.75	0.75	\$65.00		\$48.75	2		\$ 48.75												
Bodywork - weld on driver's door for rust & mirror holes		1.00	1.00	1.00	\$65.00		\$65.00	2	X	\$ 65.00						\$ 65.00						
Remove cab from frame		0.50		0.50	\$65.00		\$32.50	1		\$ 32.50												
Replace LR bed quarter panel		6.50		6.50	\$65.00		\$422.50	2	X	\$ 422.50						\$ 422.50						
Replace LR bed light panel		4.00		4.00	\$65.00		\$260.00	2		\$ 260.00												
Bodywork - Bed's L/R corner			3.50	3.50	\$65.00		\$227.50	2	X	\$ 227.50						\$ 227.50						
Replace driver's floorpan			5.00	5.00	\$65.00		\$325.00	2		\$ 325.00												
Apply POR-15 to bottom of cab			2.00	2.00	\$65.00		\$130.00	2		\$ 130.00												
Clean & powerwash, treat (w/Metal Ready) & POR-15 frame			6.50	6.50	\$65.00		\$422.50	2		\$ 422.50												
Mount cab on frame		0.75	1.50	2.25	\$65.00		\$146.25	4								\$ 146.25						
Finish floorpan & bodwork on lower driver's door			3.75	3.75	\$65.00		\$243.75	2		\$ 243.75												
Remove windows from doors			1.00	1.00	\$65.00		\$65.00	1		\$ 65.00												
Bodywork: doors			3.75	3.75	\$65.00		\$243.75	2	X	\$ 243.75						\$ 243.75						
Prep cab			4.00	4.00	\$65.00		\$260.00	2		\$ 260.00												
Remove remaining items from inside cab (st. column, wiring)			1.75	1.75	\$65.00		\$113.75	1	I	\$ 113.75										\$ 113.75		
Wash cab interior			0.25	0.25	\$65.00		\$16.25	2	I	\$ 16.25										\$ 16.25		
Wash, prep & tape for primer			3.00	3.00	\$65.00		\$195.00	2		\$ 195.00												
Apply Etch Primer - Cab			2.50	2.50	\$65.00		\$162.50	2		\$ 162.50												
Apply Build Primer - Cab			1.50	1.50	\$65.00		\$97.50	2		\$ 97.50												
Bodywork - Front clip			7.00	7.00	\$65.00		\$455.00	2		\$ 455.00												
Etch prime - Front clip			2.00	2.00	\$65.00		\$130.00	2		\$ 130.00												
Build Prime - Front clip			1.50	1.50	\$65.00		\$97.50	2		\$ 97.50												
Bodywork - tailgate			2.00	2.00	\$65.00		\$130.00	2		\$ 130.00												
Media blast & repaint - misc chassis parts			7.00	7.00	\$65.00		\$455.00	4								\$ 455.00						
Drivetrain Parts: Unload, inventory & assess condition (E)			1.00	1.00	\$65.00		\$65.00	3	E											\$ 65.00		
Drivetrain Parts: Misc Admin & Research			1.50	1.50	\$65.00		\$97.50	1		\$ 97.50												
Clean, blast, refinish & assemble drivetrain parts (E)			10.00	10.00	\$65.00		\$650.00	3	E							\$ 650.00				\$ 650.00		
Admin: Meeting re: drivetrain assy & receiving parts		1.50		1.50	\$65.00		\$195.00	1		\$ 195.00												
Seam seal front of cab			1.00	1.00	\$65.00		\$65.00	2		\$ 65.00												
Admin: Pack parts for return			0.50	0.50	\$65.00		\$32.50	1		\$ 32.50												
Clean & reassemble heater core & vent assy			1.00	1.00	\$65.00		\$65.00	4	I	\$ 65.00										\$ 65.00		
Frame & cab underside touch-up w/POR-15			0.50	0.50	\$65.00		\$32.50	2		\$ 32.50												
Tailgate bodywork			6.00	6.00	\$65.00		\$390.00	2		\$ 390.00												
Disassemble tailgate handle			0.75	0.75	\$65.00		\$48.75	1		\$ 48.75												
Build prime tailgate & block sand hood			4.00	4.00	\$65.00		\$260.00	2		\$ 260.00												
Assemble clutch & transmission to engine (E)			2.50	2.50	\$65.00		\$162.50	3	E							\$ 162.50				\$ 162.50		
Cab wet sand & prime & fill as req.			24.00	24.00	\$65.00		\$1,560.00	2		\$ 1,560.00												
Remove grill insert trim (to be reused on new inserts)			0.50	0.50	\$65.00		\$32.50	2	X	\$ 32.50						\$ 32.50						
Strip & prep interior components for paint (I)			6.00	6.00	\$65.00		\$390.00	2	I	\$ 390.00										\$ 390.00		
Seal prime cab interior (I)			1.50	1.50	\$65.00		\$97.50	2	I	\$ 97.50										\$ 97.50		
Seal prime cab exterior			2.50	2.50	\$65.00		\$162.50	2		\$ 162.50												
Mask cab for firewall ©			1.50	1.50	\$65.00		\$97.50	2	C	\$ 97.50										\$ 97.50		
Mask cab for door jams (I)			1.50	1.50	\$65.00		\$97.50	2	I	\$ 97.50										\$ 97.50		
Base coat - firewall ©			1.00	1.00	\$65.00		\$65.00	2	C	\$ 65.00										\$ 65.00		
Base coat - interior & door jams (I)			3.00	3.00	\$65.00		\$195.00	2	I	\$ 195.00										\$ 195.00		
Clear coat - firewall ©			1.50	1.50	\$65.00		\$97.50	2	C	\$ 97.50										\$ 97.50		
Clear coat - interior & door jams (I)			4.00	4.00	\$65.00		\$260.00	2	I	\$ 260.00										\$ 260.00		
Unmask cab exterior ©			0.25	0.25	\$65.00		\$16.25	2	C	\$ 16.25										\$ 16.25		
Unmask jams & interior (I)			0.75	0.75	\$65.00		\$48.75	2	I	\$ 48.75										\$ 48.75		
Sand for interior touch-up			0.50	0.50	\$65.00		\$32.50	2		\$ 32.50												
Prime misc. interior components (I)			1.50	1.50	\$65.00		\$97.50	2	I	\$ 97.50										\$ 97.50		
Install engine & transmission		0.50		1.50	2.00	\$65.00	\$130.00	3								\$ 130.00						
Media blast & paint misc eng items. Clean Alt. Reassembly (E)			3.50	3.50	\$65.00		\$227.50	3	E							\$ 227.50				\$ 227.50		
Clean distributor (E)			1.00	1.00	\$65.00		\$65.00	3	E							\$ 65.00				\$ 65.00		

