

Single Vehicle Test Results

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Anchor Motors ACC System

11-Oct-2025

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Chapter 1. Summary

Total Tests: 10

Passed: 0

Passed with warnings: 9

Failed: 1

Passed with Warnings Tests:

- case 10 lead gradually slows down
- case 1 lead veh sudden stop 25a
- case 3 lead rapid increase space
- case 4 lead disappears
- case 5 lead car appears25a
- case 6 zero relative v high gap
- case 7 zero relative v low gap
- case 8 sn high neg delta v25a
- case 9 ego stopped lead accelerating

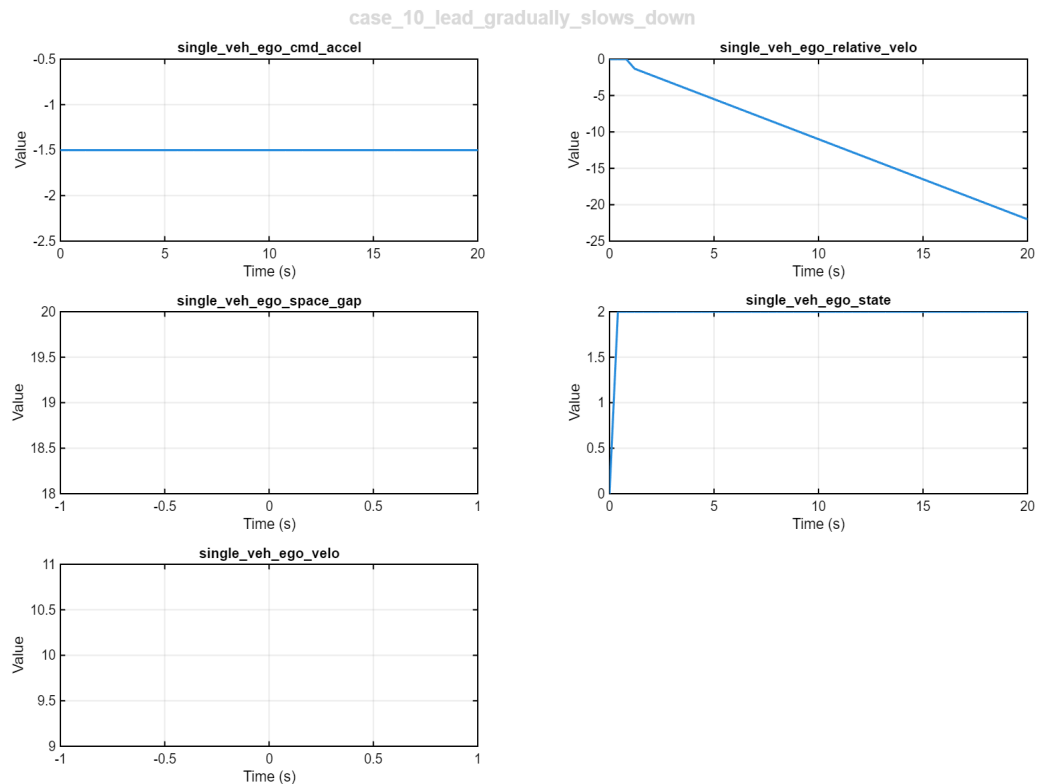
Failed Tests:

- case 2 ego0 gap not desired25a

Chapter 2. case 10 lead gradually slows down

Status: Passed with warnings

Test Results:



Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_10_lead_g... (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

Stateflow chart. Delete this object or <a (Count: 2)

Example: Stateflow chart. Delete this object or <a

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is not used in the (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not used in the (Count: 1)

