

# POLARIS – TOMAR SPEC

2020+ Polaris General with Red/Blue & IR part numbers



## PRE-PROGRAMMED PARTS LIST:

(2) x **RSTH-RBW-07**: Pre-programmed, **Phase 0**, red wire - steady burn red, blue wire - pattern 8 neobe 120, color 1 (red) then 2 (blue), red/blue wire - pattern Neobe 120, color 1 (red) then 2 (blue), white wire - steady burn white

(3) x **RSTH-RBW-08**: Pre-programmed, **Phase 1**, red wire - steady burn blue, blue wire - pattern 8 neobe 120, color 1 (blue) then 2 (red), red/blue wire - pattern Neobe 120, color 1 (blue) then 2 (red), white wire - steady burn white

(1) x **R14LS-RR-05**: Set to Simultaneous Neobe 120, **phase 0**

(1) x **R14LS-BB-06**: Set to Simultaneous Neobe 120, **phase 1**

(1) x **R16LSV-RR-05**: Set to Simultaneous Neobe 120, **phase 0**

(1) x **R16LSV-BB-06**: Set to Simultaneous Neobe 120, **phase 1**

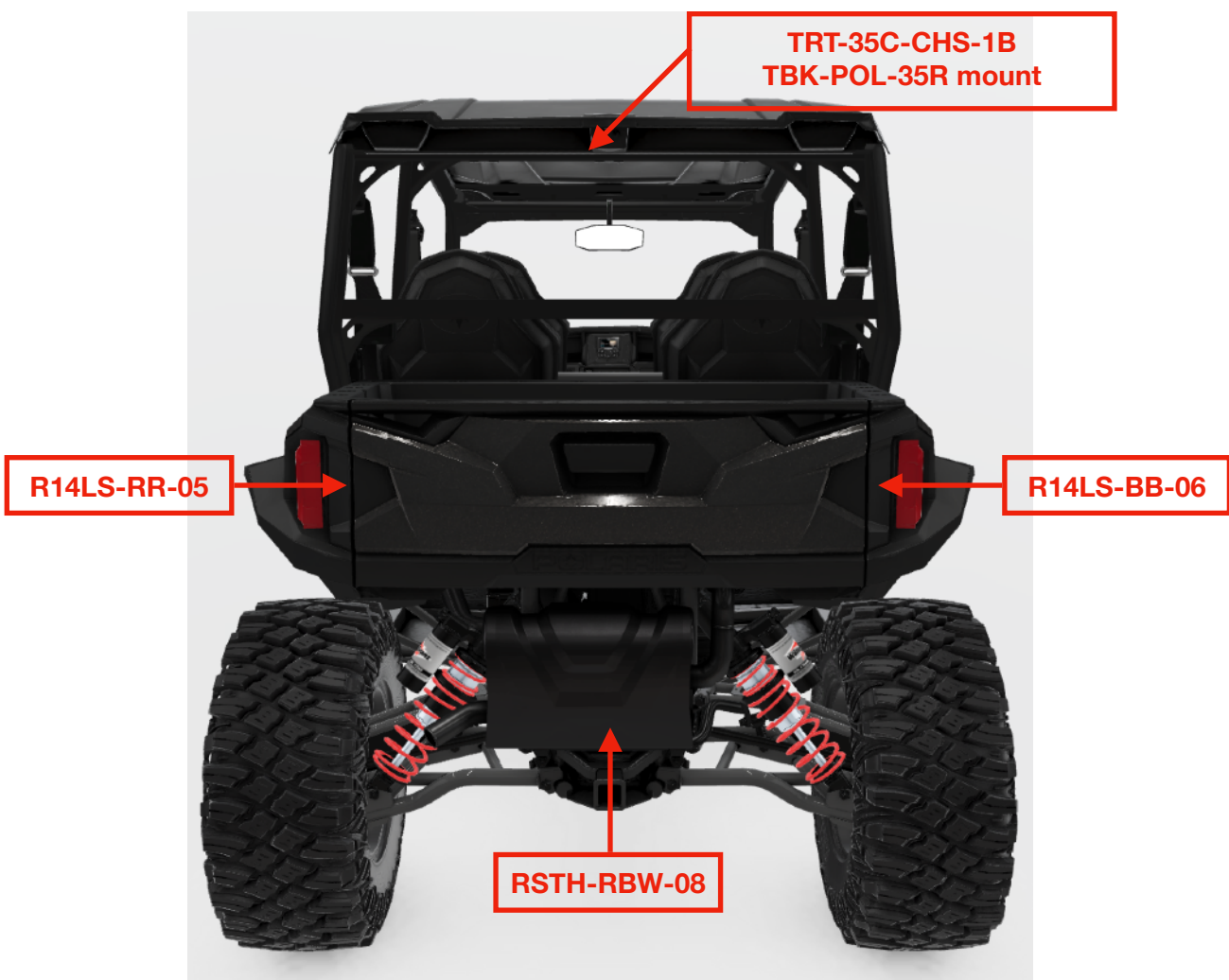
(1) x **TRX-15C-AC**: Tomar 15" connectorized dual color TRX bar white/amber