LABOR DETAIL

DESCRIPTION	HOURS				PRICE		J	\$	JOB APPLICATION					SUBLET	UNXPCTD ITEMS	INTERIOR	COLOR CHANGE	ENGINE	UPGRADES
	0.00	0.00	0.00	TOTAL	RATE	FIXED			TOTAL	Disassembly	Body/Paint	Mechanical	Reassembly						
Admin: Review needed parts w/Bob	1.50		1.50	3.00	\$65.00														
Prep & seal prime hood, & fenders			2.00	2.00	\$65.00				\$ 130.00										
Prep & seal dash parts (I)			0.50	0.50	\$65.00				\$ 32.50							\$ 32.50			
Install starter, blast & paint coil mount (E)			1.00	1.00	\$65.00						\$ 65.00							\$ 65.00	
Install Pertronix ignition conversion, install coil assy (E)			1.00	1.00	\$65.00						\$ 65.00							\$ 65.00	
Install brake master, repair & install pedal box, e-brake & L vent			4.50	4.50	\$65.00						\$ 292.50								
Wet sand, seal prime, etc. hood, fenders			6.75	6.75	\$65.00					\$ 438.75									
Install exhaust headers & oil dipstick(E)			1.25	1.25	\$65.00						\$ 81.25							\$ 81.25	
Admin: Receive parts			2.00	2.00	\$65.00						\$ 130.00								
Mask hood for jamming & underside paint ©			0.75	0.75	\$65.00					\$ 48.75						\$ 48.75			
Remove fuel charcoal canister hard line (E)			0.25	0.25	\$65.00					\$ 16.25		\$ 16.25						\$ 16.25	
Jamming Base/Clear coats on hood, fenders white/red ©			11.50	11.50	\$65.00						\$ 747.50					\$ 747.50			
Admin: Review body & bed molding placement w/Bob	0.50		1.00	1.50	\$65.00						\$ 97.50								
Bodywork - sand/fill... on rt of bed			4.50	4.50	\$65.00					\$ 292.50									
Mount new shocks & clear brake lines			1.50	1.50	\$65.00					\$ 97.50									
Bench bleed brake master cylinder & mount			0.75	0.75	\$65.00					\$ 48.75									
Rebuild clutch release z-bar assy. Blast, repaint, reassemble			2.75	2.75	\$65.00					\$ 178.75									
Drill & tap block rear flange for clutch z-bar mount (E)	2.00		2.00	2.00	\$65.00					\$ 130.00								\$ 130.00	
Steering column - disassemble, strip, paint, reassembly (I)			7.25	7.25	\$65.00						\$ 471.25					\$ 471.25			
Install heater box (I)			1.00	1.00	\$65.00						\$ 65.00					\$ 65.00			
Install rubber seals on inner front fenders			1.50	1.50	\$65.00						\$ 97.50								
Mount front inner fenders & radiator core support			3.00	3.00	\$65.00						\$ 195.00								
Mount front outer fenders			1.50	1.50	\$65.00						\$ 97.50								
Blast & refinish fender and hood mounting bolts			0.50	0.50	\$65.00						\$ 32.50								
Mount hood & hood hinges & adjust			1.25	1.25	\$65.00						\$ 81.25								
Mount carburetor & studs			0.25	0.25	\$65.00						\$ 16.25		\$ 16.25					\$ 16.25	
Replace broken turn signal switch and final st. column alignment			0.75	0.75	\$65.00						\$ 48.75					\$ 48.75			
Clean, test fit and pressure test radiator			1.00	1.00	\$65.00						\$ 65.00							\$ 65.00	
Align front clip			4.50	4.50	\$65.00					\$ 292.50									
Wet sand & bodywork on bed			32.25	32.25	\$65.00					\$ 2,096.25									
Initial sanding on tailgate			4.00	4.00	\$65.00					\$ 260.00									
Drill holes for tailgate "F O R D" trim plate			2.00	2.00	\$65.00						\$ 130.00								\$ 130.00
Sand hood			0.75	0.75	\$65.00						\$ 48.75								
Clean & primer bed & tailgate			1.75	1.75	\$65.00						\$ 113.75								
Sand cab & repair dents on roof			12.50	12.50	\$65.00						\$ 812.50								
Spot prime & sand in prep for base/clear			2.00	2.00	\$65.00						\$ 130.00								
Masking			14.00	14.00	\$65.00						\$ 910.00								
Apply Base and Clear Coats	9.50		9.50	9.50	\$65.00						\$ 617.50								
Touch-Up, Colorsand & Polish	43.50		43.50	43.50	\$65.00						\$ 2,827.50								
Apply Base and Clear Coats (assist)			4.25	4.25	\$65.00						\$ 276.25		\$ 276.25						
Strip, rebuild & refinish driveshaft			6.50	6.50	\$65.00						\$ 422.50							\$ 422.50	
Complete emergency brake installation			0.50	0.50	\$65.00						\$ 32.50								
Complete engine bay wiring harness installation			1.50	1.50	\$65.00						\$ 97.50								
Clean & install misc. engine bay items			4.00	4.00	\$65.00						\$ 260.00								
Adjust front fender lower mounts to match doors			0.50	0.50	\$65.00						\$ 32.50								
Clean & refinish fuel tank & radiator			3.00	3.00	\$65.00						\$ 195.00								
Disassemble, repair & recover seat			9.50	10.50	\$65.00						\$ 682.50								
Strip "F O R D" tailgate trim for refinishing	1.00		1.00	1.00	\$65.00						\$ 65.00								\$ 65.00
Receiving parts & inspect			0.50	0.50	\$65.00						\$ 32.50								
Wiring - misc.			0.25	0.25	\$65.00						\$ 16.25								
Prep, primer & paint rock guard & fender extensions			4.50	4.50	\$65.00						\$ 292.50					\$ 292.50			
Vent window disassembly/clean/reassembly			6.25	6.25	\$65.00						\$ 406.25								
Strip & refinish interior door panels			2.00	2.00	\$65.00						\$ 130.00								
Refinish headliner & sunvisors			2.50	2.50	\$65.00						\$ 162.50								
Install body trim			2.00	2.00	\$65.00						\$ 130.00								\$ 130.00
Install interior floor sound deadening			1.50	1.50	\$65.00						\$ 97.50								
Polish W/S wiper wells			0.50	0.50	\$65.00						\$ 32.50		\$ 32.50						
Install engine & cooling system components			4.50	4.50	\$65.00						\$ 292.50		\$ 292.50						
Mask & paint black-out sections of new grill			1.50	1.50	\$65.00						\$ 97.50					\$ 97.50			
Install & Adjust grill assembly, bumper & rock guard assy			10.00	10.00	\$65.00						\$ 650.00								
Remount truck bed & align	1.00		2.50	3.50	\$65.00						\$ 227.50								
Clean & polish rear window trim			1.00	1.00	\$65.00						\$ 65.00								\$ 65.00
Assemble cab interior			30.50	30.50	\$65.00						\$ 1,982.50								\$ 1,982.50
Finalize front clip alignment (tighten all)			1.00	1.00	\$65.00						\$ 65.00								
Assemble shift linkage			1.50	1.50	\$65.00						\$ 97.50								
Refinish & Install transmission inspection cover (req. repair)			1.50	1.50	\$65.00						\$ 97.50								\$ 97.50
Install windshield washer parts			1.00	1.00	\$65.00						\$ 65.00								
Repair fuel tank (broken mount nut) & install			7.00	7.00	\$65.00						\$ 455.00								
Install door handles			1.00	1.00	\$65.00						\$ 65.00								
Electrical connections & device installation			4.50	4.50	\$65.00						\$ 292.50								
Rear bumper assembly & installation			1.00	1.00	\$65.00						\$ 65.00								
Install misc. small parts			5.50	5.50	\$65.00						\$ 357.50								
Install front & rear windows		4.50	6.00	10.50	\$65.00						\$ 682.50								\$ 682.50
Drill holes & install Ranger exterior trim package	30.00		30.00	30.00	\$65.00						\$ 1,950.00								
<<< PREPAID LABOR BALANCE >>>			0.13	0.13	\$65.00						\$ 8.67								
Fabricate new accelerator linkage			3.50	3.50	\$65.00						\$ 227.50								\$ 227.50
Load/Unload Transport to Muffler Shop & Return			2.00	2.00	\$65.00						\$ 130.00								