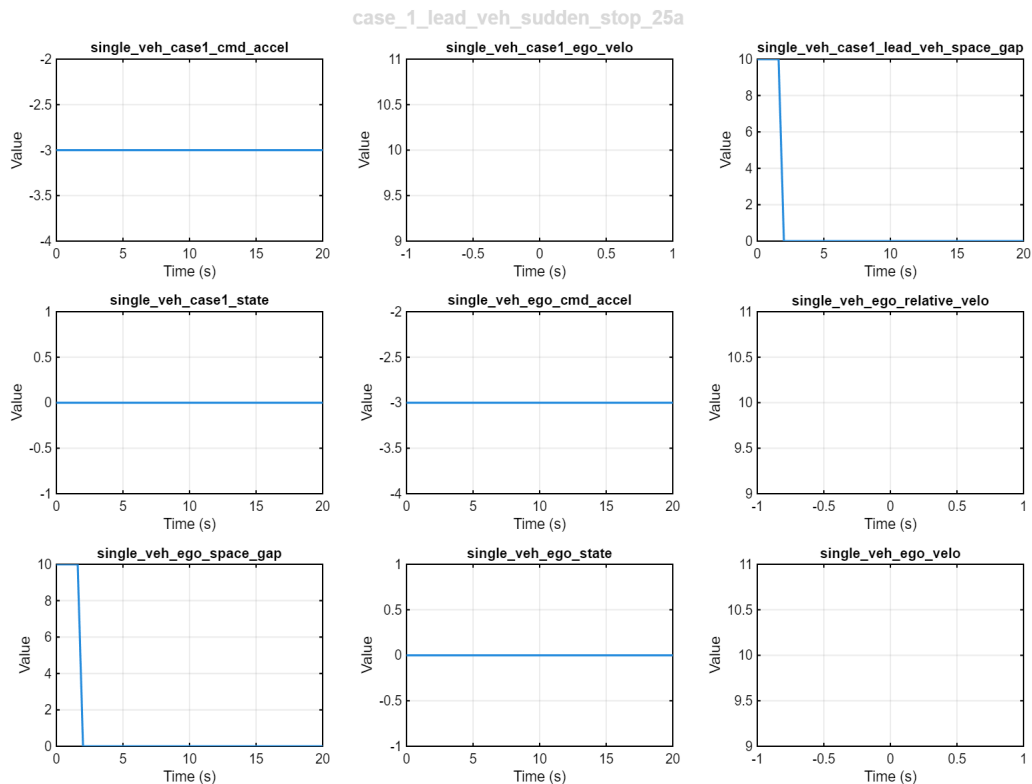
**href= "matlab: sfprivate('openConfigParamsSFDiagnostics',21)">configure the diagnostic.
(Count: 2)**

Example: href= "matlab: sfprivate('openConfigParamsSFDiagnostics',21)">configure the diagnostic.

Chapter 3. case 1 lead veh sudden stop 25a

Status: Passed with warnings

Test Results:



Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_1_lead_ve... (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is not (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not used (Count: 1)

in the Stateflow chart. Delete this (Count: 1)

object or configure the diagnostic. (Count: 2)

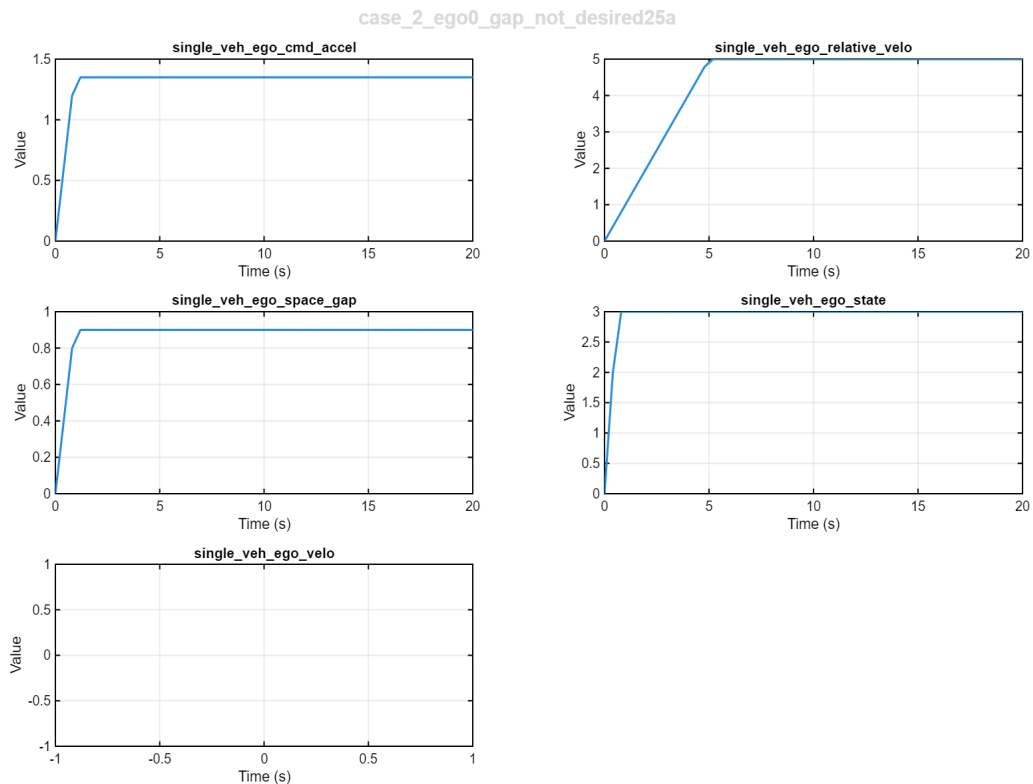
Example: object or configure the diagnostic.

