

In the following index, which covers Volume 20 of *Skinned Knuckles*, each subject listing is followed by three numbers (for a single listing) or a series of three numbers (for multiple listings). In every case the first number is the Roman numeral XX, which designates volume number 20; the second number indicates issue number; and the third number is page number. Example: FREEZE PLUGS, XX-1-21. The subject or topic is Freeze Plugs, and information on this subject can be found in Volume 20, issue 1, on page 21. Subjects listed include feature articles and major topics covered in various columns such as "Restoration Forum," "Shop Kinks," etc.

- ABRASIVES, CRAYTEX, XX-4-11
 AEROSOL CANS, REPRESSURIZING, XX-1-30, XX-2-40, XX-3-17, XX-4-30, XX-5-32
 AIR CONDITIONING, XX-9-22, XX-11-30
 AIR/FUEL RATIO ANALYZER, XX-4-30
 AIR INJECTION DEVICE, XX-1-32
 ANGLIN, GEORGE W., XX-7-22
 ANTI-THEFT SYSTEMS, XX-5-17
 ARTZBERGER, BILL, XX-5-22, XX-7-21, XX-11-26
 ASELTINE, ARTHUR, XX-7-25
 AUTOMATIC DRIVE CARS THRU 1954, HOW TO PUSH AND TOW, XX-8-17
 AUTOMOBILE INDUSTRY, CENTENNIAL OF U.S., XX-6-3, XX-10-3
 BEARINGS, HANDLING ROLLER, XX-11-23
 BICOLL, NORTON J., XX-7-21
 BILL OF SALE CONTRACT, XX-4-18
 BOOK REVIEWS
 America's 100 Year Love Affair with the Automobile, XX-7-30
 Chevrolet Parts Interchange Manual 1959-1970, XX-8-26
 Complete Ford Flathead V8 Engine Manual, XX-7-30
 Ford Parts Interchange Manual 1959-1970, XX-8-26
 How to Maintain and Enjoy Your Collector Car, XX-7-30
 BRAKE FLUID, DOT 5, XX-2-44, XX-4-29, XX-4-33, XX-6-35
 BRAKES
 Chevrolet, Powerglide Emergency Brake, XX-5-31
 GM, Parking Brake Cable Removal, XX-5-31
 Master Cylinder Check Valves, XX-5-31
 Shoe Clearance, Importance of, XX-6-15
 BRAZE WELDING, XX-5-3, XX-7-32
 BRIGHAM, RICHARD, XX-4-6
 BRISTOL, XX-3-9
 BUFFING SMALL PARTS, XX-6-23, XX-7-32
 CANNON, BILL, XX-1-11, XX-1-15, XX-3-17, XX-4-11, XX-4-19, XX-5-11, XX-6-11, XX-6-23, XX-7-11, XX-8-12, XX-9-16, XX-11-3, XX-12-3
 CAR CLUBS, XX-5-2
 CAR HUNTING, XX-9-3
 CAR MEETS, XX-5-10, XX-5-22, XX-11-26
 CARBURETORS
 Fish, XX-6-12
 Pogue, XX-6-11, XX-8-12
 Rayfield, XX-1-31, XX-3-31
 Stromberg Type U, XX-11-3
 CARS, CALIFORNIA, XX-5-8
 CARS, CELEBRITY, XX-5-8
 CARS, MODIFIED, XX-4-3, XX-8-27
 CATALYTIC CONVERTER, XX-1-11
 CHAPMAN, COLIN, XX-6-7, XX-7-8, XX-8-8, XX-9-12
 CHARLOTTE SWAP MEET, XX-11-26
 CITROEN 2CV, XX-11-17
 CLUBS, CAR, XX-5-2
 CLUTCH
 Chatter, XX-7-15, XX-10-30
 Ford FWD, XX-3-26, XX-4-21
 Problem Diagnosis, XX-4-25
 Troubles, Diagnosing Single-Plate, XX-4-23
 COHN, CHARLES E., XX-2-36
 COLORTUNE, GUNSON, XX-1-15, XX-2-41, XX-3-32
 COOLANT ADDITIVES, XX-2-41, XX-4-32, XX-8-20, XX-10-11, XX-11-31
 COOLING SYSTEM OVERHEATING, XX-12-9
 CRAYTEX ABRASIVES, XX-4-11
 CUTTING OILS, XX-12-4
 DAVIS, JACK E., XX-10-28, XX-11-17
 DEPKIN, CHARLES E., XX-5-29
 DETAILING, AUTO, XX-10-17
 DEVCON FLEXANE, XX-10-31
 DEX-COOL, XX-8-20, XX-10-11
 DIAL CYLINDER GAUGE, XX-4-19, XX-5-33
 DISTRIBUTOR CAP, WORN CARBON PLUG, XX-6-31
 DOES YOUR OLD CAR OVERHEAT?, XX-12-9
 DOME LIGHT LENS, MANUFACTURE YOUR OWN, XX-7-29
 ELECTRICAL SHOCK ACCIDENTS, XX-3-20
 ELECTRICAL SYSTEMS, 6 VOLT CONVERSION TO 12, XX-4-3, XX-8-27, XX-10-29, XX-11-31, XX-11-32
 EMISSION SYSTEM, RETROFIT FOR OLDER VEHICLES, XX-11-11
 ENGARD, MICHAEL W., XX-12-25
 ENGINES
 Air-Cooled, XX-3-2, XX-5-33
 Balancing, XX-1-32, XX-6-33
 Block and Head Prep, XX-7-26
 Cart for VW and Porsche, XX-2-18
 Chevy and GMC, Rebuilding for Performance, XX-2-40
 FACEL VEGA, XX-4-7
 FIRE EXTINGUISHERS, XX-1-33
 FOX, MANLEY, XX-5-29
 FREEZE PLUGS, XX-1-21
 FUEL SYSTEM
 Fuel Pump Troubles, XX-5-15
 Problem, XX-1-32
 GARCIA, JORGE, XX-12-25
 GASKETS, XX-5-11, XX-7-11, XX-12-30
 GASOLINE, REFORMULATED, XX-1-23, XX-8-2, XX-8-28, XX-10-29, XX-11-31, XX-11-32, XX-12-30
 GAUGE, DIAL CYLINDER, XX-4-19, XX-5-33
 GEAR LUBRICANTS, SYNTHETIC, XX-8-29
 GIBBS OIL, XX-6-33
 GUNSON MOTORING ACCESSORIES, XX-1-15, XX-2-41, XX-3-32
 HAND SOAP RECIPE, XX-4-17
 HANEY, MARK E., XX-7-2
 HARTJE, RICHARD A., XX-7-23,

