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CLEAR THROUGH TO THE FACTS



AUTOMotive | Forensics

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PASSIVE VEHICLE SECURITY SYSTEMS

T = Transponder immobilizer system: system must detect proper transponder value from chip in key in order to start engine

V = VATS/PASS-Key II system: system must detect proper resistance value in key in order to start engine

P = Passlock system: system must detect proper R-code within ignition lock (or ignition switch) to start engine. Does NOT have chip in key

ACURA

- T CL series (98-03)
- T Integra (00-01)
- T MDX (01-09)
- T NSX (97-05)
- T RDX (ALL)
- T RL series (96-09)
- T RSX (02-06)
- T TL series (99-09)
- T TSX (04-09)

AUDI

- T ALL models (02-09) (early 02 A4's may not have)
- T A6 (01)
- T A8 (00-01)
- T TT (late 00-01 may be equipped)

BMW

- T ALL models (95-09)
(Early 95's, particularly w/94 prod. date, may

BUICK

- V Century (97-05)
- T Enclave (ALL)
- T LaCrosse (ALL)
- V LeSabre (92-99)
- T LeSabre (00-05)
- T Lucerne (06-09)
- V Park Avenue (91-96)
- T Park Avenue (97-05)
- P Rainier (ALL)
- V Reatta (90-91)
- V Regal (94-04)
- V Riviera (90-99)
- V Roadmaster (94-96)
- T Rendezvous (01-07)
- P Skylark (96-98)
- T Terraza (ALL)

CADILLAC

- V Allante (89-93)
- V Brougham (93-96)
- T Catera (97-01)
- T CTS (03-09)
- T DTS (06-09)
- V Deville (90-99)
- T Deville (00-05)
- V Eldorado (89-02)
- P Escalade (ALL) (99-06)
- T Escalade (ALL) (07-09)
- V Seville (89-97)
- T Seville (98-04)
- T SRX (04-09)
- T STS (05-09)
- T XLR (ALL)

CHEVROLET

- P Astro (98-05)
- P Avalanche (02-06)
- T Avalanche (07-09)
- T Aveo (04-09) optional
- P Blazer (98-05)
- P C/K / Silverado (98-06)
- P C/K / Silverado (07) CLASSIC model only
- T C/K / Silverado (07-09)
- V Camaro (89-02)
- V Caprice/Impala (94-96)
- P Cavalier (95) Z24 model
- P Cavalier (96-05) ALL models
- P Classic (Malibu) (ALL)
- T Cobalt (05)
- T Cobalt (06-09)
- P Colorado (ALL)
- V Corvette (86-04)
- T Corvette (05-09)
- P Equinox (05-06)
- T Equinox (07-09)
- P Express (98-07)
- T Express (08-09)
- T HHR (ALL)
- P Impala (00-05)
- T Impala (06-09) (fleet/police/taxi may have Passlock only)
- V Lumina (sedan) (95-00)
- P Malibu (96-03)
- P Malibu Classic (04)
- T Malibu (04-09)
- V Monte Carlo (95-99)
- P Monte Carlo (00-05)
- T Monte Carlo (06-07)
- P S10 truck (98-04)
- P Silverado (98-06)
- P Silverado (07) CLASSIC model only
- T Silverado (07-09)
- P SSR (ALL)
- P Suburban (98-06)
- T Suburban (07-09)

CHEVROLET—cont'd

- P Tahoe (98-06)
- T Tahoe (07-09)
- P Trailblazer (ALL)
- T Traverse (ALL)
- T Uplander (ALL)
- T Venture (99-04)

CHRYSLER

- T 300 (99-09)
- T Aspen (07-09)
- T Cirrus (99-00) optional
- T Concorde (98-00) optional
- T Concorde (01-04) LXI and Limited
- T Crossfire (ALL)
- T LHS (98-01)
- T Pacifica (ALL)
- T PT Cruiser (00-01) Limited, others optional
- T PT Cruiser (02-03) Limited, Touring Edition, Turbo, others optional
- T PT Cruiser (04-09) ALL models
- T Sebring Convertible (98-00) optional
- T Sebring Convertible (01-03) LXI and Limited, LX optional
- T Sebring Convertible (04-06) Touring Edition and Limited, others optional
- T Sebring Convertible (07) optional
- T Sebring Convertible (08-09) ALL models
- T Sebring 2-door coupe hardtop (01-05) ALL
- T Sebring 4-door sedan (01-03) optional
- T Sebring 4-door sedan (04-09) ALL models
- T Town & Country (01-03) optional
- T Town & Country (04-09) ALL models
- T Voyager (01-03) optional