used in the Stateflow chart. Delete this (Count: 1)

Chapter 4. case 2 ego0 gap not desired25a

Status: Failed

Test Results:



Errors Summary

Error: non zero command acceleration: 0.600, should be zero (Count: 1)

Error: non zero command acceleration: 1.200, should be zero (Count: 1)

Error: non zero command acceleration: 1.350, should be zero (Count: 48)

Example: Error: non zero command acceleration: 1.350, should be zero

Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_2_ego0_ga... (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is not (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not used (Count: 1)

in the Stateflow chart. Delete this (Count: 1)

object or configure the diagnostic. (Count: 2)

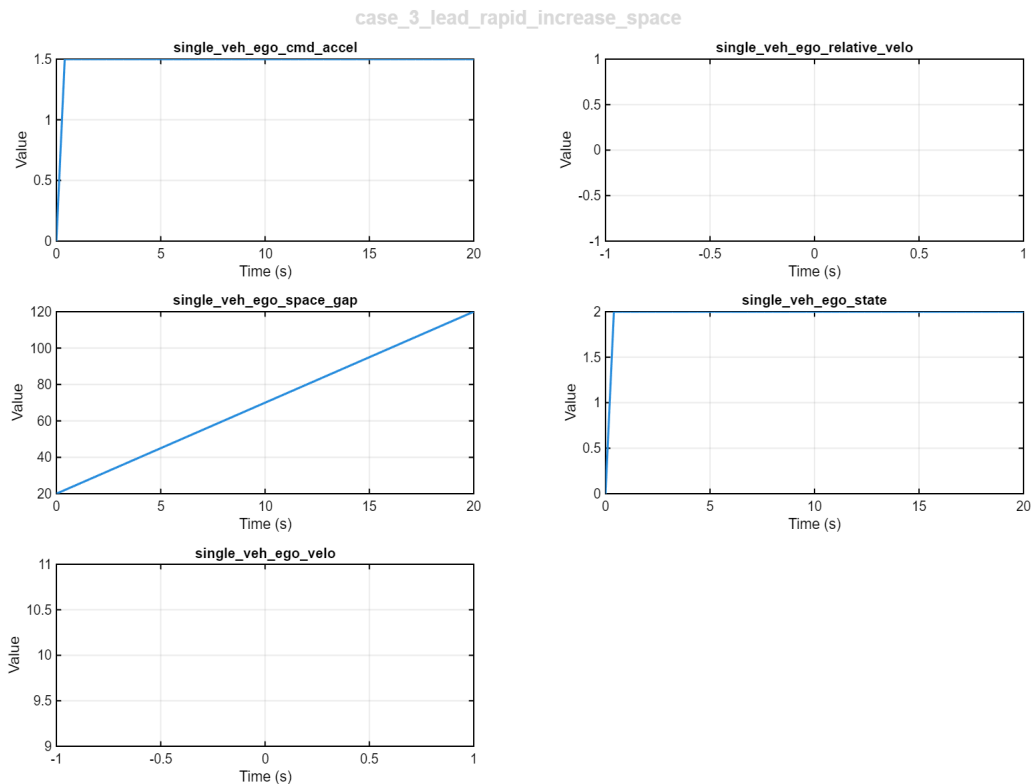
Example: object or configure the diagnostic.