XX-10-27, XX-12-26

HEATERS

Motorola Gasoline, XX-1-31
Prewar Car, Servicing, XX-1-18
HELMKAY, NORM, XX-3-2, XX-5-2,
XX-6-26, XX-9-27, XX-10-2, XX-12-2
HENNIG, FRITZ, XX-4-17, XX-5-19,
XX-6-20, XX-7-27, XX-8-16, XX-9-19,
XX-10-19, XX-11-13, XX-12-20
HERSHEY SWAP MEET, XX-5-22
HINGE SPRING TOOL, XX-1-30
HOLMES, MIKE, XX-12-19
HORN RELAYS, XX-8-14
HUTCHERSON, HARRY, XX-10-9,
XX-10-27, XX-11-28

IGNITION, SMALL ENGINE, XX-12-23

JACKS

Hydraulic, Servicing, XX-1-31,
XX-2-40, XX-3-32
Non-Hydraulic Floor, XX-4-29

JAGUAR

Mark II, XX-10-9, XX-11-28
XK120, XX-12-19
JAHRAUS, GLEN, XX-3-30
JOSEPH, MATT, XX-1-3, XX-2-3,
XX-3-3, XX-4-3, XX-5-3, XX-6-3,
XX-7-3, XX-8-3, XX-9-3, XX-10-3,
XX-12-29

KAT MICRO EMISSION SYSTEM,
XX-11-11

KEENAN, ROLAND W., XX-9-30
KEYS AND LOCKS, CAR, XX-1-25,
XX-9-19, XX-10-19, XX-11-13,
XX-12-20

KING, CARL, XX-9-29
KING MIDGET, XX-9-27
KNUTSEN, LOREN, XX-3-29
KUERZI, JOHN, XX-1-5, XX-2-14,
XX-3-9, XX-4-7, XX-5-8, XX-6-7,
XX-7-8, XX-8-8, XX-9-12, XX-10-6,
XX-12-5

LA JEUNESSE, IVAN, XX-2-34,
XX-7-26

LAZAROWICH, OREST, XX-1-27,
XX-2-24, XX-3-26, XX-4-21, XX-5-25,
XX-6-17, XX-7-17, XX-8-22, XX-9-9,
XX-10-13, XX-11-20, XX-12-17

LEVERENZ, PAUL, XX-7-24
LIGHTING RELAYS, XX-8-14
LIGHTS, DAYTIME RUNNING,
XX-10-2, XX-11-30

LOCKS AND KEYS, CAR, XX-1-25,
XX-9-19, XX-10-19, XX-11-13,
XX-12-20

LOHSE, ARLEN, XX-9-30
LOTUS, XX-6-7, XX-7-8, XX-8-8,
XX-9-12, XX-10-6, XX-12-5

LOUGHEED, VICTOR, XX-3-2, XX-12-2
LUBRICATION

Castor Oil, XX-8-29
Gear Oils, Synthetic, XX-8-29
Tip, XX-4-17
LULA, JAMES W., XX-1-23
LUND, TOM, XX-11-29

MANIFOLD VACUUM, XX-12-13
MARVEL MYSTERY OIL, XX-12-31
MELITA, JOE, XX-11-7
METAL CUTTING, XX-2-3
MOM'S SHOP TIPS, XX-2-38
MOODY, JOHN A., XX-12-23
MORRILL, WENDELL, XX-7-24
MOTOR MOUNTS, CHECK THOSE,
XX-4-15

