

Vehicle Wiring Information

for the
1999 BMW 3 Series 2 door

| ITEM | WIRE COLOR | POL | WIRE LOCATION |
|-------------------|----------------------|-----|----------------------------|
| 12V | red/wht or red | + | ignition harness |
| STARTER | blk/yel or grn/blk | + | ignition harness |
| IGNITION | green | + | ignition harness |
| SECOND IGNITION | pur/wht or purple | + | ignition harness |
| POWER LOCK | white/red | + | factory alarm plug *1 |
| POWER UNLOCK | blue/red | + | factory alarm plug *1 |
| PARKING LIGHTS + | gry/blk, gry/yel *3 | | headlight switch |
| PARKING LIGHTS - | blue/green (hazards) | | factory alarm plug *1 |
| HEADLIGHTS | yellow | | headlight switch |
| DOOR TRIGGER | *4 | - | factory alarm plug *1 |
| DOVE SUPERVISION | comes on with unlock | | |
| TRUNK/HATCH PIN | brown/white | - | factory alarm plug *1 |
| HOOD PIN | purple/green | - | *6 |
| FCTRY ALARM ARM | *7 | | |
| FCTRY ALRM DISARM | *7 | | |
| TACHOMETER | black | | instrument cluster *2 |
| BRAKE WIRE | blue/red | + | at brake pedal switch |
| HORN TRIGGER | brown/red | - | steering column |
| WIPERS | blk/gry and blk/blu | - | steering column |
| LF WINDOW UP/DN | blk/wht - pur/wht | A | body electr control mod *5 |
| RF WINDOW UP/DN | blu/grn - yel/grn | A | body electr control mod *5 |

Notes:

NOTE: This vehicle is equipped with the EWS II immobilizer system that need to be bypassed when adding a remote start. Use DEI module 555B. *1 The alarm plug is a black 12 pin plug located just behind the glove box. It is mounted with the pins facing you atop a vent just to the left of the body computer. Other wires at the alarm plug are: 12V- red/white; Accessory- purple/white; Siren- black/blue; Ground- brown/orange. Do not use the power sources at the alarm plug to operate high-current devices. The other side of the siren wire is mounted in a 2 pin plug at the passenger rear corner of the engine compartment. The other wire in the plug is a brown ground wire. DEI recommends attaching the siren at this point. *2 The wire is located in a white connector behind the instrument cluster. Do not unplug the white connector with the ignition on or turn the ignition on with the plug disconnected. *3 These wires are the separate left and right parking light wires. Use both wires and isolate each. *4 Door triggers are brown/gray for the drivers front door, brown/blue for the passenger front door. Use both wires and diode isolate each. *5 The body electronics control module and the relay module are located behind the glove box. When using a 530T and locking and unlocking with the key will cause the windows to travel full direction. The 529T will not alter the factory operation. *6 Located in a single pin connector next to the factory alarm plug. *7 If equipped with a factory alarm, the alarm will be plugged into the factory alarm plug. The only way to arm and disarm the factory alarm is with the factory remote. If your planning on using the 8360 pre-wired alarm harness the factory alarm must absent or removed.

Vehicle Wiring Information

for the
1999 BMW 3 Series 4 door

| ITEM | WIRE COLOR | POL | WIRE LOCATION |
|--------------------|----------------------|-----|---------------------------|
| 12V | red/grn & red/blu | + | ignition harness |
| STARTER | black/blue | + | ignition harness |
| IGNITION | green | + | ignition harness |
| SECOND IGNITION | purple | + | ignition harness |
| POWER LOCK | blue/red | - | 54 pin plug, pin #22 @ *1 |
| POWER UNLOCK | white/black *3 | - | 54 pin plug, pin #20 @ *1 |
| LOCK MOTOR | white (any one of 5) | | 54 pin plug @ *1 |
| UNLOCK MOTOR | blue | | 54 pin plug, pin #35 @ *1 |
| DISARM DEFEAT | (chassis ground) | | |
| PARKING LIGHTS | + *4 | | |
| HEADLIGHTS | | | |
| DOOR TRIGGER | red/blue | + | 54 pin plug, pin #18 @ *1 |
| DOVE SUPERVISION | comes on with unlock | | |
| TRUNK/HATCH PIN | white/brown | - | drivers kick panel |
| HOOD PIN | purple/green | - | 26 pin plug, pin #7 @ *1 |
| TRNK/HATCH RELEASE | gray/green | + | 54 pin plug, pin #17 @ *1 |
| FACTRY ALARM ARM | arms with lock | | |
| FACTRY ALRM DISARM | disarms with unlock | | |
| TACHOMETER | black | | diagnostic plug *2 |
| SPEED SENSE | black/white | | radio, pin #10 |
| BRAKE WIRE | brown/white | + | brake pedal switch |
| HORN TRIGGER | purple/blue | + | horn relay *5 |
| WIPERS | | | |
| LF WINDOW UP/DN | *6 | | |
| RF WINDOW UP/DN | | | |
| LR WINDOW UP/DN | | | |
| RR WINDOW UP/DN | | | |
| SUN RF OPN/CLOSE | *6 | | |

Notes:

NOTE: This vehicle is equipped with the EWS II immobilizer system that need to be bypassed when adding a remote start. Use DEI module 555B and refer to directfax document #1056 for additional wiring information. *1 The general module is a white box located behind the glove box. The 54 pin plug is the center plug, and the 26 pin plug is the one on the left. *2 The diagnostic plug is on the passengers side of the engine compartment. *3 On some models, unlock may require a double pulse. *4 Need to remove the light switch module from the dash and pop off the front cover. A ribbon cable which connects the switch to the module will be exposed. With the switch facing towards you, you need to interrupt the fourth wire from the left with a relay. When interrupted the parking lights will come on. See directfax document # 1055 for wiring information. *5 The horn relay is above the general module. It is the green relay to the right of an orange relay. *6 Extended triggers on the door lock wires will roll the windows up/down and open/close the sunroof. Use validity channels to control.

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| STARTER | black/blue | + | ignition harness |
| IGNITION | green | + | ignition harness |
| SECOND IGNITION | purple | + | ignition harness |
| POWER LOCK | blue/red | - | 54 pin plug, pin #22 @ *1 |
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