LABOR DETAIL

DESCRIPTION	HOURS					PRICE		J	\$	JOB APPLICATION					SUBLET	UNXPCTD ITEMS	INTERIOR	COLOR CHANGE	ENGINE	UPGRADES
	0.00	0.00	0.00	TOTAL	RATE	FIXED	TOTAL			Disassembly	Body/Paint	Mechanical	Reassembly	Misc						
Fabricate & Install New Exhaust Ssystem (sublet)						\$195.00	\$195.00	0							\$ 195.00					
Replace Radius Arm Bushings			2.00	2.00	\$65.00		\$130.00	3			\$ 130.00									
Install & adjust backup light switch			0.50	0.50	\$65.00		\$32.50	4				\$ 32.50								
Run through checklists		1.00	9.50	10.50	\$65.00		\$682.50													
Diagnose & remedy windshield wiper fault - missing bushing			4.50	4.50	\$65.00		\$292.50	3			\$ 292.50									
Pre-engine start checklists, startup & cam break-in			3.00	3.00	\$65.00		\$195.00													
Diagnose & repair engine run problem - bad coil, test drive			1.50	1.50	\$65.00		\$97.50	3			\$ 97.50									
Replace failed turn signal switch, repair horn switch			3.00	3.00	\$65.00		\$195.00	4				\$ 195.00								
Replace faulty water temp sending unit (drain/refill coolant)			1.00	1.00	\$65.00		\$65.00	3			\$ 65.00									
Second test drive			0.50	0.50	\$65.00		\$32.50													
Adjust steering gear box			1.50	1.50	\$65.00		\$97.50	3			\$ 97.50									
Readjust brakes			1.50	1.50	\$65.00		\$97.50													
Project debriefing & client meeting			3.00	3.00	\$65.00		\$195.00													
Detail & touch-up			5.25	5.25	\$65.00		\$341.25													
WRITE-OFF								2												
TOTAL:																				
																TOTAL COST INCREASES:				



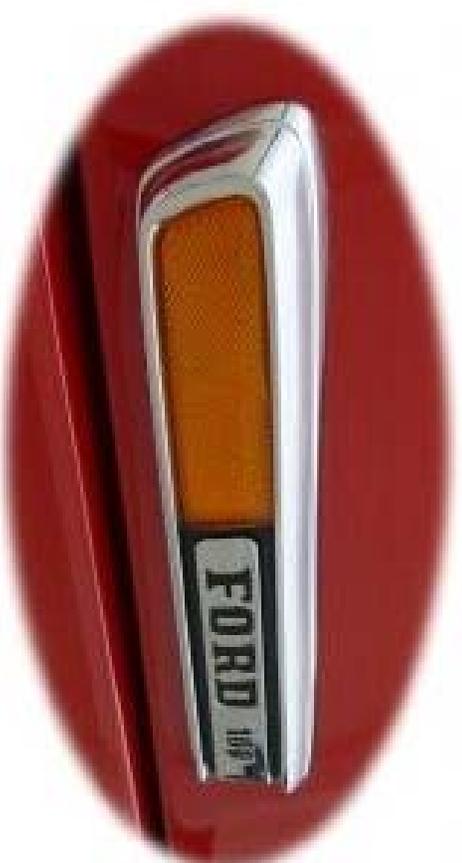
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 FORD



