

Late 2012 / All of 2013 / Half of 2014 Barracuda Restoration/Maintenance:

Finished 6/15/2014

(November 10, 2012 thru June 2014)

Interior:

Doors:

Removed door panels and cleaned with paint thinner, then re-dyed with Color Bond black & satin clear
Replaced door panel arm rest inserts with new ones
Replaced lower driver's side hinge
Realigned both door hinges & striker posts for doors to close more accurate
Primed, painted & clear coated door jams and door edges with correct body color (was still original)
Removed, cleaned and re-dyed all rubber door trim and weather strip
Replaced inside weather strip (combs) for front door windows and rear quarter windows
Sprayed 3-5 coats rust converter inside the doors and rear quarter window cavities
Heavily coated all moving parts for windows front & rear with lithium grease
Cleaned and polished all 4 window crank handles

Door area:

Replaced both courtesy light door contact triggers and replaced wire connectors
Brushed in 3 coats of gray POR-15 into front lower cavities at side kick panel areas where hinge bolts are
Removed, cleaned and re-dyed plastic kick plates at foot well area
Installed new door sill plates and screws

Front Seats:

Removed both front seats and replaced cushions and vinyl upholstery
Stripped and re-dyed plastic back and side parts with Color Bond black & satin clear
Sprayed 3 coats of rust converter on metal parts and painted any visible parts black
Sprayed lithium grease on all moving mechanisms
Removed, cleaned and re-dyed seat belts
Polished all chrome on seat belts
Added 2 LED lights at each seat front bottom to illuminate floor/wired to courtesy light

Back Seat:

Removed, cleaned and stripped with Color Bond "prep" spray
Re-dyed with Color Bond black and satin clear
Removed, cleaned and re-dyed seat belts
Polished all chrome on seat belts
Removed, cleaned, prepped and re-dyed back interior back quarter panels

Floor:

Removed carpet and installed new carpet
Wire brushed all surface rust, front and back
Cleaned floor boards w/POR-15 cleaner, then prepped w/POR-15 metal prep then coated w/3 coats of POR-15
Replaced all floor plugs and grommets with new
Re-ran all stereo and other wiring more neatly
Ran new wire for fuel gauge

Center Console:

Removed, cleaned, prepped and re-dyed with Color Bond black & satin clear
Fixed crack along side
Replaced metal console top
Added carbon fiber face to console top
Replaced factory shifter with new pistol grip shifter

Fixed broken screw mounts on storage compartment lid
Ran wire and mounted light on back of console to illuminate back seat foot area
Sprayed lithium grease on all shifter parts
Took apart shifter display plate and cleaned glass, chrome and plastic slider
Filed down factory bumps to make shifter plate more centered in opening
Used a heat gun to fix warping on console sides and storage compartment lid
Re-wired and replaced tachometer that was on console front

Dash area:

Replaced and rewired to different location the window washer motor control
Added 4 LED lights to foot well area and put switch at lower dash trim panel
Added transmission Park bypass switch to lower dash trim panel
Added light switch to new (8) interior LED courtesy lights to lower dash trim panel (also switches on dome)
Fixed wobbly map light switch
Added antenna extension cable to more neatly re-run antenna wire
Neatened all wiring at foot well/under dash area
Ran new wire from center speaker to back amp
Installed new dual tweeter center speaker...hooked to mid-range amp
Mounted alarm bypass switch which was just originally hanging under the dash
Replaced turn signal flasher with unit that works with LED lights
Added white gauge kit to existing gauges
Installed carbon fiber faceplate to dash
Removed glove box/cleaned/dyed. Reinforced the aged cardboard with black gorilla tape on backside

Back Window area:

Replaced back deck w/flexible black board
Added/cut in (2) 6x9 speakers
Removed window trim, cleaned and re-dyed
Fixed rust at bottom of window with rust converter, JB weld and POR-15

Ceiling:

Put on 3 coats of vinyl protectant...over one week period
Replaced rearview mirror
Replaced both sun visors (added mirror to passenger side visor)

Trunk:

Trunk floor:

Stripped out all old undercoating spray
Wire brushed off all rust
Filled holes with steel pieces and JB-Weld on tiny holes
Cleaned/prepped w/POR-15 Metal Ready
Brushed on 4 coats of black POR-15
Re-ran air shock hoses
Replaced all rubber grommets and plugs
Replaced shock tower covers
Put in new carpet (originally vinyl floor mat)
Re-installed subwoofer and all stereo gear and neatened wiring/dyed some parts

Trunk area:

Applied Gold bondo to areas/holes below back window underside
Put 3-4 coats of gray POR-15 over the Gold Bondo
Lubed trunk lid hinge with lithium grease

Sanded/primed/base coated/clear coated underside of deck lid and surrounding channel
Replaced deck lid seal
Replaced tail light lenses
Replaced all tail light (including reverse light) with LED type
Put 3 coats of POR-15 clear on 3 inside walls of trunk
Installed new deck lid rubber bumpers
Installed new wire loom on trunk light wire
Sprayed 3 coats of rust converter in crevices of deck lid underside

Exterior: (Includes entire body paint being buffed, polished, glazed then sealed with random orbital buffer)

Top:

Removed old vinyl top and roof rails
Scraped off old glue
Removed factory bondo at C-pillars and front pillars
Fixed rust and rust holes on all four pillars with Gold Bondo, JB-Weld & POR-15
Installed new vinyl top

Front windshield area:

Removed and buffed all window trim
Removed and buffed lower cowl area cover
Cleaned, removed surface rust and treated area under windshield with POR-15
Brushed in clear POR-15 around window channel/groove

Back window area:

Fixed severely rusted area & holes below windshield with aluminum sheet metal & Gold Bondo
Coated all affected areas with 3-4 coats of POR-15
Removed and buffed all window trim
Removed and buffed trim at vinyl bottom near trunk lid
Brushed in clear POR-15 around window channel/groove

Door/Window areas:

Removed and buffed roof rail trim moldings
Replaced roof rail weather-stripping where window hits top for all 4 windows
Replaced 2 vertical weather strips on rear quarter windows
Replaced driver/passenger weather-strip "combs" for front & quarter windows
Fixed wobbly driver's mirror
Added passenger side mirror

Back Tail Panel:

Fixed 3 rust bubbles with POR-15 and gold body filler
Sanded down tail panel, primed then used Oganosol black paint for black out treatment
Installed tail panel trim for transition of body color and black out treatment
Put 3 coats of POR-15 clear on back of lower valance
Polished Barracuda emblem and trunk lock
Installed new gasket for trunk lock
Installed all (2 ea.) new gaskets for tail light housings
Cleaned & polished license plate light housing and replaced gasket
Painted trunk lock rod cover with black trim paint
Installed new gas cap
Soda blasted trunk lock mechanism at latch and coated with lithium grease
Installed new license plate holder rubber bumpers
Sanded old rust and painted back of bumper (key areas) with POR-15 gray

Replaced bumper guard black plastic fillers
Welded back left rear bumper guard bracket
Sanded/coated w/POR-15, then painted back area behind bumper
Wire brushed and coated all bumper screws, bolts and nuts
Painted backside of tail light housings
Soda blasted then painted (black trim paint) on license plate holder. Replaced one plastic anchor for bolt

Rear/Underside:

Sanded underside between fuel tank and trunk, then coated with POR-15
Stripped/cleaned/repainted differential, axle, exhaust and shock area with black engine paint
Replaced fuel tank
Replaced fuel tank pad and straps
Replaced grommet on fuel tank filler to fuel tank
Replaced sending unit for fuel tank
Cleaned/sanded/coated with black POR-15 the inside wheel back panels
Replaced leaking brake caliper on driver's side

Front:

Fixed crack and repaint front grill with dark argent textured paint
Replaced cracked plastic valance trim and painted with dark argent textured paint
Cleaned and installed new gaskets on signal/parking lights in grill
Installed wire loom on all light wiring
Installed new amber LED bulbs for turn signal/parking lights
Cleaned then coated (with black POR-15) the front license plate holder/bracket

Engine Area:

Replaced all three air cleaners with finned units
Removed choke/cleaned and recalibrated tension
Replaced carburetor throttle springs
Corrected kick-down lever mechanism to work properly and calibrated
Replaced positive & negative battery cable
Replace upper/lower radiator hoses
Replace all heater and bypass hoses
Replaced valve covers w/Mopar "finned" style
Replaced spark plugs w/NGK thin wire-Iridium
Replaced spark plug wires
Replaced coil w/Mallory unit and removed 2 redundant resistors
Replaced distributor cap and rotor
Replaced starter wire and put heatproof tubing on it
Cleaned/stripped and painted blower motor w/Eastwood cast metal spray paint
Replaced thermostat housing with modern/non-leak design
Cleaned and painted with POR-15 the access hole plates on inside fender wells
Cleaned and wire brushed all brake lines
Wire loom wires in engine bay and replace firewall/fender wall straps
Painted engine bay, firewall and cowl to match exterior color...was still the original car color
Repaint headers with high heat POR-15 after cleaning them and sanding down surface rust
Wash engine & touch up the paint...including steering unit, radiator top & intake (intake is aluminum high heat POR-15)
Soda blasted and cleaned hood latch mechanism then coated with lithium grease
Painted hood latch hook (bottom side of hood) and release with gloss black POR-15
Flush radiator
Paint radiator shroud
Paint radiator with high heat black POR-15

Replaced radiator overflow hose
Stripped then painted radiator fan with gloss black POR-15
Put clear coat high temp POR-15 on carburetors
Polished carburetor copper fuel lines then coated with high heat clear
Replaced wiper motor harness
Replaced engine wiring harness
Strip color and repaint wiper motor w/black POR-15
Replaced all belts
Install new wire separator kit for spark plug wires
Install all new hoses and squirters for windshield washer / Scrub out washer bottle w/Marine clean
Reran new wire for washer bottle motor
Replaced dealer antifreeze decal on radiator support
Replaced all hose clamps
Replaced PCV, PCV hose, breather cap and breather hose
Cleaned then painted (w/POR-15) the battery tie-down rods. Also wire brushed the wing nuts.
Replaced battery w/AC-Delco unit around 5/2014
Cleaned and painted with POR-15 the horns
Cleaned/redyed and relocated the alarm horn
Replaced battery tray
Added battery wrap/insulation cover
Replaced voltage regulator and voltage regulator connector
Painted underside of hood to body color (was flat black)...sprayed rust converter into crevices.
Replaced hood rubber bumpers and plastic (springed) guides
Paint area behind front grill in black w/POR-15 (had yellow overspray)
Cleaned and painted fender tag
Replaced distributor wire pigtail
Wire brushed rust off master cylinder and coated in clear POR-15
Installed **COMPLETE NEW a/c** system from Vintage Air (compressor, evaporator, condenser, lines, controls, etc.)