DODGE

- T Avenger (08-09)
- T Calliber (ALL)
- T Caravan, Grand Caravan (01-03) optional
- T Caravan, Grand Caravan (04-07) optional
- T Caravan, Grand Caravan (08-09) ALL models
- T Challenger (09)
- T Charger (06-09)
- T Dakota (01-04) optional
- T Dakota (05-06) Laramie, others optional
- T Dakota (07) SLT & Laramie models, others opt.
- T Dakota (08-09) TRX, SLT, Sport, Laramie, others opt.
- T Durango (01-03) optional
- T Durango (04-06) Limited, others optional
- T Durango (07-09) ALL models
- T Intrepid (98-04) optional
- T Journey (09)
- T Magnum (ALL)
- T Neon (00-01) ES and R/T, others opt.
- T Neon (02-03) optional
- T Neon (04-06) ALL models
- T Nitro (ALL)
- T Ram 3500, 4500, 5500 non-pickup cab/chassis, (02-09) optional
- T Ram pickup (02-04) optional
- T Ram pickup (05) Laramie standard, others optional
- T Ram pickup (06) optional in ST model, standard in all other models
- T Ram pickup (07-09) ALL models
- T Sprinter (03-09) ALL (fleet vehicles may not have)
- T SRT-4 (ALL)
- T Stratus 4-door sedan (99-03) optional
- T Stratus 4-door sedan (04-06) ALL models
- T Stratus coupe (01-06) ALL
- T Viper (05-09)

DISCLAIMER: This list is meant as a guide only. It represents a starting point for determining if a vehicle is equipped with a transponder. There may be more vehicles other than those listed above which are equipped. This data may not account for mid-year introductions of transponder systems. Fleet vehicles such as police, taxi, and rental vehicles may not be equipped as listed. It is strongly recommended that actual confirmation of a transponder system in a vehicle be made during investigation of a claim. We reserve the right to change any information on this list, and disclaim any liability for damage or wrongful action resulting from the use of the list. This list will be updated frequently.

FORD

T Contour (98-01) models with V6 engine
 T Crown Victoria (98-09) fleet, police, taxi vehicles may not have
 T E-series van (08-09) optional
 T Edge (07-09) ALL
 T Escape (01-09)
 T Excursion (00-05)
 T Expedition (97-09) (some 97-98's may not have)
 T Explorer (98-09)
 T F150 pickup (99-09) ALL models
 T F250 pickup (99) light duty model only, SuperDuty model (has vertical door handle) not equipped
 T F250, F350 pickup (08) - FX4, Lariat, King Ranch, Harley Davidson models std., others optional
 T F250, F350 pickup (09) - ALL models
 T F350, F450, F550 (08-09) cab & chassis non-pickups, optional
 T F450 pickup (08-09) standard
 T Five Hundred (05-07)
 T Flex (ALL)
 T Focus (00-09)
 T Freestar (ALL)
 T Freestyle (ALL)
 T Fusion (ALL)
 T GT (05-06)
 T Mustang GT/Cobra (96-97), other 97's optional
 T Mustang (98-09) ALL
 T Ranger (99-00) models with V6 engine
 T Ranger (01-04) ALL
 T Ranger (05-06) optional
 T Ranger (07-09) ALL models
 T Sport Trac (ALL)
 T Taurus (96-99) optional
 T Taurus (00-09) ALL
 T Thunderbird (02-05)
 T Windstar (99) optional
 T Windstar (00-03) ALL

GMC

T Acadia (ALL)
 P Canyon (ALL)
 P Envoy/Envoy XL (00-09)
 P Jimmy/Envoy (98-07)
 P Safari (98-05)
 P Savana (98-07)
 T Savana (08-09)
 P Sierra (98-06)
 P Sierra (07) CLASSIC model only
 T Sierra (07-09) new body style
 P Sonoma truck (98-04)
 P Suburban (98-99)
 P Yukon/Denali (98-06)
 T Yukon/Denali (07-09)

