

Issue	Section	Pg.	Title	Description
Jan-04	HANDBOOK	14	SHIFTING GEARS	Next or last chapter for Indian?
Jan-04	HANDBOOK	16	TAKING AIM	Holiday stuff & on-line mags
Jan-04	HANDBOOK	18	RIDING SKILLS	Apex 102
Jan-04	NUTS & BOLTS	24	HOW IT WORKS: CAMSHAFTS	What the terms mean and what you should know when choosing a cam
Jan-04	NUTS & BOLTS	32	TECHLINE: TWIN CAM GEARCASE DEBRIS	Are other engine compartments also affected?
Jan-04	NUTS & BOLTS	40	JIMS LIFTERS & PUSHRODS	Installing JIMS Power Glide lifters and titanium pushrods into Evo Big Twin
Jan-04	THUNDER ALLEY	48	CURVES ONLY, PLEASE	Andre's very specific about what he wants
Jan-04	HANDBOOK	52	PARADISE IN THE PACIFIC	Touring the island of Oahu on a Harley
Jan-04	HOTTEST CUSTOM IRON	60	SWEDISH LONGFORK CHOPPER	Coop's mega-buck big-incher from Stockholm
Jan-04	HANDBOOK	66	THE 100TH IN HAMBURG	H-D's party, European style
Jan-04	HOTTEST CUSTOM IRON	74	UNTOUCHABLE	Erik's chromed custom Heritage Softail
Jan-04	RIDDEN & REVIEWED	80	2004 VICTORY VEGAS	A fine-running, well-styled machine ready for the custom cruise arena
Jan-04	HOT XL	86	SWEET REVENGE	W.C.'s 136-horsepower bully-beatin' Sportster
Jan-04	RIDDEN & REVIEWED	92	THE 2004 BUELLS	Erik Buell pulls out a couple of big guns for the new lineup
Jan-04	HANDBOOK	98	HOLIDAY SHOWCASE	Here are some great gift ideas for the holidays
Jan-04	INDIAN ILLUSTRATED	102	1949 INDIAN ARROW	Indian's single-cylinder, lightweight Model 149
Jan-04	NUTS & BOLTS	106	2004 DAYTONA GIVEAWAY BIKE	Part II: Building our chopper rolling chassis
Jan-04	NUTS & BOLTS	113	HOG HELPLINE	Annoying sounds, wiring glitches, and handling issues
Jan-04	RIDDEN & REVIEWED	116	BIKE GRAB	Trailer made easy
Jan-04	RIDDEN & REVIEWED	117	H-D WATERPROOF GAUNTLET GLOVES	The newest addition to my long-haul, foul-weather gear
Jan-04	INDIAN ILLUSTRATED	118	XTREME MACHINE WHEELS & METZLER TIRES	Indian Chief with chrome custom wheels, discs, pulley, and fatter rubber
Jan-04	THUNDER ALLEY	123	ASK TOM	Fouled plugs, exhaust pops, and wobbles
Jan-04	CLASSIC AMERICAN IRON	168	1949 HYDRA-GLIDE	This old Panhead was saved from the chopper block

Feb-04	HANDBOOK	14	SHIFTING GEARS	Looking back and planning ahead
Feb-04	HANDBOOK	16	TAKING AIM	Mexico and much more
Feb-04	HANDBOOK	18	HARLEY HERITAGE	Harley's J Series
Feb-04	NUTS & BOLTS	26	HOW IT WORKS: STEALTH HARLEYS	How to make your bike invisible to radar and laser
Feb-04	NUTS & BOLTS	30	TECHLINE: TRIKES	How the different rear end suspensions work
Feb-04	THUNDER ALLEY	38	SE AIR CLEANER INSTALL	An easy upgrade for 5 horsepower
Feb-04	HOTTEST CUSTOM IRON	42	THE BEST OF BOTH WORLDS	American IronHorse's Tim Edmondson builds himself one bad bagger
Feb-04	HANDBOOK	48	BIKETOBERFEST 2003	Perfect weather for the autumn event
Feb-04	HOTTEST CUSTOM IRON	56	HOUDINI	A little bit of Orange County Choppers' magic turns up in Pennsylvania
Feb-04	HANDBOOK	62	MOTORING THROUGH MEXICO	A tale of topes, taquitos, and tequila
Feb-04	THUNDER ALLEY	72	CORSA RED	Mike's love of Formula 1 racing, performance, and Ferraris, shows
Feb-04	HOTTEST CUSTOM IRON	78	BANQUER SUPERIOR	Gwen's blend of Harley-Davidson and Brough Superior
Feb-04	RIDDEN & REVIEWED	82	2004 ROAD GLIDE	A machine that can easily be ridden non-stop, all-day long
Feb-04	HOT XL	88	SUPER SAVER	Bill's purpose-built Softail-style Sportster
Feb-04	INDIAN ILLUSTRATED	94	1951 INDIAN BOBBER	A retro 1950s bobber that can hang with the best of them
Feb-04	HANDBOOK	98	GOTHAM MOTORCYCLE CLASSIC CALENDAR	January and February 2004
Feb-04	RIDDEN & REVIEWED	102	MULESKINNER	King of the Mountain's rugged vest
Feb-04	CLASSIC AMERICAN IRON	103	PAN FRONT END UPGRADE	Updating the front suspension on an old Panhead
Feb-04	HOT XL	109	TROCK'S CV KIT FOR IRONHEADS	An easy way to update your Sportster's carburetion
Feb-04	RIDDEN & REVIEWED	113	OUTBACK'R H13	A handy little multi-tool with 13 options
Feb-04	HOT XL	114	SPORTSTER CORNER	Compression, bars, and gearing
Feb-04	NUTS & BOLTS	118	2004 DAYTONA GIVEAWAY BIKE	Part III: Bolting up some cool stuff!
Feb-04	RIDDEN & REVIEWED	124	SKULLDUGGERY	Three's company with Tacoma Chroma's trailer hitch cover
Feb-04	HANDBOOK	125	AIM LIBRARY: HEROES OF HARLEY-DAVIDSON	The Motorcycle Hall Of Fame exhibit in a book

