Summary

Tests	Failures	Errors	Success rate	Time
19	5	2	63.16%	0.338

Note: *failures* are anticipated and checked for with assertions while *errors* are unanticipated.

Description
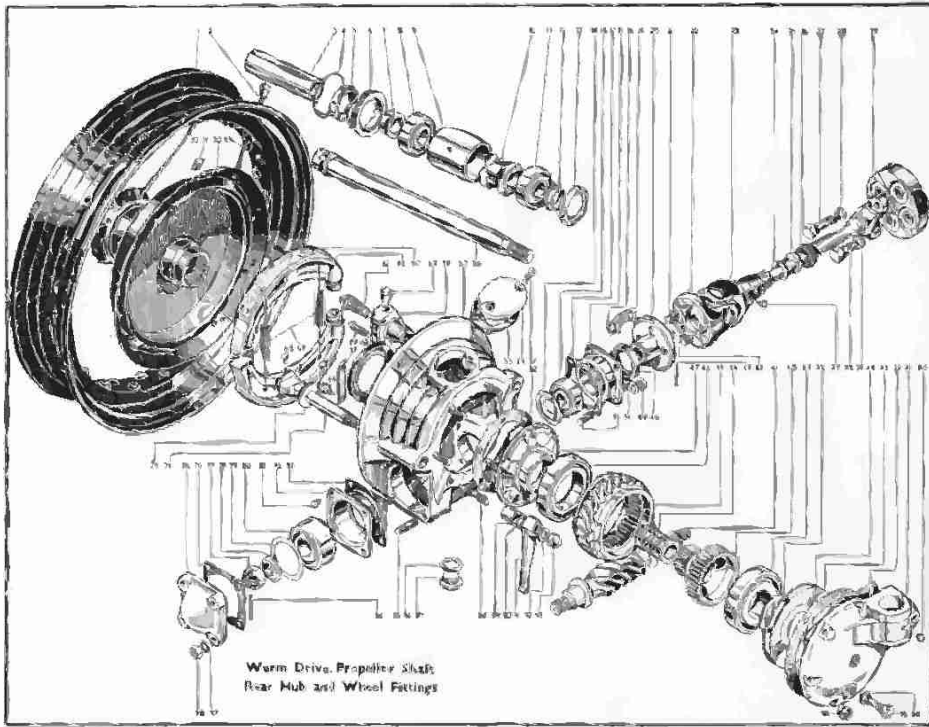
The test suite validates net.cars packages:
- net.cars.chassis
- net.cars.documents
- net.cars.engine

Test sign-off area

Packages

Note: package statistics are not computed recursively, they only sum up all of its testsuites numbers.

Name	Tests	Errors	Failures	Time(s)	Time Stamp
net.cars.documents	1	0	0	0.207	2007-11-02T23:13:49
net.cars.engine	17	2	4	0.118	2007-11-02T23:13:50
net.cars.engine.diagnostics.selftest.computer.backup	1	0	1	0.013	2007-11-02T23:13:50

Package net.cars.documents

Name	Tests	Errors	Failures	Time(s)	Time Stamp
AssuranceTest	1	0	0	0.207	2007-11-02T23:13:49

Package net.cars.engine

Name	Tests	Errors	Failures	Time(s)	Time Stamp
BougieTest	2	1	0	0.017	2007-11-02T23:13:50
CarburateurTest	1	0	1	0.013	2007-11-02T23:13:50
DelcoTest	1	0	0	0.009	2007-11-02T23:13:50
DemareurTest	2	0	0	0.010	2007-11-02T23:13:50
MoteurTest	6	0	0	0.021	2007-11-02T23:13:50
PistonTest	5	1	3	0.048	2007-11-02T23:13:50

Package net.cars.engine.diagnostics.selftest.computer.backup

Name	Tests	Errors	Failures	Time(s)	Time Stamp
BootTest	1	0	1	0.013	2007-11-02T23:13:50

TestCase AssuranceTest

Name	Status Type	Time(s)
covered	Success	0.009

Description

This is a testcase to validate the documents associated with net.cars.
Typical checkpoints are payment status, expiry date, compliance, signatures.

TestCase BootTest

Name	Status	Type	Time(s)
spindleAngle	Failure	junit.framework.AssertionFailedError: at net.cars.engine.diagnostics.selftest.computer.backup.BootTest.s	0.003

TestCase BougieTest

Name	Status	Type	Time(s)
sparkDry	Success		0.001
sparkHumid	Error	humidity level too high	0.005

```
java.lang.RuntimeException: humidity level too high
at net.cars.engine.Bougie.spark(Unknown Source) at
net.cars.engine.BougieTest.sparkHumid(BougieTest.java:36)
```

Description

This is a testcase to check if sparks perform as per specifications.
Sparks should work reliable when physical conditions are within range.