HONDA

T Accord (98-09)
 T Civic (01-09)
 T CRV (02-09)
 T Element (03-09)
 T Fit (ALL)
 T Insight (00-06)
 T Odyssey (98-09)
 T Pilot (03-09)
 T Prelude (97-02)
 T Ridgeline (ALL)
 T S2000 (00-09)

HUMMER

P H2 (03-07)
 P H2 (08-09)
 P H3 (06-09)

HYUNDAI

T Azera (ALL)
 T Genesis (ALL)
 T Veracruz (08-09) optional

PASSIVE VEHICLE SECURITY SYSTEMS, page 2**INFINITI**

T EX35 (ALL)
 T FX35, FX45 (ALL)
 T G20 (00-02)
 T G35/G37 coupe/sedan (03-09)
 T I30 (99-01)
 T I35 (02-04)
 T M35/M45 (03-09)
 T Q45 (97-07)
 T QX4 (99-03) (some early 99's were not equipped)
 T QX56 (ALL)

ISUZU

P Ascender (03-09)
 T Axiom (03-04)
 P Hombre pickup (98-03)
 P I-series pickups (06-08)
 T Rodeo (03-04)

JAGUAR

T ALL models (00-09)
 T XJS (98-99)
 T XK8 (98-99)

JEEP

T Cherokee (99-01) optional
 T Commander (06-09)
 T Compass (ALL)
 T Grand Cherokee (99) optional
 T Grand Cherokee (00-09) ALL
 T Liberty (02-04) optional
 T Liberty (05-09) ALL models
 T Patriot (ALL)
 T Wrangler (98-01) optional
 T Wrangler (02-04) Sahara, others optional
 T Wrangler (05-06) optional
 T Wrangler (07-09) ALL models

KIA

T Amanti (ALL)
 T Borrego (ALL)
 T Sedona (06-09) optional

LAND ROVER

T ALL models (05-09)
 Discovery — non-transponder-type immobilizer in some models
 T Freelander (02-04) some may not be equipped
 T Range Rover (03-04)
 Range Rover (up to 02) - non-transponder-type immobilizer in some models

LEXUS

T ALL models (98-09)
 T LS400 (97)

LINCOLN

T ALL models (98-09)
 T Mark VIII (97)

MAZDA

T 3i / 3s (ALL)
 T 5 (ALL)
 T 626 (98-02) ES-V6, others optional
 T 6i / 6s, Mazdaspeed6 (ALL)
 T B-Series pickups (99-00) models with V6 engine
 T B-Series pickups (01-04) ALL
 T B-Series pickups (05-07) optional
 T B-Series pickups (08-09) B4000 model
 T CX-7 (ALL)
 T CX-9 (ALL)
 T Miata (01-08) (no data for 09)
 T MPV (00-06) optional
 T RX-8 (ALL)
 T Tribute (ALL)

MERCEDES

T ALL models (97-09)

MERCURY

T Cougar (99-02)
 T Grand Marquis (98-09)
 T Marauder (ALL)
 T Mariner (ALL)
 T Milan (06-09)
 T Montego (05-07)
 T Monterey (04-06)
 T Mountaineer (98-09)
 T Mystique (98-01) models with V6 engine
 T Sable (96-99) optional
 T Sable (00-09) ALL

MINI

T Cooper, Clubman (03-09)

MITSUBISHI

T Diamante (00-04)
 T Eclipse (00-09)
 T Endeavor (ALL)
 T Galant (00-09)
 T Lancer (03-07) EVO model
 T Lancer (08-09) ALL models
 T Montero (00-06)
 T Montero Sport (00-04)
 T Outlander (04-09)
 T Raider (06-08) optional (no data for 09)

NISSAN

T 350Z, 370Z (ALL)
 T Altima (00-09)
 T Armada (ALL)
 T Frontier (05-09) optional
 T GT-R (09)
 T Maxima (99-09)
 T Murano (ALL)
 T Pathfinder (99-09), (some early 99's not equipped)
 T Pathfinder Armada (ALL)
 T Quest (04-09)
 T Rogue (ALL)