Feb-04	NUTS & BOLTS	126	ASK THE EXPERTS	Shifts, washes, and drips
Feb-04	CLASSIC AMERICAN IRON	168	1967 FLH ELECTRA GLIDE	Bill's original paint, low mileage Shovel classic
Mar-04	HANDBOOK	18	SHIFTING GEARS	End of our 15th and best year (so far)
Mar-04	HANDBOOK	20	TAKING AIM	Downunder & back
Mar-04	HANDBOOK	22	FRINGE ELEMENT	Road testing the V-Rod
Mar-04	NUTS & BOLTS	28	HOW IT WORKS: BORE AND STROKE	The road to cubic inches
Mar-04	NUTS & BOLTS	32	TECHLINE: CURING OIL BLOW-BY	Part I: What blow-by is and some fixes
Mar-04	NUTS & BOLTS	38	2004 DAYTONA GIVEAWAY BIKE	Part IV: Putting on the final components
Mar-04	HOTTEST CUSTOM IRON	50	WIN THIS BIKE!	All it takes is the right raffle ticket
Mar-04	THUNDER ALLEY	56	HOT ROD BODY BIKE	Arlen Ness' screamin' yellow screamer
Mar-04	HANDBOOK	62	GOTHAM MOTORCYCLE CLASSIC	The Manhattan Project: Bikers commandeer the Intrepid
Mar-04	HOTTEST CUSTOM IRON	74	DIGGER	Drag Specialties' California Digger bucks the trend
Mar-04	RIDDEN & REVIEWED	80	AMERICAN IRONHORSE SLAMMER	Taking the open road to Daytona in style
Mar-04	HOTTEST CUSTOM IRON	88	BERNIE'S EBAY BAGGER	Buying a beauty on the Internet
Mar-04	HANDBOOK	94	NEW MEXICAN MELODY	Cranking the Continental Divide in New Mexico
Mar-04	HOTTEST CUSTOM IRON	104	1936 TRIBUTE	Pat Moroney's resurrected Knuckle
Mar-04	HOT XL	108	SPRINGER SOFTAIL SPORTSTER	Pam Pourciau's homebuilt Louisiana custom
Mar-04	INDIAN ILLUSTRATED	114	INDIAN DAKOTA FOUR	Is this the future or the past?
Mar-04	HANDBOOK	116	AMERICAN IRON CALENDAR	
Mar-04	INDIAN ILLUSTRATED	118	AMCA JUNIOR FIRST WINNER	Al Spada's 1947 Indian Chief
Mar-04	RIDDEN & REVIEWED	122	HOLY COWHIDE	Stylish and functional Vanson jackets
Mar-04	RIDDEN & REVIEWED	126	TEN-FOUR, GOOD BUDDY	Using J&M's equipment to stay in voice contact while riding
Mar-04	THUNDER ALLEY	130	POWER COMMANDER IIIr	An easy cure for an Evo or Twin Cam's EFI blues
Mar-04	NUTS & BOLTS	136	CCE'S JEWELLED COVERS	Custom Cycle Engineering's textured accessories

Mar-04	NUTS & BOLTS	144	CHOPPER FRONT END	How to install Storz's newest offering
Mar-04	NUTS & BOLTS	150	FIXING A FLAT ON A TUBELESS TIRE	Don't get stuck on the side of the road
Mar-04	RIDDEN & REVIEWED	155	THREE EASY LOCKS	Layers of security is the way to go
Mar-04	HANDBOOK	156	AIM LIBRARY: ART OF THE CHOPPER	Lowdown on chopper builders and their machines
Mar-04	THUNDER ALLEY	157	ASK TOM	Timken bearings and Shovel hop-ups
Mar-04	THUNDER ALLEY	160	HOG HELPLINE	Shoes, wheels, starters, and tanks
Mar-04	CLASSIC AMERICAN IRON	222	1910 PIERCE ARROW	The first American four-cylinder motorcycle
Apr-04	HANDBOOK	16	SHIFTING GEARS	Biggest anniversary issue
Apr-04	HANDBOOK	18	TAKING AIM	Happy anniversary
Apr-04	HANDBOOK	20	RIDING SKILLS	What kind of rider are you?
Apr-04	NUTS & BOLTS	30	HOW IT WORKS: HELMETS 101	Some basic facts about skid lids
Apr-04	NUTS & BOLTS	36	TECHLINE: CURING OIL BLOW-BY	Part II: Oil pump fixes and TP's Pro-Vent rocker boxes
Apr-04	THUNDER ALLEY	44	S&S 124" TWIN CAM BUILD	Part III: Finishing the engine and hooking it up
Apr-04	HOTTEST CUSTOM IRON	52	BUILDING BERT'S BIKE	Bert Baker's green dream, with six on the side
Apr-04	HOTTEST CUSTOM IRON	60	LEGACY HYDRA DRIVE	A bike with no mechanical connection between engine and rear wheel
Apr-04	THUNDER ALLEY	68	NO EXCUSES	Kenny Price's steak dinner softail
Apr-04	HANDBOOK	76	SIERRA NEVADA GHOST TOWNS	Going for the gold against a Sierra stranger
Apr-04	HOTTEST CUSTOM IRON	84	BRUISER	Chica's latest creation for Custom Chrome
Apr-04	HOTTEST CUSTOM IRON	92	BOUGHT AS IS	Getting a custom King the easy way
Apr-04	RIDDEN & REVIEWED	100	2004 RIDLEY AUTO-GLIDE 740	Riding in Wisconsin on autopilot
Apr-04	HOT XL	104	SHOOTER'S SPORTSTER	An AIM photographer's personal ride
Apr-04	RIDDEN & REVIEWED	112	VENGEANCE CHOPPER	Just the ticket for tooling around Sturgis
Apr-04	HOTTEST CUSTOM IRON	116	TRI ROD	A V-Rod with a little bit extra
Apr-04	INDIAN ILLUSTRATED	124	HOT ROD 101	A bike built by Indian legends