used in the Stateflow chart. Delete this (Count: 1)

Chapter 5. case 3 lead rapid increase space

Status: Passed with warnings

Test Results:



Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_3_lead_ra... (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is not (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not used (Count: 1)

in the Stateflow chart. Delete this (Count: 1)

object or configure the diagnostic. (Count: 1)

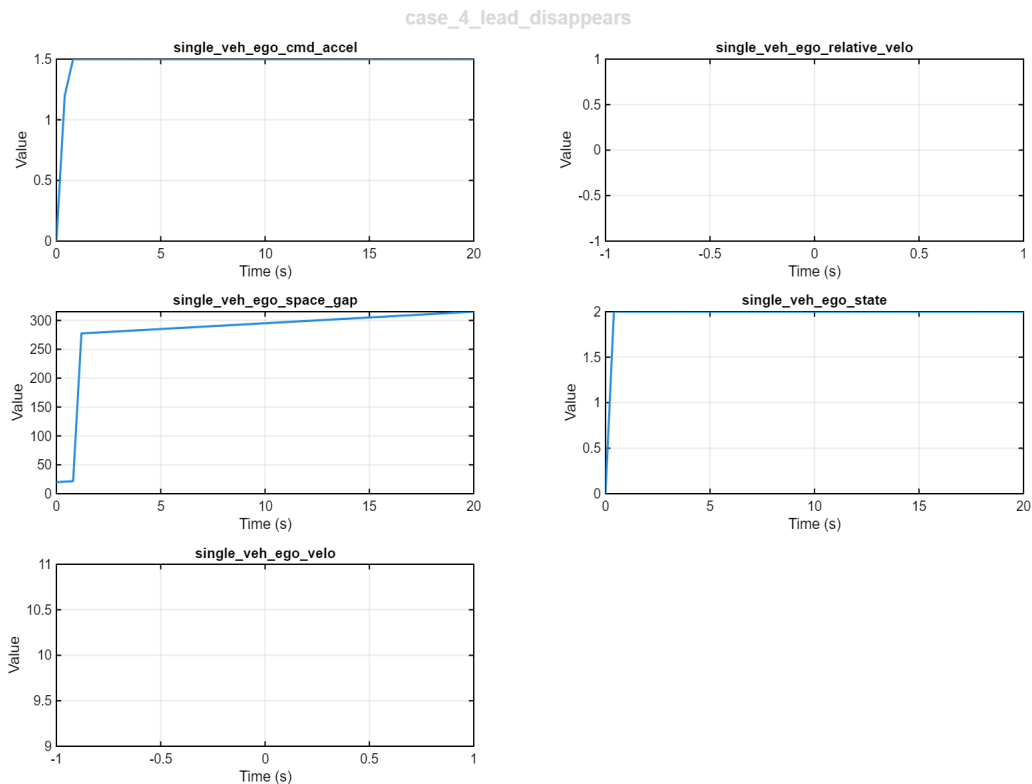
this object or configure the diagnostic. (Count: 1)

used in the Stateflow chart. Delete (Count: 1)

Chapter 6. case 4 lead disappears

Status: Passed with warnings

Test Results:



Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_4_lead_di... (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

Stateflow chart. Delete this object or <a (Count: 2)

Example: Stateflow chart. Delete this object or <a

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is not used in the (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not used in the (Count: 1)