(1) x **TRT-50C-IR-1B**: Tomar 50" connectorized TRT bar with integrated IR. Wires on driver side. Black in color.

(1) x **TRT-35C-CHS-1B**: Tomar 35" connectorized TRT bar with chase lights. Wires exit passenger side. Black in color.

(1) x **940L-SIREN-R**

(1) x **SPK100**





Installation Instructions for the pre-programmed kit:

**Perimeter Warning lights:**

-All warning modules (iLED, RECT) will need to be sync'd together by connecting *all* yellow wires.

-All warning modules will have two *warning* modes:

Steady burn activated by DCP Mode 1

Neobe 120 activated by DCP Mode 2

-iLEDs:

Red wire activates steady burn primary color.

Blue wire activates warning mode, flashing color 1 and 2.

White wire activates steady burn white for scene.

-Red wire to amp mode 1.

-Blue wire to amp mode 2.

-White wire to respective amp scene input (amp aux 2, 3, or 4).

**-RECT-14/16s:**

Red wire activates steady burn primary color.

Blue wire activates warning mode, flashing color 1 and 2.

-Red wire to amp mode 1.

-Blue wire to amp mode 2.

**Top front TRT light bar:**

Orange wire activates all white lights steady burn.

Blue wire activates all infrared lights steady burn.

Brown wire activates all colored warning lights steady burn.

Brown/white wire activates all warning lights flashing.

-Front upper light bar will have Brown wired to DCP mode 1 for color steady burn.

-Front upper light bar will have Brown/White wired to DCP mode 2 for color warning mode.

-Front upper light bar will have Orange wired to take-down button (aux 1).

-Front upper light bar will have Blue wired to IR button/switch (aux 5).

**Lower front TRX light bar:**

Orange wire activates all white lights steady burn.

Blue wire activates all amber override steady burn.

-Front lower light bar will have Orange wired to front scene button/switch (aux 1).

-Front lower light bar will have Blue wired to Amber button/switch. (aux 6)

**Rear TRT chase light bar:**

Orange wire activates all warning lights flashing.

Blue wire activates the high-intensity DOT stop lamps.

Brown/white wire activates the low intensity DOT tail lamps.

Brown wire activates rear-facing white lamps steady burn (warning override).

Red/white wire activates rear-facing amber spot modules steady burn as chase lights.

-Rear light bar will have Brown/White tapped into red DOT rear running lights.

-Rear light bar will have Blue tapped into DOT brake lights.

-Rear light bar will have Brown wired to rear scene (aux 4)

-Rear light bar will have Orange wired to DCP mode 2 for color warning mode.

-Rear light bar will have Red/White wired to Rear Chase button/switch.

**940L DCP:**

Aux 1: Front Whites

Aux 2: Left Scene

Aux 3: Right Scene

Aux 4: Rear Scene

Aux 5: Front IR

Aux 6: Front Amber

**Note:** Add additional *chase* switch on dash for rear chase.