Apr-04	HANDBOOK	128	AMERICAN IRON CALENDAR	
Apr-04	INDIAN ILLUSTRATED	130	THE FALL OF INDIAN MOTORCYCLES	
Apr-04	NUTS & BOLTS	134	REMOVABLE FAIRING INSTALL	Dragonfly Cycle's fairing for Road Kings/Fat Boys/Heritage Softails/Indian Chiefs
Apr-04	NUTS & BOLTS	142	HAYDEN M6	An easy-to-install, automatic primary chain adjuster
Apr-04	NUTS & BOLTS	146	WORKS PERFORMANCE REAR SHOCK INSTALL	Change those rear shocks and stop wallowing through turns
Apr-04	NUTS & BOLTS	152	PRO-ONE TRANNY SIDE COVER	Add some custom chrome to the right side of your bike
Apr-04	RIDDEN & REVIEWED	156	LEGENDARY BLACK STALLION	A classic styled horsehide leather jacket
Apr-04	HOT XL	158	SPORTSTER CORNER	Cams, pipes, and balancing
Apr-04	RIDDEN & REVIEWED	164	OPEN ROAD RACK	A simple-to-install rack that'll pull its share of the load
Apr-04	HANDBOOK	165	AIM LIBRARY: MOTORCYCLE MAINTENANCE	Tips and techniques to keep yor motorcycle in top condition
Apr-04	HANDBOOK	166	ASK THE EXPERTS	Triple trees, bad brakes, and Kameleon paint
Apr-04	CLASSIC AMERICAN IRON	230	1959 XLCH	Bob Bennett's very special Sportster
May-04	HANDBOOK	14	SHIFTING GEARS	Report from the field
May-04	HANDBOOK	16	TAKING AIM	Big inches, six-speeds & e-mail
May-04	HANDBOOK	18	HARLEY HERITAGE	Winter riding
May-04	NUTS & BOLTS	24	HOW IT WORKS: REJETTING A CV CARB	How to rejet the stock fuel mixer on a Twin Cam
May-04	NUTS & BOLTS	30	TECHLINE: ROLLER ROCKER ARMS	The role they play in your engine's valvetrain
May-04	THUNDER ALLEY	38	BASSANI EXHAUST ON AN S&S 124" TWIN CAM	Part IV: This pipe to OGC latest big motor reaps almost 100 hp and 140 ft lbs. of torque!
May-04	THUNDER ALLEY	46	STEAMROLLER	Dave Mac's monster machine
May-04	HOTTEST CUSTOM IRON	54	WORTH THE WAIT	Bill McFarland's Simms chopper
May-04	HANDBOOK	62	ORCHESTRATING THE OZARKS	Running wild in the Arkansas hills
May-04	HOTTEST CUSTOM IRON	70	MECHANICAL & MEAN	Flames? David don't need no stinking flames!
May-04	HOTTEST CUSTOM IRON	78	SLIME TIME SKULLS	Jim McGrath's customized King
May-04	RIDDEN & REVIEWED	86	2004 FXSTS SPRINGER SOFTAIL	A bike for cruising around town, as well as on the open road