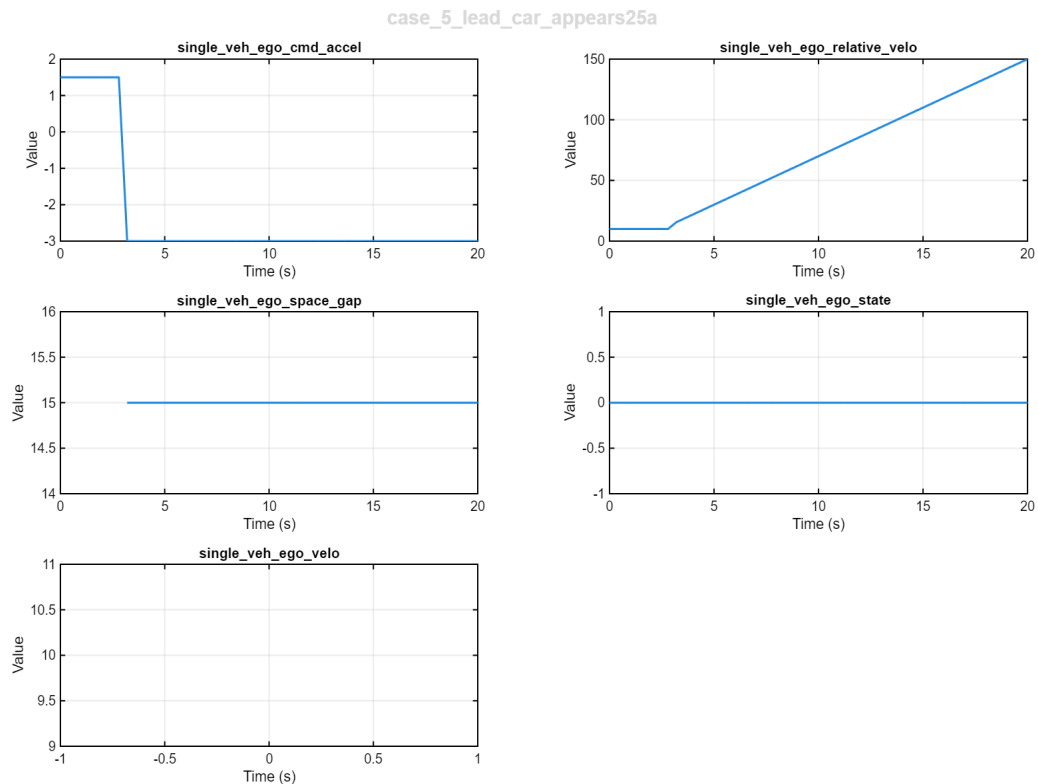
**href= "matlab: sfprivate('openConfigParamsSFDiagnostics',21)">configure the diagnostic.
(Count: 2)**

Example: href= "matlab: sfprivate('openConfigParamsSFDiagnostics',21)">configure the diagnostic.

Chapter 7. case 5 lead car appears25a

Status: Passed with warnings

Test Results:



Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_5_lead_ca... (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

Stateflow chart. Delete this object or <a (Count: 1)

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is not used in (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not used in the (Count: 1)

