

PERFORMANCE BMW/MINI DIAGNOSTIC WORKSHEET

To assist us in making a fast and accurate diagnosis of your vehicle, please review the following

ENGINE PERFORMANCE / DRIVE-ABILITY

Tell us about what is happening (check all that apply):

- ☐ No crank, No start
- ☐ Engine Cranks, but won't start
- ☐ Hard to start (but will start)
- ☐ Engine idle's or runs rough
- ☐ Engine idle is too high or low or surges
- ☐ Engine hesitates, stumbles or cuts out
- ☐ Engine pings or knocks
- ☐ Engine light, malfunction indicator, or service engine soon light is on or flashing
- ☐ Speed fluctuates without using the accelerator
- ☐ Engine backfires (popping noise)
- ☐ Poor gas mileage - currently _____ km/L , used to be _____ km/L
- ☐ Other _____

Tell us about the fuel you're using

- ☐ regular ☐ mid-grade ☐ premium

Usual brand of fuel being used: _____

When does this occur? (select all that apply)

- ☐ when the vehicle reaches a certain speed _____ km/hr
- ☐ when the engine hits a certain RPM _____
- ☐ When the vehicle is not moving (engine is idling)
- ☐ After the vehicle is parked for several hours
- ☐ During acceleration ☐ During deceleration ☐ While turning ☐ While braking
 - ☐ hard ☐ medium ☐ light
- ☐ When the engine temperature is ☐ cold ☐ warming up ☐ normal ☐ all the time
- ☐ Only during certain weather conditions ☐ hot days ☐ cool/cold days ☐ wet/rainy days

How often does this occur? ☐ Always ☐ Sometimes ☐ Rarely

When did this start happening? _____

Name _____ Contact # _____

Year/Make/Model _____

Definitions of Noise

Boom	A sound like a drum roll or distant thunder
Buzz	Like a bumble bee
Click	A light sound like a ball point pen being clicked
Clunk	A metal to metal sound like a hammer striking steel
Creak	Like walking on an old wooden floor
Grind	An abrasive Sound, like grinding a stone
Growl	A low sound, like an angry dog
Hiss	The sound that a leak in a tire makes
Hum	A low pitch steady sound like the note of an organ
Knock	Like a knock on a door
Pop	A sound like opening a bottle of champagne
Rattle	Like shaking a baby rattle
Rumble	A low pitch sound like a bass or kettle drum roll
Squeak	Like tennis shoes on a clean floor
Squeal	A high pitch sound like fingernails against a chalkboard
Thump	Heavy, muffled knock noise
Tick	Like a clock second hand
Whine	A high pitch sound like an electric motor or drill
Whistle	A high pitch sound like a note of a flute or piccolo
Wiggy Waggy	Just checking to see if you were paying attention