May-04	HOTTEST CUSTOM IRON	94	CLOWN BIKE	Joe Russo's wild ride
May-04	HOTTEST CUSTOM IRON	102	JACK'S V-ROD	A car guy joins the ranks with a winner
May-04	HOT XL	110	UNDERCOVER XL	A cop's sleeper Sportster
May-04	HOTTEST CUSTOM IRON	118	GLORY DAYS	Jeff Patton's 30th Anniversary Dyna Super Glide
May-04	HANDBOOK	122	AMERICAN IRON CALENDAR	
May-04	INDIAN ILLUSTRATED	124	1917 MODEL O	A two-year-only, horizontally opposed, lightweight twin
May-04	NUTS & BOLTS	128	RIVERA PRO-CLUTCH	When the stock clutch just won't do
May-04	NUTS & BOLTS	134	DAKOTA DIGITAL SPEEDO/TACH	Installing an electronic speedo and tach into a set of Fat Bob tanks
May-04	NUTS & BOLTS	144	SOFTAIL DEUCE LEATHER SADDLEBAGS	Adding some carrying capacity to a popular Softail
May-04	RIDDEN & REVIEWED	152	DRAGGIN' JEANS	They look, fit, and feel like traditional jeans
May-04	HANDBOOK	154	AIM LIBRARY: 101 USES FOR AN OLD HARLEY	A seriously ridiculous hog roast
May-04	NUTS & BOLTS	156	HOG HELPLINE	Oil consumption and fat tires
May-04	HANDBOOK	158	H-D'S NEW 120" ENGINE & SIX-SPEED TRANNY	The Motor Company jumps into the hi-po powertrain market with both feet
May-04	THUNDER ALLEY	162	ASK TOM	Cams, carbs, and headwork
May-04	CLASSIC AMERICAN IRON	166	PANHEAD ELECTRIC STARTER	Installing Tech Cycle's Indian Larry kit
May-04	RIDDEN & REVIEWED	169	OXLITE BIKE RAMPS	An easy way to load a bike into a pick-'em-up truck
May-04	RIDDEN & REVIEWED	170	H-D'S FXRG NYLON RIDING JACKET	A jacket that can truly hack it
May-04	CLASSIC AMERICAN IRON	226	1932 PEASHOOTER	A one-of-a-kind, factory-built, hillclimbing Harley
Jun-04	HANDBOOK	16	SHIFTING GEARS	I survived Daytona Bike Week
Jun-04	HANDBOOK	18	TAKING AIM	Daytona Sun & 93"
Jun-04	HANDBOOK	20	FRINGE ELEMENT	Commuting to work
Jun-04	NUTS & BOLTS	28	HOW IT WORKS: PROTECTIVE GEAR	What to look for and what it does for you
Jun-04	NUTS & BOLTS	38	TECHLINE: 2004 SPORTSTERS	The XL line has new features for 2004
Jun-04	NUTS & BOLTS	46	DUECE RACK BAG, RACK & PAD	Adding even more carrying capacity to a popular Softail

Jun-04	HOTTEST CUSTOM IRON	52	HIDDEN AGENDA	Wayne Kemp's masterpiece keeps it all under wraps
Jun-04	HANDBOOK	60	DAYTONA 2004	time to ride, race, and eat the donuts
Jun-04	THUNDER ALLEY	68	RAPTOR	This Swedish predator was almost a shop loaner bike
Jun-04	RIDDEN & REVIEWED	76	THE 2004 VICTORY KINGPIN	Victory builds on its Vegas success
Jun-04	HOTTEST CUSTOM IRON	80	SLEEK & ELEGANT	A hands-down winner at AIM's Gotham Motorcycle Classic
Jun-04	HOTTEST CUSTOM IRON	88	COVINGTON-BUILT BAGGER	To Mark, it's the best of everything in one
Jun-04	RIDDEN & REVIEWED	96	DOSS ROCKET	Custom Chrome's stylin' HR3 kit bike
Jun-04	HOTTEST CUSTOM IRON	100	WALTZING MATILDA	The world's first 280mm rear tire custom
Jun-04	HOTTEST CUSTOM IRON	108	Z-MAN'S PAN/SHOVEL	Jeff's retro custom
Jun-04	HANDBOOK	116	AMERICAN IRON DOWNUNDER	Riding Harley's down the eastern coast of Australia
Jun-04	HOT XL	128	HIS AIN'T HERS	When making do just doesn't cut it anymore
Jun-04	HOT XL	136	DIAMOND IN THE ROUGH	A battered 1959 XLCH is rescued from the boneyard
Jun-04	HOTTEST CUSTOM IRON	144	RED SCARE	John Breuer's 1946 Knucklehead Chopper
Jun-04	HANDBOOK	148	AMERICAN IRON CALENDAR	
Jun-04	INDIAN ILLUSTRATED	150	1941 INDIAN 741	Indian's answer to the military's call
Jun-04	HANDBOOK	154	THREE-WHEEL COMMERCIAL VEHICLES	Harley-Davidson's offerings from 1913 to 1973
Jun-04	NUTS & BOLTS	162	AMPLIFIED EARS	Install a hidden amplified electronic AM/FM universal antenna on Road Glide
Jun-04	HOT XL	168	SPORTSTER CORNER	Compression, pumps, and tires
Jun-04	THUNDER ALLEY	172	93° ON THE CHEAP	Part I: How to build a 93° Evo on a budget
Jun-04	HANDBOOK	185	AIM LIBRARY: AT THE CREATION	Harley's Earliest Years
Jun-04	NUTS & BOLTS	186	ASK THE EXPERTS	Rotors, paint, coatings, and squeals
Jun-04	RIDDEN & REVIEWED	189	WEATHERING THE STORM	Combat boots that are ready to ride
Jun-04	RIDDEN & REVIEWED	190	KENDON STAND UP BIKE LIFT	Just stand it in the corner when you don't need it
Jun-04	CLASSIC AMERICAN IRON	242	1912 POPE	The motorcycle of AMA Chapter 6