**href= "matlab: sfprivate('openConfigParamsSFDiagnostics',21)">configure the diagnostic.
(Count: 1)**

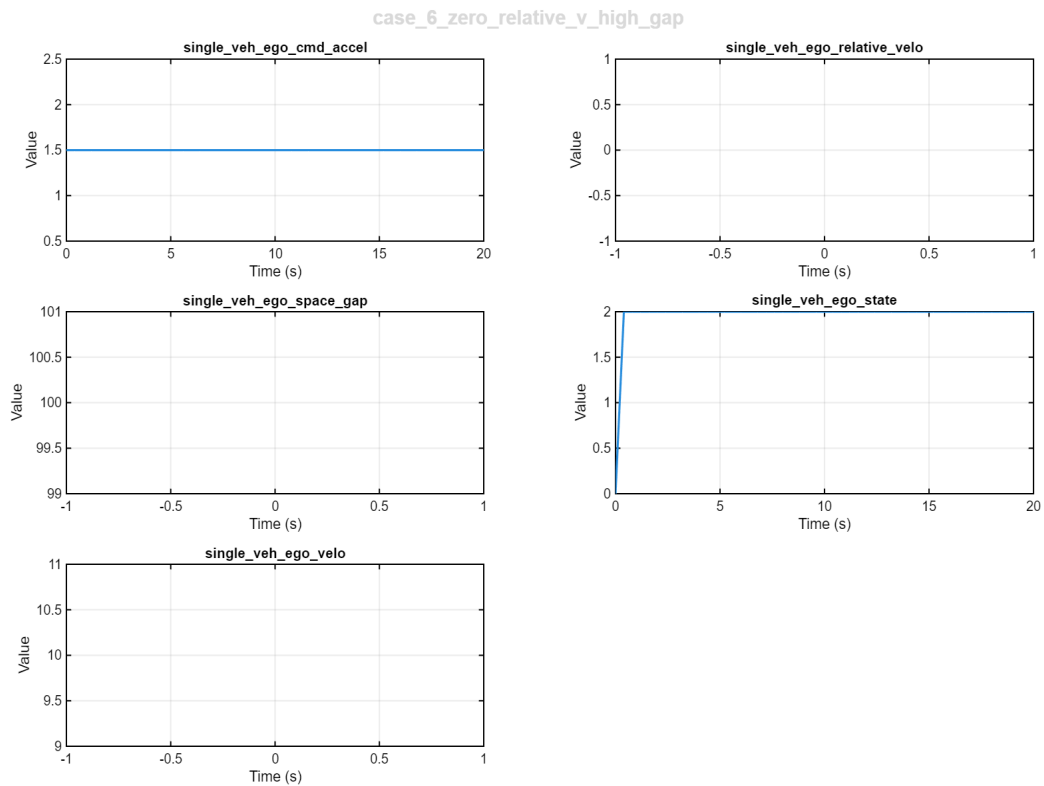
or configure the diagnostic. (Count: 1)

the Stateflow chart. Delete this object (Count: 1)

Chapter 8. case 6 zero relative v high gap

Status: Passed with warnings

Test Results:



Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_6_zero_re... (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is not (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not used (Count: 1)

in the Stateflow chart. Delete this (Count: 1)

object or configure the diagnostic. (Count: 2)

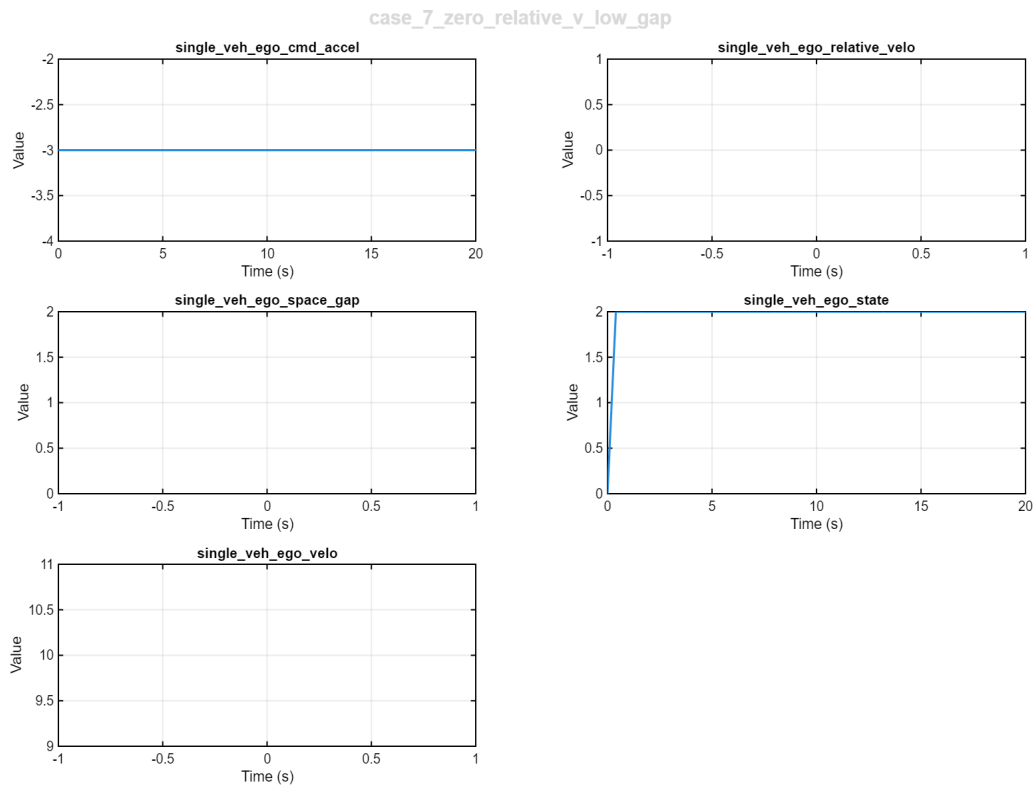
Example: object or configure the diagnostic.

