REGEX CHEAT SHEET

regexguide.com/patterns/india-vehicle-br.html

Bihar vehicle registration

Vehicle plate registered in Bihar — starts with BR.

```
^BR[\s\-]?\d{1,2}[\s\-]?[A-Z]{1,3}[\s\-]?\d{4}$
```

Token-by-token breakdown

Token	Meaning
`^`	start of string (or line in multiline mode)
`BR`	literal text “BR”
`[\s\-]?`	optional (zero or one): any of: whitespace, “-”
`\d{1,2}`	between 1 and 2 times: digit (0–9)
`[\s\-]?`	optional (zero or one): any of: whitespace, “-”
`[A-Z]{1,3}`	between 1 and 3 times: any of: uppercase letters
`[\s\-]?`	optional (zero or one): any of: whitespace, “-”
`\d{4}`	exactly 4 times: digit (0–9)
`$`	end of string (or line in multiline mode)

Quick usage in 7 languages

JavaScript

```
const re = /^BR[\s\-]?\d{1,2}[\s\-]?[A-Z]{1,3}[\s\-]?\d{4}$/;
re.test(value);
```

Python

```
import re
re.match(r"^BR[\s\-]?\d{1,2}[\s\-]?[A-Z]{1,3}[\s\-]?\d{4}$", value)
```

Java

```
Pattern.compile("^BR[\\s\\-]?\\d{1,2}[\\s\\-]?[A-Z]{1,3}[\\s\\-]?\\d{4}$").matcher(value).matches();
```

C# / .NET

```
Regex.IsMatch(value, @"^BR[\s\-]?\d{1,2}[\s\-]?[A-Z]{1,3}[\s\-]?\d{4}$");
```

Go

```
regexp.MustCompile(`^BR[\s\-]?\d{1,2}[\s\-]?[A-Z]{1,3}[\s\-]?\d{4}$`).MatchString(value)
```

Ruby

```
/^BR[\s\-]?\d{1,2}[\s\-]?[A-Z]{1,3}[\s\-]?\d{4}$/.match?(value)
```

PHP

```
preg_match('~^BR[\s\-]?\d{1,2}[\s\-]?[A-Z]{1,3}[\s\-]?\d{4}$~', $value);
```

Common pitfalls

- **Anchored to the whole string.** This pattern uses ^ and $, so it requires the entire input to match. To find it inside a longer text, drop the anchors and use the global (g) flag.
- **Uppercase only.** Ranges like [A-Z] won't match lowercase. Add a-z (or the i flag) if lowercase input should be accepted.
- **Escape it correctly per language.** In Java and JavaScript strings each backslash must be doubled (\\d); in Python, Go, and C# use raw/verbatim strings so the backslashes survive.
- **Validate beyond format.** Matching the format doesn't guarantee the value is real. Confirm the bihar vehicle registration against a source of truth (database, API, or checksum) where it matters.