Jul-04	HANDBOOK	16	SHIFTING GEARS	Polish & show or ride & go
Jul-04	HANDBOOK	18	TAKING AIM	244 and counting
Jul-04	HANDBOOK	20	RIDING SKILLS	Hitch 'em up & head 'em out
Jul-04	NUTS & BOLTS	28	HOW IT WORKS: BALANCING & BLUEPRINTING	What they are and what they do for you
Jul-04	NUTS & BOLTS	34	TECHLINE: OILING & OIL FILTRATION	Part I: Oiling issues on Twin Cams
Jul-04	NUTS & BOLTS	44	FIVE-IN-FOUR TRANNY BUILD	Part I: Building the gearset for a five-speed for shovelheads
Jul-04	THUNDER ALLEY	52	RIDE, TRAILER & RIDE	Morri's 116" rider-friendly Pro-Street
Jul-04	HANDBOOK	60	OPERATION COLUMBIA RIVER BASIN	Finding the Basin's best roads
Jul-04	HOTTEST CUSTOM IRON	68	BAGGER DRAGGER	Chris Crowe's flaming red Road Glide
Jul-04	RIDDEN & REVIEWED	76	2004 SPORTSTER 1200 CUSTOM	Rebirth of a hot rod
Jul-04	HOTTEST CUSTOM IRON	82	HARDCORE EUROTRASH	Ford's Cal-Tex-Berlin bike
Jul-04	HOTTEST CUSTOM IRON	90	BAR NONE	Tribal Motorworks bobber
Jul-04	HANDBOOK	96	CUSTOM AMERICAN IRON DAYTONA RALLY	Our first custom show at the Daytona International Speedway
Jul-04	HOT XL	102	ROOFER BUDGET BUILD	Three winters and the moving money was all it took
Jul-04	HOT XL	110	30-YEAR MACHINE	Jack just keeps changing it every couple years
Jul-04	HANDBOOK	118	CLASSIC AMERICAN IRON DAYTONA RALLY	Our 2004 Daytona show at the Daytona International Speedway
Jul-04	HOTTEST CUSTOM IRON	124	MURPHY'S LAW	As well as Louis Murphy's 2001 Fat Boy
Jul-04	HANDBOOK	128	AMERICAN IRON CALENDAR	
Jul-04	INDIAN ILLUSTRATED	130	1914 ONE-YEAR-ONLY INDIAN	Indian's first electric-starter model
Jul-04	THUNDER ALLEY	136	93" ON THE CHEAP	Part II: How to build a 93" Evo on a budget
Jul-04	NUTS & BOLTS	146	HOG HELPLINE	Belts, tires, dipsticks, and starter clutches
Jul-04	NUTS & BOLTS	150	MOTOFX BIGDO	An easy-to-install, built-in, garage door opener
Jul-04	NUTS & BOLTS	154	CHECKING A BIKE	How to give a used machine the once-over
Jul-04	RIDDEN & REVIEWED	162	ULTRA CLASSIC LEATHER	A great middleweight jacket from The Motor Company

Jul-04	RIDDEN & REVIEWED	163	K&L CENTER JACK	A must-have tool for the home or professional mechanic
Jul-04	THUNDER ALLEY	164	ASK TOM	Carbs, kit bikes, and 95" kits
Jul-04	RIDDEN & REVIEWED	167	RED WING BOOTS	Engineer boots with a bit more style
Jul-04	CLASSIC AMERICAN IRON	234	1935 VLD FLATHEAD	A machine that represents Art Deco influences on a motorcycle design
Aug-04	HANDBOOK	14	TAKING AIM	This issue & Snaps changes
Aug-04	HANDBOOK	16	SHIFTING GEARS	Wing in a sling & other things
Aug-04	HANDBOOK	16	HARLEY HERITAGE	Frankenstein bikes
Aug-04	NUTS & BOLTS	26	HOW IT WORKS: COMPRESSION TESTS	How to do them and what the numbers mean
Aug-04	NUTS & BOLTS	32	TECHLINE: OILING & OIL FILTRATION	Part II: Oiling issues on Twin Cams
Aug-04	NUTS & BOLTS	42	UPGRADE ITS BRAKES AND LOOKS	Installing GMA front brakes, discs, and wheel
Aug-04	THUNDER ALLEY	48	A BEAUTY AND A BEAST	Mike Ballew's supercharged custom
Aug-04	HANDBOOK	56	CRUISING THE KEYS	A quest for coral, conch, and kitsch
Aug-04	HOTTEST CUSTOM IRON	64	RANDY'S SHOVEL	12 years later it still looks great!
Aug-04	RIDDEN & REVIEWED	72	2004 BLACKHAWK 240	Taking flight in Daytona on Thunder Mountain Custom's newest
Aug-04	HOTTEST CUSTOM IRON	76	SODOM	A bike with no visible rear drive or brake system
Aug-04	THUNDER ALLEY	84	HOT HEADTURNER	Walt's Bourget Pyhton keeps him cool even in Vegas
Aug-04	RIDDEN & REVIEWED	92	CENTER OF ATTENTION	Motor Trike's V-Rod trike
Aug-04	HOTTEST CUSTOM IRON	96	GOTHIC APES	Montreal Chopper's iron warrior is ready to take on the competition
Aug-04	HANDBOOK	104	OUR AMERICAN IRON BIKE SHOWS	Two free bike shows in Sturgis 2004
Aug-04	HOT XL	106	LEOPARD	Hope's ever changing custom Sportster
Aug-04	HOTTEST CUSTOM IRON	114	CLASS OF '74	Red Richard's elegant 1974 FLP Shovelhead
Aug-04	CLASSIC AMERICAN IRON	118	SHINY & RUSTY CLASSIC IRON	The 2004 AMCA meet in Eustis, Florida
Aug-04	HANDBOOK	124	AMERICAN IRON CALENDAR	
Aug-04	INDIAN ILLUSTRATED	126	INDIAN BOBBER	This ain't your grandfather's 101