used in the Stateflow chart. Delete this (Count: 1)

Chapter 9. case 7 zero relative v low gap

Status: Passed with warnings

Test Results:



Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_7_zero_re... (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is not (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not used in (Count: 1)

object or configure the diagnostic. (Count: 2)

Example: object or configure the diagnostic.

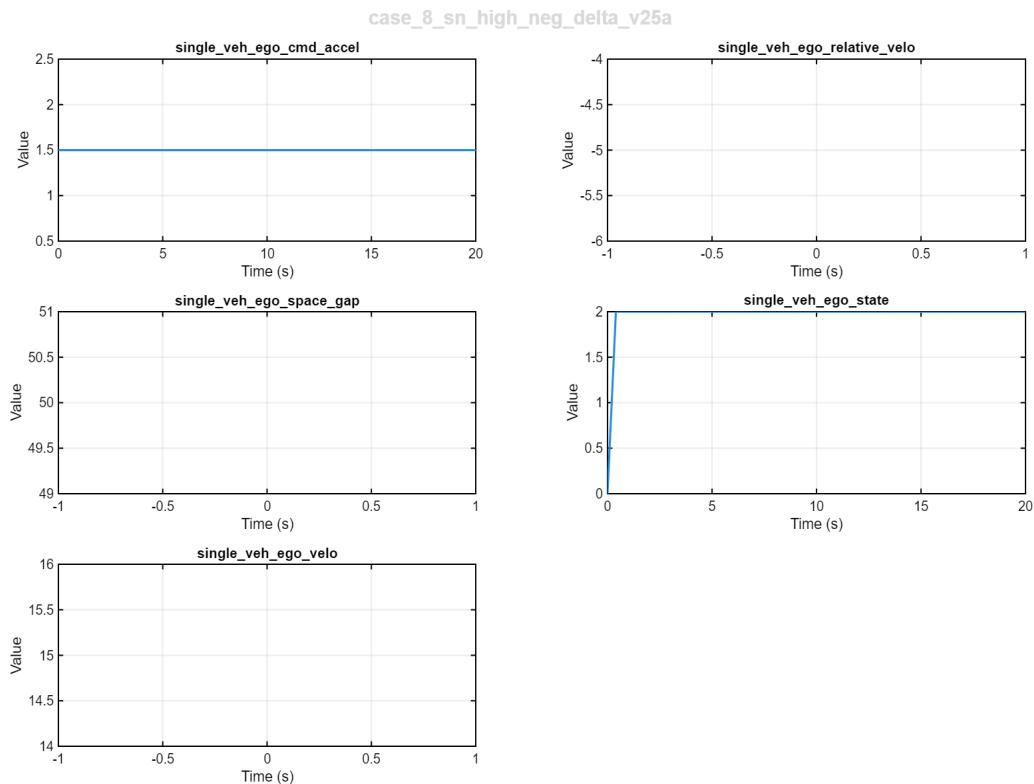
the Stateflow chart. Delete this (Count: 1)

used in the Stateflow chart. Delete this (Count: 1)

Chapter 10. case 8 sn high neg delta v25a

Status: Passed with warnings

Test Results:



Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_8_sn_high...' (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is not used (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not used in (Count: 1)

in the Stateflow chart. Delete this (Count: 1)

object or configure the diagnostic. (Count: 2)

