


## Known Joomla issues

1104 - The SELECT would examine more than MAX\_JOIN\_SIZE rows; check your WHERE and use SET SQL\_BIG\_SELECTS=1 or SET MAX\_JOIN\_SIZE=# if the SELECT is okay

 The solution you have to apply is going to depend on the database connection type! Check that in the configuration.php file before advising anything.

### MySQLi

#### Joomla 4.3.3 and up

This error can be fixed by editing this file:

```
1 /libraries/vendor/joomla/database/src/Mysqli/MysqliDriver.php
```

The customer should press enter at the end of line 330 and insert this code in line 331:

```
1 mysqli_query($this->connection, "SET SQL_BIG_SELECTS = 1;" );
```

#### Joomla 4.2:

This error can be fixed by editing this file:

```
1 /libraries/vendor/joomla/database/src/Mysqli/MysqliDriver.php
```

The customer should press enter at the end of line 289 and insert this code in line 290:

```
1 mysqli_query($this->connection, "SET SQL_BIG_SELECTS = 1;" );
```

#### Joomla 3.10.12:

```
1 /libraries/joomla/database/driver/pdomysql.php
```

And the code should be inserted to line 156.

### MySQL (PDO)

#### Joomla 4.3.3

File to edit:

```
1 /libraries/vendor/joomla/database/src/MySQL/MySQLDriver.php
```

Press an enter after line 226 and enter this code to line 227:

```
1 $this->connection->query("SET @@SESSION.sql_big_selects = 1");
```

Should look like this:

```
223 // If needed, set the sql modes.
224 if ($this->options['sqlModes'] != [])
225 {
226     $this->connection->query('SET @@SESSION.sql_mode = \'' . implode(', ', $this->options['sqlModes']) . '\;');
227     $this->connection->query("SET @@SESSION.sql_big_selects = 1");
228 }
229
230 $this->setOption(\PDO::ATTR_EMULATE_PREPARES, true);
```

## Disclaimer

The problem with this solution is that it needs to be applied after every Joomla update, for it refreshes this file and removes the code added.