Aug-04	CLASSIC AMERICAN IRON	132	PROJECT RUSTORATION	Part I: A 1924 Harley gets a face lift
Aug-04	NUTS & BOLTS	138	FIVE-IN-FOUR TRANNY	Part II: Finishing the build and bolting it into a Shovelhead
Aug-04	NUTS & BOLTS	148	PRIMARY ISSUES	How to check and adjust the primary chain on a Big Twin
Aug-04	HANDBOOK	154	AIM LIBRARY: AMERICAN POLICE MOTORCYCLES	A photo history
Aug-04	RIDDEN & REVIEWED	156	H-D'S SHIFTER LEATHER JACKET	Epitomizing the image of smoothness
Aug-04	RIDDEN & REVIEWED	157	TOURMASTER PANTS	Staying dry, no matter how much water comes your way
Aug-04	HOT XL	158	SPORTSTR CORNER	Hop-ups, emissions, and disc brakes
Aug-04	RIDDEN & REVIEWED	164	TRAILER-IN-A-BAG	All it takes is about 15 minutes to assemble
Aug-04	THUNDER ALLEY	166	93" ON THE CHEAP	Part III: How to build a 93" Evo on a budget
Aug-04	NUTS & BOLTS	171	ASK THE EXPERTS	Lowering kits and speedo blues
Aug-04	CLASSIC AMERICAN IRON	234	1962 XLCH Sportster	Karl's 107,000-mile machine has been to Europe three times
Sep-04	HANDBOOK	30	SHIFTING GEARS	Fat & fast, plus filter factoids
Sep-04	HANDBOOK	32	TAKING AIM	Our biggest issue ever
Sep-04	HANDBOOK	36	FRINGE ELEMENT	Memories or shiny paint?
Sep-04	NUTS & BOLTS	42	HOW IT WORKS: EPA REGS & YOU	What EPA's Control of Emissions From Highway Motorcycles means to you
Sep-04	NUTS & BOLTS	52	TECHLINE: OILING & OIL FILTRATION	Part III: Does all the engine oil go through the oil filter on every pass?
Sep-04	THUNDER ALLEY	60	H&L'S 131" MONSTER MOTOR	Part I: Building a 140-horsepower, 145 ft-lb. screamer
Sep-04	NUTS & BOLTS	66	BIKER'S CHOICE BIKE-IN-A-BOX	Model cement not required
Sep-04	RIDDEN & REVIEWED	76	2005 103" SCREAMIN' EAGLE FAT BOY	What it's got and how it rides
Sep-04	HOTTEST CUSTOM IRON	84	MEAN GREEN MACHINE	Kenji builds choppers with a Japanese twist
Sep-04	HANDBOOK	92	LAUGHLIN 2004	There's always lots to do and see during the West's biggest event
Sep-04	HOTTEST CUSTOM IRON	100	CRIMSON CRUISER	Building a bike for dad isn't always easy
Sep-04	RIDDEN & REVIEWED	108	SWIFT'S 2004 BAR CHOPPER CSF	Ready for a night on the town or a day on the highway.
Sep-04	THUNDER ALLEY	114	PEREWITZ OF THE CARIBBEAN	Cycle Fab builds an Aruba-bound custom

Sep-04	HOTTEST CUSTOM IRON	122	1928 SHOVELHEAD	From Mexican patrol to old-school cruiser
Sep-04	HANDBOOK	130	SCOOTING NOVA SCOTIA	Traveling the back roads of my youth
Sep-04	HOTTEST CUSTOM IRON	138	FATBOOK BIKE	What you can build using just the Drag Specialties catalog
Sep-04	HANDBOOK	146	DISCOVERY'S WORLD BIKER BUILD-OFF	Crowning a king at the Rat's Hole Show
Sep-04	HOT XL	152	STREETFIGHTER	Combining Sportster/Buell power with Metzeler's 280 tire
Sep-04	RIDDEN & REVIEWED	160	2004 VIPER DIABLO	A great around-town blaster
Sep-04	HOT XL	164	THE VISION	It took almost 40 years, but Jim finally built it
Sep-04	INDIAN ILLUSTRATED	170	A STAR IS BORN	Jim's flaming red Chief
Sep-04	HANDBOOK	176	AMERICAN IRON CALENDAR	
Sep-04	HOTTEST CUSTOM IRON	178	IT'S ALL AN ILLUSION	David Prescott's Twin Cam/Panhead bagger
Sep-04	RIDDEN & REVIEWED	182	LINK QUICK-LOCK TOOL SETS	The missing link to my tool collection
Sep-04	RIDDEN & REVIEWED	184	HARLEY'S HELMET BAG	Protect what protects you
Sep-04	HANDBOOK	186	AIM LIBRARY: HOW TO SET UP YOUR MOTORCYCLE WORKSHOP	This second-edition book is full of helpful info
Sep-04	CLASSIC AMERICAN IRON	190	PROJECT RUSTORATION	Part II: Sorting Out Buzz's 1924 Harley
Sep-04	NUTS & BOLTS	198	CHAINS & BELTS	Adjusting and aligning your secondary drive
Sep-04	NUTS & BOLTS	204	SPEEDO BLUES AND HIGH RPM	
Sep-04	NUTS & BOLTS	207	A BREEZE FOR YOUR KNEES	Installing Hoppe's AirMax lower fairing vents
Sep-04	THUNDER ALLEY	212	ASK TOM	Bearings, knocks, and making power
Sep-04	CLASSIC AMERICAN IRON	276	1955 H-D FLF PANHEAD	It took 20 years, but Loren finally found his birthday bike
Oct-04	HANDBOOK	18	SHIFTING GEARS	Harley-Davidson -- Design leader or follower?
Oct-04	HANDBOOK	20	TAKING AIM	Discovery comes to Gotham
Oct-04	HANDBOOK	22	RIDING SKILLS	Just because you can ...
Oct-04	NUTS & BOLTS	28	HOW IT WORKS: HOW TO BUY A NEW HARLEY	Some things you should think about before forking over your cash
Oct-04	NUTS & BOLTS	34	TECHLINE: PERFORMANCE & WARRANTIES	Some recommendations about performance upgrades