NITROUS OXIDE, XX-2-2, XX-4-29
NOBLE, BILL, XX-1-25
NO-ROSION, XX-8-21, XX-10-11
NUTS & BOLTS MADE
- COMPLICATED, XX-11-7
NUTS, LOOSENING/TIGHTENING
TRICK, XX-4-28

OIL

Gibbs, XX-6-35
Marvel Mystery, XX-12-31
OIL CONSUMPTION, CHECKING
HIGH, XX-2-21, XX-6-32
OPATOWSKY, LEE, XX-1-24
OXYGEN SENSORS, XX-10-23,
XX-11-35, XX-12-29

PCV SYSTEMS, XX-3-31, XX-4-32,
XX-8-30, XX-10-29

PENETRATING OILS, XX-6-33,
XX-10-31, XX-12-3

PERMATEX "RIGHT STUFF,"
XX-12-30

POLING, HUGH, XX-10-23
POLISHING SMALL PARTS, XX-4-11
PORSCHÉ ENGINE CART, XX-2-18
PYROMETER, XX-3-13
PYRO-PUTTY 2400, XX-9-16

RADIO, CAR, XX-1-2, XX-2-28,
XX-6-7, XX-8-29
RESTORATION RESEARCH, XX-1-3
RIMS, SPLIT, XX-8-30
ROAD TRIP TO REMEMBER, A,
XX-12-19
ROLLER BEARINGS, HANDLING,
XX-11-23
ROMBERG, ARNOLD, XX-2-39

SCHULZ, DANIEL R., XX-2-28
SIURU, BILL, XX-2-18, XX-3-13,
XX-3-20, XX-5-17, XX-8-20, XX-9-22,
XX-10-11, XX-10-17, XX-11-11,
XX-12-15

SKYRMAN, WALLY, XX-11-28
SOLDERING, XX-3-3
STEERING WHEEL SPINNER, XX-8-16
SWAP MEET
Charlotte, XX-11-26
Hershey, XX-5-22
Peccadillos, XX-7-2
SYPHON, STARTING A, XX-1-30

THEFT, CAR, XX-5-17
TIMING TOOL, XX-5-31
TIRES
Inner Tubes, Care of, XX-6-21
Mount, How to, XX-6-22

Rims, Split, XX-8-30
TOP DEAD CENTER, XX-12-31
TRANSAXLE, GM FWD MANUAL,
XX-1-27, XX-2-24
TURN SIGNAL AMPLIFIER, XX-5-31
TUTHILL, JOHN, XX-4-28, XX-7-23

ULTRA VAN, XX-6-26

VALVE LIFTERS, EARLY
HYDRAULIC, XX-3-23
VALVE SPRING/SEAL REPLACE-
MENT WITHOUT HEAD REMOVAL,
XX-5-31
VALVE SPRING PRESSURE,
CHECKING, XX-2-38
VOLKSWAGEN BEETLE
Battery and Starter, XX-11-20
Bearings, Front Wheel, XX-7-17
Brake Service, XX-7-17
Control Linkages, XX-9-9
Engine Cart, XX-2-18
Generator and Alternator, XX-12-17
History, XX-1-5, XX-2-14
Lubrication, XX-6-17
Maintenance Checks, XX-5-25
Service, Routine, XX-6-17
Steering Adjustments, XX-8-22
Tune-up, XX-10-13

WAY IT WAS, IN PRINT, XX-12-2
WEBB, MILTON J., XX-12-9

WELDING

Braze, XX-5-3, XX-7-32
MIG (GMAW), XX-8-6
Spot (Resistance), XX-8-3
Stick (SMAW), XX-7-6
TIG (GTAW), XX-8-5
Torch (Gas), XX-7-4
WHAT WENT WRONG?
Backfiring Problem, XX-7-23
Brake Problem, XX-5-29
Coil Problem, XX-7-21
Distributor Problem, XX-3-30,
XX-5-32, XX-10-27
Electrical Problem, XX-9-30
Engine Miss, XX-11-29
Engine Quits, XX-7-24
Fuel System Problem, XX-2-39,
XX-7-22, XX-7-25, XX-12-25
Inertia Switch, XX-12-25
Kawasaki Motorcycle Problem,
XX-5-29, XX-6-32
Noise Under Car, XX-1-24
RV, Misc. Problems, XX-10-28
Starter Solenoid, XX-7-23
Starting Problem, XX-4-28, XX-12-26
Steering, Heavy, XX-11-28
Transmission Torque Converter,
XX-7-24
WHEEL DIMENSIONS, MEASURING,
XX-12-15
WHEEL FIXTURES, SPLIT RING,
XX-4-28
WILSON, FRANK, XX-2-31
WINDSHIELD WIPER FIX, XX-7-29
ZAMPA, FRED, XX-11-7