F-100

Project Checklists

CHECKLISTS

Dan Kress
1971 Ford F-100

SYSTEM	ITEM	TEST	PASS	FAIL	BY	NOTES
SUSPENSION & STEERING						
	Ball Joints	Check Bolts Tight & Lubed	X		NP	
	Tie Rod Ends	Check Tight & Lubed	X		NP	
	Control Arm Pivots	Check Tight & Lubed	X		NP	
	Steering Rack/Box	Check All Tight & Lubed	X		NP	
	Axle Bearings & Nuts	Check Adj & Grease. Rotates Freely	X		NP	
	Rear Springs	Check Bolts & Seats	X		NP	
	Shocks	Check Bolts Tight	X		NP	
	Steering Wheel	Check Attach & Centered	X		NP	
	Power Steering	Check Leaks, Belt, Fluid				N/A
	Suspension Action	Check Range & Damping	X		NP	
	Steering Action	Check Lock-to-Lock	X		NP	
BRAKES						
	Front Pads/Shoes	Check Wear, Fittment, Adjustment	X		NP	
	Rear Pads/Shoes	Check Wear, Fittment, Adjustment	X		NP	
	Front Rotors/Drums	Check Wear & Secure	X		NP	
	Rear Rotors/Drums	Check Wear & Secure	X		NP	
	Reservoir	Check Fluid Level	X		NP	
	Booster	Check Vacuum Connections	X			N/A
	Warning System	Check Switch Connected & Centered	X		NP	
	Pedal	Check Pedal Travel & Feel	X		NP	
	Emergency/Parking	Check if Holds Vehicle & Releases	X		NP	
	Braking Action	Road Test, Check for Pull & Locking	X		NP	
COOLING SYSTEM						
	Hoses	Check for Aging, Splits & Clamps	X		NP	
	Routing	Verify Hose Routing is Correct	X		NP	
	Coolant	Check Radiator Full & Proper Mix	X		NP	
	Leaks	Inspect for Leaks	X		NP	
	Radiator Cap	Verify Cap Secure & Proper Press.	X		NP	
	Overflow	Verify Hose/Container in Place	X		NP	
	Monitoring	Verify Any Gauges/Lights Connected	X		NP	
	Pressure Test	Inspect for Leaks	X		NP	

CHECKLISTS

Dan Kress
1971 Ford F-100

SYSTEM	ITEM	TEST	PASS	FAIL	BY	NOTES
FLUIDS						
	Engine Oil	Check Level & Correct Fluid	X		NP	
	Transmission Fluid	Check Level & Correct Fluid	X		NP	
	Power Steering Fluid	Check Level & Correct Fluid				N/A
	Coolant	Check Level & Correct Fluid	X		NP	
	Brake Fluid	Check Level & Correct Fluid	X		NP	
	Rear Axle Gear Oil	Check Level & Correct Fluid	X		NP	
	Windshield Washer	Check Level & Correct Fluid	X		NP	
	Fuel	Add 5+ Gallons for Testing	X		NP	
ELECTRICAL SYSTEM						
	Pre-Powered Overview	Verify Connections Match Diagrams	X		NP	
	- Alternator	Verify Connections Correct	X		NP	
	- Ignition Coil	Verify Connections Correct	X		NP	
	- Spark Plug Wires	Verify Connections Correct	X		NP	
	- Horn(s)	Verify Connections Correct	X		NP	
	- Oil Pressure Sensor	Verify Connections Correct	X		NP	
	- Water Temp Sensor	Verify Connections Correct	X		NP	
	- Heat & A/C	Verify Connections Correct	X		NP	
	- Exterior Lighting	Verify Connections Correct	X		NP	
	- Gauge Cluster	Verify Connections Correct	X		NP	
	- Accessories	Verify Connections Correct	X		NP	
	- Fuse Box/Panel	Verify Fuses Installed & Correct	X		NP	
	CONNECT BATTERY	CHECK FOR SMOKE!	X		NP	
	KEY OFF Testing					
	- Parking Lights	Check Proper Operation	X		NP	
	- Headlights Low	Check Proper Operation	X		NP	
	- Headlights High	Check Proper Operation	X		NP	
	- Tail Lights	Check Proper Operation	X		NP	
	- Brake Lights	Check Proper Operation	X		NP	
	- License Plate Lamp	Check Proper Operation	X		NP	
	- Hazard Flashers	Check Proper Operation	X		NP	
	- Panel Lights	Check Proper Operation	X		NP	
	- Horn(s)	Check Proper Operation	X		NP	
	- Clock	Check Proper Operation				N/A
	- Interior Lighting	Check Proper Operation	X		NP	
	- Cigarette Lighter	Check Proper Operation				N/A

CHECKLISTS

Dan Kress
1971 Ford F-100

SYSTEM	ITEM	TEST	PASS	FAIL	BY	NOTES
ELECTRICAL SYSTEM (Continued)						
	KEY ON Testing					
	- Check Above Items	Check Op of Any Failed Key Off Items	X		NP	
	- Turn Signals	Check Proper Operation	X		NP	
	- Backup Light(s)	Check Proper Operation	X		NP	
	- Parking Brake Warn	Check Proper Operation				N/A
	- Charge Gauge/Light	Check Proper Operation	X		NP	
	- Temp Gauge/Light	Check Proper Operation	X		NP	
	- Oil Press Gauge/Light	Check Proper Operation	X		NP	
	- Fuel Gauge	Check Proper Operation	X		NP	
	- Windshield Wiper	Check Proper Operation	X		NP	
	- Windshield Washer	Check Proper Operation	X		NP	
	- Heater Blower Fan	Check Proper Operation	X		NP	
	- Heater Valve (if elect.)	Check Proper Operation				N/A
	- A/C Clutch	Check Proper Operation				N/A
	- A/C Fan (if separate)	Check Proper Operation				N/A
	- Radio & Access	Check Proper Operation	X		NP	
	- Ignition Power to Coil	Check Proper Operation	X		NP	
	- Electric Choke	Check Proper Operation	X		NP	
	- Starter Engage	Check Proper Operation	X		NP	DISCONNECT COIL
	- Neutral Safety Switch	Check Proper Operation				N/A
ENGINE						
	Electrical Verified	Verify Electrical Checklist Completed	X		NP	
	Fluids Verified	Verify Fluids Checklist Completed	X		NP	
	Cooling System Verified	Verify Cooling Sys Chklist Completed	X		NP	
	Distributor Timing	Verify Static Timing - #1 TDC	X		NP	
	Accelerator Linkage	Verify Carburetor Opens/Closes	X		NP	
	Cold Start System	Verify Choke Function & Fast Idle	X		NP	
	Prime Fuel Pump	Open Fuel Line at Pump Inlet to Prime	X		NP	
	Secure For Start	Set Trans to Neutral or Park. Set Brake	X		NP	
	Start Engine	20-MINUTE CAM BREAK-IN	X		NP	1,500 RPM
		< CHECK OIL PRESSURE >	X		NP	STOP if Not Good
	Check Fluids					
	- Engine Oil	Top Off as Needed	X		NP	
	- Transmission Fluid	Top Off as Needed	X		NP	
	- Power Steering Fluid	Top Off as Needed				N/A
	- Coolant	Top Off as Needed	X		NP	