Oct-04	THUNDER ALLEY	44	H&L'S 131" MONSTER MOTOR	Part II: Building a 140-horsepower, 145 ft-lbs. Screamer
Oct-04	HOTTEST CUSTOM IRON	52	DISCOVERY'S WORLD BIKER BUILD-OFF	Martin Bros. Chopper takes home the win
Oct-04	HOTTEST CUSTOM IRON	60	DREAM CITY CRUISER	Jimmy Vasser's Vegas showstopper
Oct-04	RIDDEN & REVIEWED	68	TITAN'S RUBBER MOUNT SRC	A 124"-powered big boy chopper
Oct-04	HOTTEST CUSTOM IRON	74	VICTORY VEE	Arlen Ness' Victory chopper
Oct-04	HANDBOOK	82	ROLLING THUNDER XVII	The 2004 run to The Wall
Oct-04	HOTTEST CUSTOM IRON	90	HARDCORE	Germany's Marcus Walz and his sleek machines
Oct-04	HANDBOOK	98	THE MAINE EVENT	Motoring Maine's Highway 1 from Portland to Bar Harbor
Oct-04	HANDBOOK	106	THE 2005 HARLEY-DAVIDSONS	H-D lights the way with four new bikes & many updates
Oct-04	HOTTEST CUSTOM IRON	122	COOKIE'S CUTTER	Ed Halle's Candy Apple Red bagger
Oct-04	HANDBOOK	128	WILLIE G., KAREN & BILL DAVIDSON SPEAK OUT	
Oct-04	THUNDER ALLEY	132	MEDUSA	Mike's 124" Twin Cam-powered Nasi custom
Oct-04	HOT XL	138	FAT TIRE SPORTSTER	Nick built his bike around the 230 rear tire
Oct-04	HOT XL	144	BUILT TO FIT	Doug Hanson's made-to-measure Sportster
Oct-04	INDIAN ILLUSTRATED	150	1939 INDIAN FOUR	Piecing together a bike with the help of lady luck
Oct-04	HANDBOOK	154	AMERICAN IRON CALENDAR	
Oct-04	INDIAN ILLUSTRATED	156	INDIAN MOTORCYCLE BOUGHT	Stellican Limited, owners of Chris-Craft boats, buy brand
Oct-04	NUTS & BOLTS	158	PERFORMANCE SHIFTER UPGRADE	Installing BAKER's reverse shifter assembly and billet steel forks
Oct-04	CLASSIC AMERICAN IRON	160	PROJECT RUSTORATION	Part III: Getting our 1924 Harley on the road
Oct-04	NUTS & BOLTS	164	CLEAR THE AIR (& OIL)	Upgrade your stock filters with K&N units
Oct-04	RIDDEN & REVIEWED	168	H-D'S LIGHTWEIGHT FXRG	A leather jacket that's made right
Oct-04	HANDBOOK	169	AI LIBRARY: LIKE TO DRAW?	The Eric Hermann story
Oct-04	RIDDEN & REVIEWED	170	CUSTOMS ON THE OPEN ROAD	Switchback T-Bagging
Oct-04	HOT XL	171	SPORTSTER CORNER	Speedo, ignition, and jetting

Oct-04	NUTS & BOLTS	178	HOG HELPLINE	Oil loss, pulls, and charging systems
Oct-04	CLASSIC AMERICAN IRON	234	1915 MIAMI POWER BICYCLE	A rare machine from its owner's hometown
Nov-04	HANDBOOK	16	SHIFTING GEARS	The buck doesn't stop here
Nov-04	HANDBOOK	18	TAKING AIM	NYC & a whole lot more
Nov-04	HANDBOOK	20	HARLEY HERITAGE	Collecting old motorcycles
Nov-04	NUTS & BOLTS	28	HOW IT WORKS: PACKING POINTERS	How and what you pack can make or break a trip
Nov-04	NUTS & BOLTS	38	TECHLINE: CARBURETORS	Part I: Fuel system components
Nov-04	NUTS & BOLTS	46	REGENCY UP FRONT	Installing CCI'S huge 58mm inverted front end
Nov-04	HOTTEST CUSTOM IRON	54	FAST PITCH	Dee's New York Yankee Bike
Nov-04	HOTTEST CUSTOM IRON	62	RED SLED	Beth's shmokin' FXR
Nov-04	HANDBOOK	70	LACONIA 2004	The oldest one in the land
Nov-04	THUNDER ALLEY	76	SKINTIGHT	Dale and his machine are brothers under the skin
Nov-04	HANDBOOK	84	BREEZIN' THROUGH THE BAYOU	Cruising in Cajun Country
Nov-04	HOTTEST CUSTOM IRON	92	TWISTED MACHINE	Dee Snider's biomechanical Bourget
Nov-04	HOTTEST CUSTOM IRON	100	24 YEARS LATER	Dianne finally gets a customized bagger
Nov-04	HANDBOOK	108	THE 2005 BUELLS	Erik Buell delivers a knockout with his newest hooligan streetfighter
Nov-04	HOT XL	114	SIX-DAY DEAL	Beau's built-for-Sturgis Sportster
Nov-04	RIDDEN & REVIEWED	122	2005 BUELL LIGHTNING XB12Scg	For smaller riders who always wanted something a step above a cruiser in performan
Nov-04	INDIAN ILLUSTRATED	126	1946 INDIAN CHIEF	Ira's time machine
Nov-04	HANDBOOK	132	AMERICAN IRON CALENDAR	
Nov-04	NUTS & BOLTS	134	BARNETT'S SCORPION CLUTCH	Solid engagement, smooth release, and adjustable spring pressure
Nov-04	RIDDEN & REVIEWED	140	SPECTER ROAD BOOTS	Wet, dry, hot, or cold, these boots have kept my feet happy for many miles
Nov-04	RIDDEN & REVIEWED	141	H-D'S PERFORATED LEATHER GLOVES	A set of warm weather riding gloves that has you covered
Nov-04	NUTS & BOLTS	142	EVO CARB & CLEANER UPGRADE	Trock rebuilds and upgrades a CV carb, which gets a new SE air cleaner