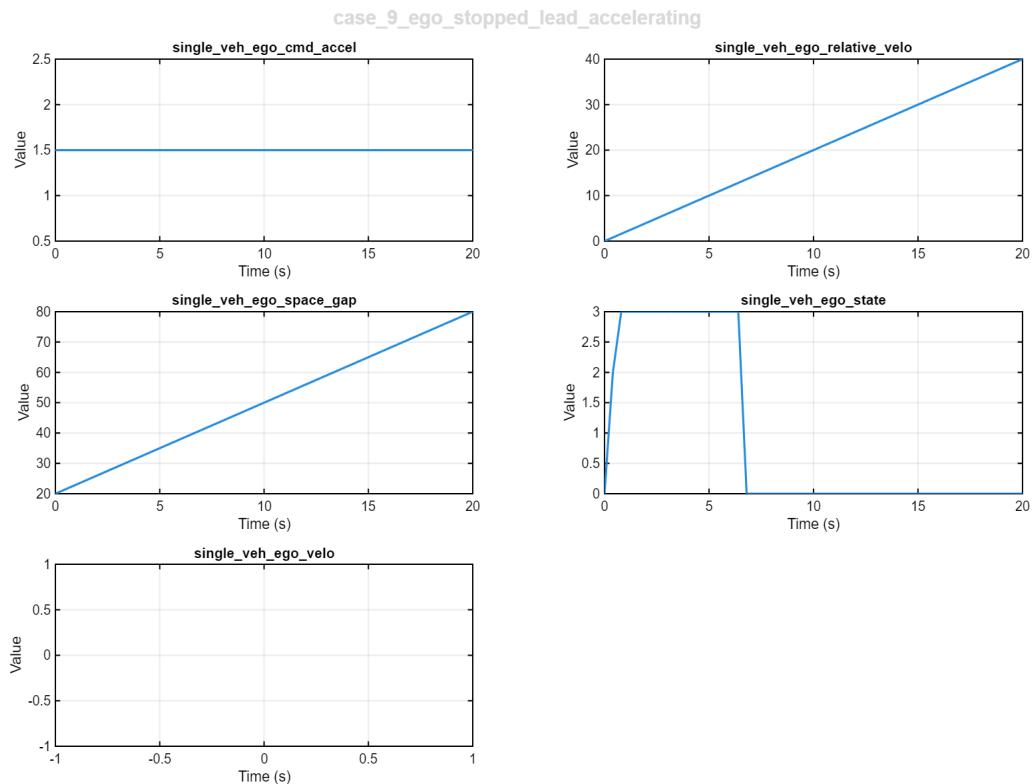
Example: object or configure the diagnostic.

the Stateflow chart. Delete this (Count: 1)

Chapter 11. case 9 ego stopped lead accelerating

Status: Passed with warnings

Test Results:



Warnings Summary

-->Stateflow Coder Warning :(SLSF Diagnostic)<a href="matlab:sfprivate('sfOpenObjectById','case_9_ego_sto... (Count: 1)

Unclassified Warnings

In construct_error (line 130) (Count: 2)

Example: In construct_error (line 130)

In run_all_single_test (line 87)] (Count: 2)

Example: In run_all_single_test (line 87)]

In sfprivate (line 13) (Count: 2)

Example: In sfprivate (line 13)

[> In sldiagviewer.reportWarning (Count: 2)

Example: [> In sldiagviewer.reportWarning

[Warning: 'lead_acceleration_moving_average' is defined, but is (Count: 1)

[Warning: 'lead_velocity_moving_average' is defined, but is not (Count: 1)

internal.stateflow.dialogs.UnusedObjectDeleter.createDeleter('case_9_ego_stopped_lead_accelerating:5:37:7:::20')">Delete this object or <a href= "matlab: (Count: 1)

not used in the Stateflow chart<VALUE> <a href= "matlab: (Count: 1)

sfprivate('openConfigParamsSFDiagnostics',21)">configure the diagnostic. (Count: 1)

this object or configure the diagnostic. (Count: 1)

used in the Stateflow chart. Delete (Count: 1)