CHECKLISTS

Dan Kress
1971 Ford F-100

SYSTEM	ITEM	TEST	PASS	FAIL	BY	NOTES
ENGINE (Continued)						
	Restart Engine					
	- Check Oil Pressure	Verify Oil Pressure Good	X			STOP if Not Good
	- Rough Check Timing	Verify Near Timing (given fast idle)	X			
	- Check Trans Fluid	Add Fluid As Needed	X			N/A
	- Warm to Op Temp	Use Laser Temp Gauge	X			
	- Verify Cooling Fan	Check Elect Cooling Fan Function				N/A
	- Verify Choke Opens	Check Choke Flap and Normal Idle	X			
	- Set Ignition Timing	Adjust As Per Timing Specifications	X			
	- Set Idle	Adjust As Per Specifications	X			
	- Recheck Timing	Adjust Per Specs with Proper Idle	X			
	- Verify Coolant Temp	Confirm Temp Maintained w/in Spec.	X			
	- Shutdown	Turn Off Engine				
	- Check for Leaks	Check Engine & Cooling Sys for Leaks	X			
	Recheck Fluids					
	- Engine Oil	Top Off as Needed	X			
	- Transmission Fluid	Top Off as Needed				N/A
	- Power Steering Fluid	Top Off as Needed				N/A
	- Coolant	Top Off as Needed	X			
	Restart Engine					
	- Check Oil Pressure	Verify Oil Pressure Good	X			STOP if Not Good
	- Warm to Op Temp	Use Laser Temp Gauge	X			
	- Verify Cooling Fan	Check Elect Cooling Fan Function				N/A
	- Verify Choke Opens	Check Choke Flap and Normal Idle	X			
	- Verify Idle Speed	Adjust As Per Specifications	X			
	- Verify Ignition Timing	Adjust As Per Timing Specifications	X			
	- Recheck Idle Speed	Adjust As Per Specifications	X			
	- Adjust Idle Mixture	Adjust Per Specs with Proper Idle	X			
	- Recheck Idle Speed	Adjust As Per Specifications	X			
	- Verify Coolant Temp	Confirm Temp Maintained w/in Spec.	X			
	- Cycle Transmission	Move Through Gears to Circulate Fluid	X			
	- Check Trans Fluid	Add Fluid As Needed				N/A
	- Shutdown	Turn Off Engine	X			

ENGINE RUN COMMENTS

Initial start-up and cam break-in went fine for the first 18 minutes. Then the engine started running very rough. Cam break-in was completed despite rough running. Subsequent investigation determined that the ignition coil was failing. Coil was replaced to resolve the problem. Coolant temperature failure. Diagnosed as sending unit - replaced.

CHECKLISTS

Dan Kress
1971 Ford F-100

SYSTEM	ITEM	TEST	PASS	FAIL	BY	NOTES
SAFETY & CONVENIENCE						
	Seat Belts	Check Secure & Functional	X		NP	
	Seats	Secure & Move Fore/Aft Freely	X		NP	
	Mirrors	Verify Secure & Proper View	X		NP	
	Sun Visors	Check Secure & Functional	X		NP	
	Spare Tire & Tools	Check Present & Secured	X		NP	
	Headlight Alignment	Align High and Low Beams	X		NP	
BODY & TRIM						
	Doors	Check Movement, Latches & Locks	X		NP	
	Side Windows	Check Up/Down Movement	X		NP	
	Vent Windows	Check Open/Close Movment & Latch	X		NP	
	Windshield	Check Clean & Leak Free	X		NP	
	Rear Window	Check Clean & Leak Free		X	NP	Old slider window
	Trunk/Boot	Check Open/Close & Latch/Lock				N/A
	Hood/Bonnet	Check Open/Close & Latch/Lock	X		NP	
	Convertible Top	Check Open/Close, Latch & Leaks	X		NP	
	Trim & Badges	Check Installed, Correct & Secure	X		NP	
	Body Panel Alignment	Check & Adjust as Needed	X		NP	
	Paint	Touch Up As Needed, Buff to Shine	X		NP	
	Headliner	Secure & Taut	X		NP	
	Carpet	Secure & Free of Interference	X		NP	
	Interior Side Panels	Secure & Free of Interference	X		NP	
	Door Weatherstripping	Secure & Free of Interference	X		NP	

CHECKLISTS

Dan Kress
1971 Ford F-100

SYSTEM	ITEM	TEST	PASS	FAIL	BY	NOTES
ROAD TEST						
	Verify All Secure	Check for Loose & Missing Parts/Tools	X		NP	
	Verify Documents	Registration & Insurance on Board?				N/A
	License Plates	Verify Properly Secured Front & Rear				N/A
	Document Mileage	Indicate Odometer Miles in Notes -->	X		BC	94823.4
	Start/Warm Engine	Allow to Reach Operating Temp	X		NP	
	Check Tire Pressured	Verify Pressures to Specifications	X		NP	
	Inspect Everything	Visually Inspect for Leaks & Problems	X		NP	
	Check Transmission	Circulate Through Gears Verify Ops	X		NP	
	Check Brakes Hold	Verify Brakes Hold and Stop Rolls	X		NP	
	Check Parking Brake	Verify Holds at Idle When In Drive	X		NP	
	Electrical Load	Check Idles With Full Electrical Load	X		NP	
	First Drive	45 MPH MAXIMUM				
	- Engine	Noises, Smoothness, Misses, Power?	X		NP	
	- Transmission	Shifts Through Gears & Reverse	X		NP	
	- Brakes	Light - Feel, Straight, Predictable		X	NP	Slight pull to left
	- Carburetion	Hesitation, Stumbling, Backfires?	X		NP	
	- Steering	Correct, Precise, Sloppy, Chatter?		X	NP	20+ degrees freeplay
	- Suspension	Smooth, Noisy, Bottoming, Wallowing?	X		NP	
	- Noises	Rattles, Knocks, Squeaks, Squeals?	X		NP	
	- Gauge Readings	Temp, Oil Pressure, Charging, Etc.	X		NP	
	- Post Drive Inspection	Check for Leaks & Loose Items	X		NP	
	Second Drive	60 MPH MAXIMUM				
	- Engine	Noises, Smoothness, Misses, Power?	X		NP	
	- Transmission	Shifts Through Gears & Reverse	X		NP	
	- Brakes	Light - Feel, Straight, Predictable	X		BC	
	- Carburetion	Hesitation, Stumbling, Backfires?	X		NP	
	- Steering	Correct, Precise, Sloppy, Chatter?	X		BC	
	- Suspension	Smooth, Noisy, Bottoming, Wallowing?	X		NP	
	- Noises	Rattles, Knocks, Squeaks, Squeals?	X		NP	
	- Gauge Readings	Temp, Oil Pressure, Charging, Etc.	X		NP	
	- Post Drive Inspection	Check for Leaks & Loose Items	X		NP	
TEST DRIVE COMMENTS						
<p>Solid ride. Good power with smooth acceleration. Steering freeplay excessive - adjusted for second test drive - now better. Brakes good with slight pull left - adjusted for second test drive - now braking straight and even.</p>						