Nov-04	CLASSIC AMERICAN IRON	150	PROJECT RUSTORATION	Part IV: Down the road on our 1924 Harley
Nov-04	THUNDER ALLEY	152	ASK TOM	Stokers, torque, and a wake up call
Nov-04	NUTS & BOLTS	156	HOG HELPLINE	Oil leaks, fuel gauges, and idles speeds
Nov-04	RIDDEN & REVIEWED	160	MUSTANG'S SUPER TOURING SEAT	Replacing the saddle on my 1993 FXRP
Nov-04	HANDBOOK	161	ORIGINAL H-D KNUCKLEHEADS	You know you love 'em
Nov-04	CLASSIC AMERICAN IRON	218	1937 HARLEY-DAVIDSON UL	Merritt's Big Flatty, complete with sidecar
Dec-04	HANDBOOK	18	SHIFTING GEARS	Our full schedule is never quite full
Dec-04	HANDBOOK	20	TAKING AIM	Lots of chops, tech & more
Dec-04	HANDBOOK	22	FRINGE ELEMENT	Ride-in show or ride and show?
Dec-04	NUTS & BOLTS	30	HOW IT WORKS: NO BREATHER GEAR NEEDED	TP's engines do not use a conventional breather gear setup
Dec-04	NUTS & BOLTS	34	TECHLINE: CARBURETORS	Part II: Fuel system components
Dec-04	NUTS & BOLTS	42	2005 DAYTONA GIVEAWAY BIKE	Part I: S&S builds us a polished 96" engine
Dec-04	HOTTEST CUSTOM IRON	54	SO. KAL SPEEDSTER	The Watkins Boyz build another winner
Dec-04	HANDBOOK	62	FROM SURF CITY TO THE CITY BY THE BAY	Cranking a little California coastline
Dec-04	HOTTEST CUSTOM IRON	68	GOLDBERG'S RIDE	The WWF pro wrestling star's newest Jesse James chopper
Dec-04	HANDBOOK	76	2004 STURGIS MOTORCYCLE RALLY	You had to be there ... or not
Dec-04	THUNDER ALLEY	82	FLYING LOW	Terry's Street Wize Daytona Pro-Street
Dec-04	HANDBOOK	90	OUR 2004 STURGIS BIKE SHOWS	Where customs and classics come to play
Dec-04	HOTTEST CUSTOM IRON	98	RIDDEN OFTEN	Expensive, pretty, but definitely not garage jewelry
Dec-04	RIDDEN & REVIEWED	106	2005 XL SPORTSTER 883L	A Sportster for riders of small stature
Dec-04	HOTTEST CUSTOM IRON	110	ALLEY CAT	Odette's long and low Rider
Dec-04	RIDDEN & REVIEWED	116	ECHELON ELITE RIGID CHOPPER	Long, low, sleek, and powerful
Dec-04	HOT XL	118	THE DREAMZYCLE	Ben's radical backyard-built Sportster
Dec-04	INDIAN ILLUSTRATED	126	CRAZY HORSE	Bill Egger's 1950 Indian Chief

Dec-04	HANDBOOK	130	AMERICAN IRON CALENDAR	
Dec-04	NUTS & BOLTS	132	SIMPLE CHOPPER BUILD	Part I: Bolting on a springer front end and fork stop kit
Dec-04	NUTS & BOLTS	136	BALANCE MASTERS	Taming vibration, one engine at a time
Dec-04	HOT XL	138	SPORTSTER CORNER	Part I: Engine Combos
Dec-04	NUTS & BOLTS	142	HOG HELPLINE	Clutch, kill, tire, and tank issues
Dec-04	HANDBOOK	145	AIM LIBRARY: BARGAIN CHOPPIN'	How to chop for cheap
Dec-04	RIDDEN & REVIEWED	146	H-D'S PULLOVER FLEECE	A good choice for cold weather riding
Dec-04	HOTTEST CUSTOM IRON	148	GOLD RUSH	Ned Lee's '57 Panhead chopper
Dec-04	RIDDEN & REVIEWED	152	GATORZ GLASSES	Checking out the Radiator and Raptor
Dec-04	CLASSIC AMERICAN IRON	218	RUSTY BUT TRUSTY	Unlocking the mystery of my 1924 JD