TestCase CarburateurTest

Name	Status	Type	Time(s)
mix	Failure	Mix should be exactly 25. expected:<25> but was:<20> `junit.framework.AssertionFailedError: Mix should be exactly 25. expected:<25> but was:<20> at net.cars.engine.CarburateurTest.mix(CarburateurTest.java:34)`	0.004

TestCase DelcoTest

Name	Status Type	Time(s)
rotate	Success	0.000

Log DelcoTest

Rotation is simulated for a four spark engine with an angle of 0?.

TestCase DemareurTest

Name	Status Type	Time(s)
start	Success	0.001
releaseGrip	Success	0.001

TestCase MoteurTest

Name	Status Type	Time(s)
hasBougie	Success	0.001
hasCarburatueur	Success	0.001
hasDelco	Success	0.002
hasDemareur	Success	0.001
hasPiston	Success	0.001
selfTest	Success	0.001

Description
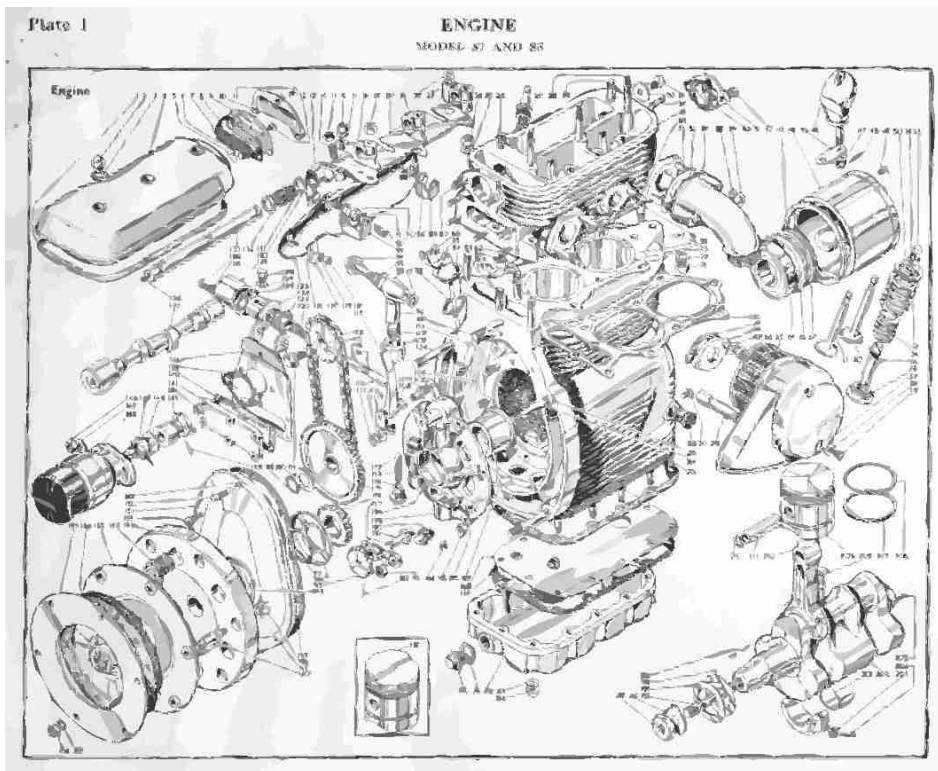
This is a testcase to test the engine assembly.
It checks if all required parts are mounted, and performs a diagnostic selftest.

TestCase PistonTest

Name	Status	Type	Time(s)
moveUp	Error	test timed out after 1 milliseconds	0.022
		`java.lang.Exception: test timed out after 1 milliseconds`	
moveDown	Success		0.001
checkStatus	Failure	Plunger status invalid to proceed driving.	0.003

		`junit.framework.AssertionFailedError:`
		`Plunger status invalid to proceed driving. at`
		`net.cars.engine.PistonTest.checkStatus(PistonTest.java:42)`	

checkSpeed	Failure	Plunger upward speed below specifications.	0.008

		`junit.framework.AssertionFailedError:`
		`Plunger upward speed below specifications. at`
		`net.cars.engine.PistonTest.checkSpeed(PistonTest.java:47)`	

lubricate	Failure	Failed to lubricate the plunger.	0.003

		`junit.framework.AssertionFailedError:`
		`Failed to lubricate the plunger. at`
		`net.cars.engine.PistonTest.lubricate(PistonTest.java:52)`	

Log PistonTest

`Slowly moving up`