CHECKLISTS

Dan Kress
1971 Ford F-100

SYSTEM	ITEM	TEST	PASS	FAIL	BY	NOTES
PRE-DELIVERY DETAILING						
	Wash Exterior	Wash As Needed	X		NP	
	Wax/Polish Exterior	Wax/Polish As Needed	X		NP	
	Polish Brightwork	Polish All Chrome & Stainless Trim	X		NP	
	Armorall Tires	Tire-Black or Similar Tire Treatment	X		NP	
	Vacuum Interior	Vacuum Carpet Etc.	X		NP	
	Armorall Interior	Armorall Dash, Seats, Side Panels Etc.	X		NP	
	Clean Windows	Clean Inside/Outside All Windows	X		NP	
	Detail Engine Bay	Clean as Necessary	X		NP	
	Clean/Organize Trunk	Clean & Secure Spare/Tools Etc.	X		NP	
	Detail Undercarriage	Clean Underneath & Check for Leaks	X		NP	
	Check All Fluids	Verify Fluid Levels	X		NP	
	Verify Documents	Registration & Insurance on Board?		X	BC	Client to acquire
	Document Odometer	Record Total Miles at Delivery	X		BC	94836.2
	Starting Odometer	As Documented Pre-Test Drive				94823.4
	Miles Driven	Calculate Miles Driven Since Restored				12.8

DELIVERY NOTES & COMMENTS

Runs and drive nearly as well as new. The only real detraction is the noticable freeplay in the steering gear - which isn't likely to improve unless a new gearbox (not rebuilt/remanufactured) can be acquired.

The engine contains whatever oil was supplied in the engine by the rebuilder. Contact them for recommendations regarding the first oil change interval and break-in instructions. We recommend the oil and filter be changed after the first 500 miles. Caution should be taken not to overstress the engine during this period.

Do *NOT* wax the exterior paint for at least six months so that the paint can continue outgass without trapping the gasses under a layer of wax or other sealant. *Hand wash* with mild soap or automotive washing solution only. Do not use high pressure spray to wash or rinse. Do *not* use paper products on the painted finish. Polish using a terrycloth or (preferably) microfiber towel.

Avoid using adhesive products (tape, decals or stickers) on the painted surfaces. Paint pulled by such products is not covered under warranty. If absolutely necessary, use a very mild adhesive tape - such as "Frog Tape" to minimize the risk of damage.

Any chips or scratches should be touched-up with the supplied paint ASAP to prevent rust and peeling.



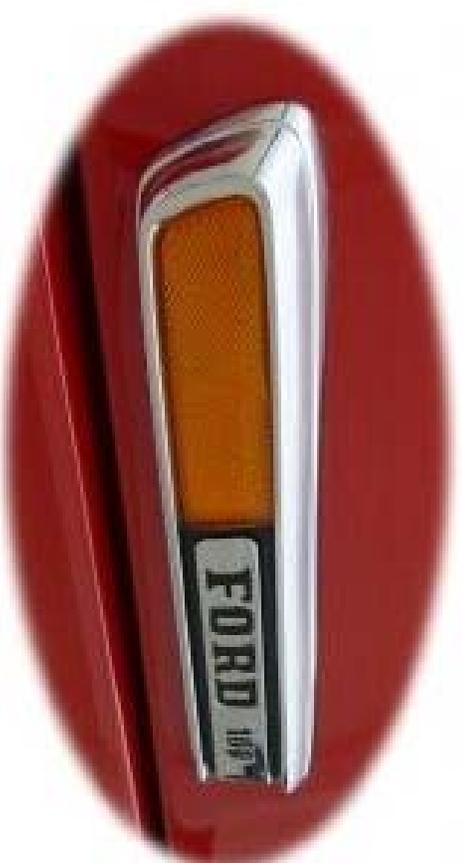
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 **FORD**



F-100

Operations Guide



OPERATIONS GUIDE

1971 Ford F-100

for

Whitey Ford

This is a supplement to the original Ford owner's manual for the 1971 F-100 Pickup. It is not intended to be a comprehensive manual. This is to be used as a guide to those items, systems and/or procedures that may differ from the original car as delivered when new.

ENGINE START: It is important to note that this car's fuel system is managed via a mechanical carburetor – as opposed to most modern vehicles which utilize computer-controlled fuel injection. Therefore, it is not a simple matter of “start-and-go”.

When the engine is cold, the carburetor's electrically-controlled choke mechanism enriches the fuel/air mixture to allow the engine to operate until it reaches normal operating temperature. This results in a period of time where the engine will be sluggish and overly sensitive to operator input via the accelerator pedal. It will also idle at a higher-than-normal RPM while the choke is active.

Cold Start: This engine is equipped with an electric choke mechanism to aid in cold engine starts and to improve performance while the engine is warming to operating temperature. When starting the engine cold, the following procedure should be observed:

- Ensure the transmission is in NEUTRAL and engage the parking brake. For safety's sake, it is preferable to depress the clutch pedal.
- Insert the key in the ignition and rotate it clockwise to the “RUN” position.
- Pump the accelerator 2 – 3 times.
- Rotate the ignition key clockwise to the “START” position to engage the starter.
- If the engine does not start immediately, pump the accelerator a couple more times while the starter is engaged.