CONTINUED NEXT COLUMN

NISSAN—cont'd

T Sentra (00-01) GXE and SE optional
 T Sentra (02-04) 2.5LE standard, SE-R optional
 T Sentra (05-06) SE-R optional
 T Sentra (07-09) ALL models
 T Titan (04-09) SE, PRO-4X, LE models std., opt. on others
 T Versa (ALL)
 T Xterra (05-07) optional
 T Xterra (08-09) ALL models

OLDSMOBILE

P Achieva (96-98)
 P Alero (99-04)
 V Aurora (95-99)
 P Aurora (01-03)
 P Bravada (98-04)
 P Cutlass (97-99)
 V Cutlass Supreme (94-97)
 V Eighty-Eight (92-99)
 P Intrigue (98-02)
 V Ninety-Eight (91-96)
 V Regency (97-99)
 T Silhouette (99-04)
 V Toronado (90-93)

PLYMOUTH

T Breeze (99-00) optional
 T Neon (00-01) LX std., others opt.

PONTIAC

T Aztec (01-05)
 V Bonneville (92-99)
 T Bonneville (00-05)
 V Firebird GTA (88)
 V Firebird (89-02) ALL
 T G3 (09) optional
 T G5 (ALL)
 T G6 (ALL)
 T G8 (ALL)
 P Grand Am (96-05)
 V Grand Prix (94-96)
 T Grand Prix (00-08)
 T GTO (04-06)
 T Montana/Trans Sport (99-06)
 T Solstice (06-09)
 P Sunfire (95) GT model
 P Sunfire (96-05) ALL
 T SV6 (Montana) (05-06)
 P Torrent (06)
 T Torrent (07-09)
 T Vibe (08-09) optional

PORSCHE

T ALL models (06-09)
 T Boxster (97-05)
 T Cayenne (ALL)
 T 911 (99-05)

SAAB

T 9-3, 9-5, 9-7x models (99-09)

SATURN

T Astra (ALL)
 T Aura (ALL)
 P Ion (03-07)
 P L-series (00-05)
 T Outlook (ALL)
 T Relay (05-07)
 P S-series (00-02)
 P Sky (ALL)
 P Vue (02-07)
 T Vue (08-09)

SCION

T tC (05-09)

SUBARU

T Forester (05-08) turbo engine models
 T Forester (09) ALL models
 T Impreza (05) WRX STI model
 T Impreza (06-07) all WRX models
 T Impreza (08-09) ALL models
 T Legacy (05) turbo engine models
 T Legacy (06-09) ALL models
 T Outback (05) turbo and 3.0R models
 T Outback (06-09) ALL models
 T Tribeca (ALL)

SUZUKI

T XL-7 (07-09)

TOYOTA

T 4Runner (99-02) Limited, others opt.
 T 4Runner (03-09) ALL
 T Avalon (98-04) XLS models
 T Avalon (05-09) ALL models
 T Camry (98-01) XLE standard, others optional
 T Camry (02-06) all XLE models, all models with V6 engine
 T Camry (07-09) ALL models
 T Camry Solara (99-03) SLE std., others optional
 T Camry Solara (04-08) ALL models (no data for 09)
 T Corolla (05-09)
 T FJ Cruiser (08-09)
 T Highlander (01) optional
 T Highlander (02-07) Limited and hybrid, others optional
 T Highlander (08-09) Sport, Limited, Hybrid, others optional
 T Land Cruiser (98-09)
 T Matrix (05-09)
 T MR2 Spyder (00-05)
 T Prius (01-09)
 T RAV4 (01-05) optional
 T RAV4 (06-07) Limited model only
 T RAV4 (08) Limited, others optional
 T RAV4 (09) ALL models
 T Sequoia (01-09)
 T Solara (99-03) SLE std., others optional
 T Solara (04-08) ALL models (no data for 09)
 T Sienna (98-99) optional
 T Sienna (00-03) XLE, others optional
 T Sienna (04-09) LE, XLE, Limited models
 T Tacoma (05-09) models with V6 engine
 T Tundra (07-08) models with V8 engine (no data for 09)
 T Venza (09) ALL
 T Yaris (07-09) optional

VOLKSWAGEN

T ALL models (02-09)
 T Beetle, Cabrio, Golf, GTI, Jetta (00-01)
 T Passat (mid 2001)
 T Eurovan (01)

VOLVO

T ALL models (99-09)