- Once the engine starts, disengage the starter and allow the ignition key to return to the “RUN” position.
- Note that when cold, some “finessing” of the accelerator may be necessary to keep the engine running for the first 15 – 30 seconds before it can be allowed to idle on its own.
- When cold, it is not at all uncommon to have to start the engine 2 – 3 times before it will idle on its own.
- **IMPORTANT:** Do not keep the starter engaged (cranking the engine) for more than 15 seconds at a time or the starter may overheat. Allow sufficient time to pass between starting attempts so that the starter can cool down.
- Once started, allow the engine to run for 30 – 60 seconds before attempting to drive.
- Note that the engine will continue to run at a high idle for several minutes to prevent stalling until the engine reaches operating temperature. Keep this in mind as slowing/stopping will require increased braking pressure while in gear.

Warm Start: When re-starting the engine after it has already warmed up, the following procedure should be observed:

- Ensure the transmission is in NEUTRAL and engage the parking brake. For safety’s sake, it is preferable to depress the clutch pedal.
- Insert the key in the ignition and rotate it clockwise to the “RUN” position. *Without pumping the accelerator*, continue past the “RUN” position to the “START” position to engage the starter.
- If the engine starts immediately, release the ignition key and allow it to return to the “RUN” position. Once the engine stabilizes into a smooth idle, you are ready to go.
- If the engine does not start immediately, pump the accelerator lightly a few times to enrich the fuel/air mixture and once the engine starts, release the ignition key and allow it to return to the “RUN” position. Note that this may cause the choke to re-engage – resulting in the same high idle as when the engine is cold. This will resolve itself to a normal idle once the choke has heated up.

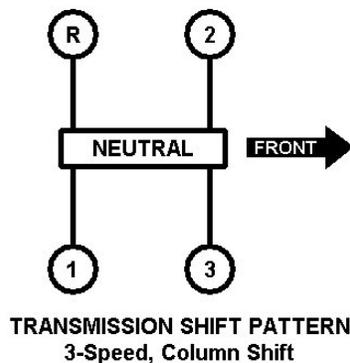
Flooded Start: If the engine does not start and you smell gasoline fumes, follow the procedure below:

- Ensure the transmission is in NEUTRAL and engage the parking brake. For safety’s sake, it is preferable to depress the clutch pedal.
- Insert the key in the ignition and rotate it clockwise to the “RUN” position. *Hold the accelerator to the floor* as you continue past the “RUN” position to the “START” position to engage the starter.

- If the engine starts immediately, release the ignition key and allow it to return to the “RUN” position while *simultaneously* releasing the accelerator. Once the engine stabilizes into a smooth idle, you are ready to go. Note that this may cause the choke to re-engage – resulting in the same high idle as when the engine is cold. This will resolve itself to a normal idle once the choke has heated up.

IMPORTANT NOTE: Do *not* leave the key in the “RUN” position for an extended period without the engine running. Doing so will damage the electric choke mechanism and the electronic ignition.

TRANSMISSION: Your truck is equipped with Ford’s 3-speed manual transmission with a column shifter.



The illustration above shows the shift pattern for the 3-speed manual transmission with column shifter:

- **“R” – REVERSE:** This position is used for driving backwards – or “in reverse”. Use appropriate caution. Shifting into REVERSE requires pressing the detent knob on the left side of the shifter handle.
- **“1”, “2” & “3”:** Forward gears used as the vehicle accelerates progressively faster – moving from 1 (first gear) through 2 (second gear) and finally into 3 (third gear) for cruising. Downshift into lower gears as required to maintain proper engine RPM as speed dictates.
- **NEUTRAL:** This position disengages the engine’s rotational force from the driveline. This is a transitional area of the shift pattern used during shifting. The only time the shifter would normally be left in this position is during engine start or sometimes when the vehicle is parked - assuming parking brake is used.

A clutching mechanism is used to disengage the transmission while shifting between gears and to ease the vehicle into motion from a standing start. The clutch is disengaged by pressing the leftmost driver’s pedal and engaged (for causing the vehicle to move) by releasing the pedal slowly when starting out from a stop and more quickly when shifting between gears.



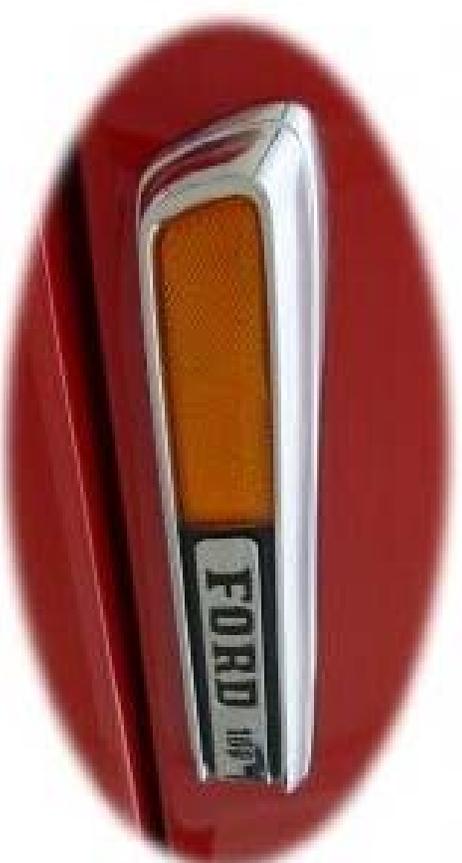
Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlife Classics.com



1971 FORD



F-100

Specifications & Maintenance

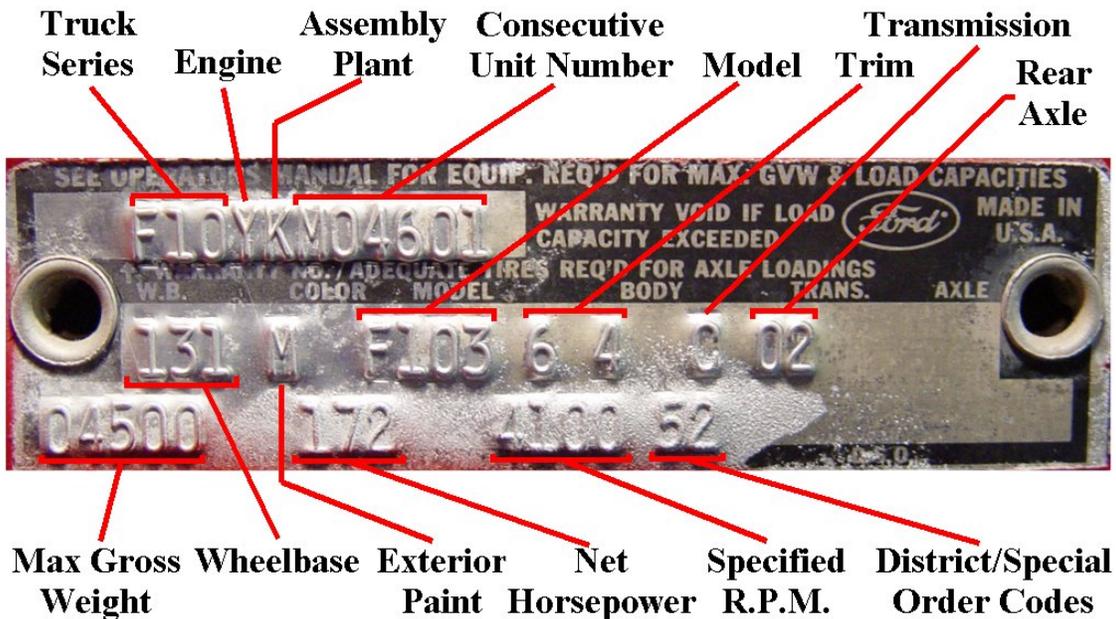
SPECIFICATIONS & MAINTENANCE

1971 Ford F-00

for
Whitey Ford

This document is intended to provide the specifications that are specific to this particular vehicle and is not all-inclusive. Consider it a supplement to the manufacturer's Owners Manual that was provided with the vehicle when new.

VEHICLE IDENTIFICATION NUMBER (VIN) AND DATA PLATE: On the back edge of the driver's door, a data plate is affixed which specifies the vehicle's unique identification number (VIN) and other information related to the configuration of this particular example of a 1971 Ford F-100. Below is an image of this vehicle's data plate with the specific information items illustrated.



The codes used on this particular vehicle decode as follows:

- **VIN:** F10YKM04601
 - Truck Series: “F10” = F-100 2WD
 - Engine: “Y” = 360 cid, 8-cyl.
 - Assembly Plant: “K” = Kansas City
 - Consecutive Unit Number: “M04601” = July 1971
- **Wheelbase:** “131” = 131 inches
- **Exterior Paint:** “M” = “Wimbledon White”
- **Model:** “F103” = F-100 w/4500 GVW
- **Trim:** “6_4”
 - Trim: “6” = Lt. Green/Med Green Vinyl “Custom” package.
 - Body Style: “4” = Styleside Pickup
- **Transmission:** “C” = Ford 3-Speed Manual
- **Rear Axle:** “02” = Ford 3.00:1 ratio, 3300 lbs max load
- **Max Gross Weight:** “4500” = 4500 lbs.
- **Net Horsepower:** “172” = 172 HP
- **Specified R.P.M.:** “4100” = Max HP @ 4100 R.P.M.
- **District/Special Order Codes:** “52” = Unlisted

PAINT (CURRENT PAINT SCHEME): This truck was repainted using a two-tone scheme similar to those available from the factory. PPG’s Deltron 2000 paint system was used with DBC color base coat and DCU 2042 clear coat paints. The colors are a follows:

- **Rangoon Red / Carnival Red:** PPG code 71243
- **Wimbledon White:** PPG Code 8378

MAINTENANCE SPECIFICATIONS:

- **Ignition System:**
 - Spark Plugs: Autolight 45
 - Spark Plug Gap: 0.32” - 0.36”
 - Ignition Timing: 6 Degrees BTDC
- **Engine Oil:**
 - Oil Brand/Type: Shell Rotella T (or other with ZDDP additive)
 - Oil Viscosity: 15W40
 - Oil Capacity (w/filter change): 5 quarts
 - Oil Filter: WIX 51515 or Fram PH8A
- **Air Filter:** WIX 42061, Fram CA184, or STP SA184

- **Transmission Fluid:**
 - Type: 80W-90W Gear Oil
 - Capacity: 3.5 pints
- **Engine Coolant:**
 - Type: Conventional “green” ethylene glycol antifreeze.
 - Capacity: Approximately 20.5 quarts.
 - Mixture: 50/50 antifreeze/water recommended
 - Thermostat: 195 Degrees (F)
- **Exhaust System:**
 - Headers: Flowtech full-length 1 ¾” downtubes
 - Mufflers: Magnaflow
 - Pipe: 2 ½” diameter steel
- **Wheels:**
 - Size: 15” x 8”
 - Make/Model: Cragar Classic SS
- **Tires:**
 - Size: 255/70R-15
 - Make/Model: BF Goodrich Radial T/A
 - Recommended Inflation (cold):
 - *Front:* 32 psi
 - *Rear:* 32 psi
- **Brake Fluid:** Valvoline Synthetic Brake Fluid (NOT DOT3)
- **Differential Fluid:** 80W-90W Gear Oil

SERVICE INTERVALS: The following service intervals are recommended by Midlife Classics to keep your car in top condition:

- **Oil & Filter Change:** Every 3,000 miles or 12 months (whichever comes first)
- **Transmission Fluid:** Check & top-off every 3,000 miles.
- **Air Filter:** Every 15,000 miles. More frequently in dusty conditions
- **Coolant (antifreeze):** Change every 2 years
- **Brake Fluid:** Change every 2 years.
- **Tire Rotation & Balancing:** Every 5,000 miles
- **Differential (rear axle) Fluid:** Check every 3,000 miles. Drain & refill every 15,000 miles
- **Replace Fuel Filter:** Every 15,000 miles (inside the fuel pump)



Midlife Classics

Classic Auto Restoration, Upgrades, Service & Sales

Princeton, TX
972-736-3560
www.midlifeclassics.com



MAINTENANCE LOG

1971 Ford F-100

for

Whitey Ford

Indicate the actual odometer reading when each service is performed under the appropriate mileage interval.

MAINTENANCE ITEM	INTERVAL		3,000	6,000	9,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000
	MILES	MONTHS										
Engine Oil & Filter Change	3,000	12										
Transmission Fluid & Filter	3,000	36										
Air Filter Replacement	15,000	36										
Coolant Change		24										
Brake Fluid		24										
Tire Rotation & Balancing	5,000											
Differential Fluid Change	15,000	48										
Replace Fuel Filter	15,000											

NOTE: Odometer reading at the end of the restoration was 94,836.2 miles. This should be used as the new "zero miles" point when referencing maintenance intervals

IMPORTANT: An engine oil and filter change should be performed after the first 500 miles (at 95,336.2 miles).

