

### SENTINEL®



## EXCEPTIONAL PROTECTION FROM THE ELEMENTS, GUARANTEED

Sentinel® Hub Cap technology provides an unmatched filtering system to eliminate contamination from dirt, dust, sand and water, all while making it easy to visually monitor lube levels. Featuring an innovative design and durable construction, Sentinel hub caps help extend equipment life, reduce maintenance and increase profitability.

#### Sentinel Hub Cap

Provides a tamper-proof hub cap system for maximum protection and maintenance-free performance.

#### Sentinel ESP and ESP Plus

ESP (Extended Service Plug) allows Sentinel Technology to be retrofitted on existing wheel ends with drive axle plugs or aftermarket plugs.

#### World Class Innovation

The only water proof hub cap in the industry.

#### Versatile

Order OEM or retrofit in the aftermarket on a trailer, drive or steer axle.

#### A Corrosion-Free Option

STEMCO Defender™ hub caps with Sentinel Technology are made from composite materials with stainless steel reinforcement inserts that will not corrode.





# SENTINEL: KEEPING WATCH OVER WHEEL ENDS

- Prevents dirt and water from contaminating the oil, thereby extending seal and bearing life.
- Dramatically reduces contaminant build-up on hub cap windows, allowing for an accurate determination of lube levels.
- Eliminates early oil breakdown by preventing water contamination as a result of submerged axles.
- Provides maximum protection for maintenance-free wheel end systems.
- Improves performance and lowers overall maintenance costs.



SENTINEL HUB CAP



INTEGRATED SENTINEL HUB CAP

## SENTINEL HUB CAP

| STEMCO BASE PART NO. | OIL CAP  | GREASE CAP | BOLT CIRCLE | BOLT SIZE         | NO. OF BOLTS | GASKET NUMBER | OIL WINDOW KIT | GREASE WINDOW KIT |
|----------------------|----------|------------|-------------|-------------------|--------------|---------------|----------------|-------------------|
| 4009                 | 348-4009 | 349-4009   | 5 1/2"      | 5/16"             | 6            | 330-3009      | 359-6112       | 359-6120          |
| 4013                 | 348-4013 | 349-4013   | 5 1/2"      | 5/16"             | 5            | 330-3013      | 359-6112       | 359-6120          |
| 4046                 | 348-4046 | 349-4046   | 5 1/2"      | 5/16"             | 6            | 330-3009      | 359-6112       | 359-6120          |
| 4075                 | 348-4075 | 349-4075   |             | 6 1/4" x 8" UN(M) |              | 330-3077      | 359-6112       | 359-6120          |
| 4095                 | 348-4095 | 349-4095   | 5 1/2"      | 5/16"             | 6            | 330-3009      | 359-6112       | 359-6120          |
| 4195                 | 348-4195 | 349-4195   | 6 3/4"      | 5/16"             | 6            | 330-3118      | 359-6112       | 359-6120          |
| 4281                 | 348-4281 | N/A        | 5 17/32"    | 3/8"              | 6            | 330-3122      | 359-6112       | 359-6120          |

## INTEGRATED SENTINEL HUB CAP

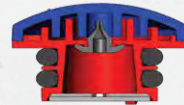
| STEMCO BASE PART NO. | OIL CAP  | GREASE CAP | BOLT CIRCLE | BOLT SIZE         | NO. OF BOLTS | GASKET NUMBER | OIL WINDOW KIT | GREASE WINDOW KIT |
|----------------------|----------|------------|-------------|-------------------|--------------|---------------|----------------|-------------------|
| 4009                 | 356-4009 | 358-4009   | 5 1/2"      | 5/16"             | 6            | 330-3009      | 359-6145       | 359-6146          |
| 4009                 | 366-4009 | 368-4009   | 5 1/2"      | 5/16"             | 6            | 330-3009      |                |                   |
| 4013                 | 356-4013 | 358-4013   | 5 1/2"      | 5/16"             | 5            | 330-3013      | 359-6145       | 359-6146          |
| 4024                 | 356-4024 | 358-4024   | 4 1/2"      | 5/16"             | 6            | 330-3024      | 359-6143       | 359-6144          |
| 4024                 | 366-4009 | 368-4009   | 5 1/2"      | 5/16"             | 6            | 330-3009      |                |                   |
| 4025                 | 356-4025 | 358-4025   | 5 7/8"      | 5/16"             | 6            | 330-3025      | 359-6143       | 359-6144          |
| 4046                 | 356-4046 | 358-4046   | 5 1/2"      | 5/16"             | 6            | 330-3009      | 359-6145       | 359-6146          |
| 4075                 | 356-4075 | 358-4075   |             | 6 1/4" x 8" UN(M) |              | 330-3077      | 359-6145       | 359-6146          |
| 4080                 | 356-4080 | 358-4080   | 6           | 3/8"              | 6            | 330-3060      | 359-6143       | 359-6144          |
| 4095                 | 356-4095 | 358-4095   | 5 1/2"      | 5/16"             | 6            | 330-3009      | 359-6145       | 359-6146          |
| 4119                 | 356-4119 | 358-4119   | 7           | 5/8"              | 8            | 330-3090      | 359-6145       | 359-6146          |
| 4150                 | 356-4150 | 358-4150   | 4 1/2"      | 5/16"             | 5            | 330-3150      | 359-6143       | 359-6144          |
| 4195                 | 356-4195 | 358-4195   | 6 3/4"      | 5/16"             | 6            | 330-3118      | 359-6145       | 359-6146          |
| 4195                 | 360-4195 | 368-4195   | 6 3/4"      | 5/16"             | 6            | 330-3118      |                |                   |
| 4195                 | 366-4195 | 368-4195   | 6 3/4"      | 5/16"             | 6            | 330-3118      |                |                   |

## SENTINEL HUB CAP BULK PACK

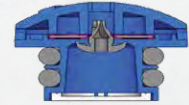
| STEMCO PART NO. | DESCRIPTION                                       |
|-----------------|---------------------------------------------------|
| 300-5009        | 340-4009 Hub Cap with ESP Plug Bulk Pack (50/box) |
| 303-5009        | 343-4009 Hub Cap with ESP Plug Bulk Pack (50/box) |

## SENTINEL ESP FILTERED VENT

| STEMCO PART NO. | DESCRIPTION                    |
|-----------------|--------------------------------|
| 359-6137        | Drive Axle Vent (3/8" adapter) |



SENTINEL ESP



SENTINEL ESP PLUS

- Water Resistant
- Waterproof GoreTex Membrane
- A second O-ring increases plug retention.
- The umbrella check valve remains closed, stopping lubricant from leaking out and contaminants from flowing in.
- Shield protects venting mechanism from initial OE filling procedure and during normal vehicle operation.

## SENTINEL ESP

| ASSEMBLY PART NO. | DESCRIPTION                         |
|-------------------|-------------------------------------|
| 363-5124          | Defender, ESP, w/ Pipe Plug FF Bulk |
| 364-5124          | Defender, ESP, w/ Pipe Plug FF      |
| 363-5224          | Defender, ESP w/ Mag Plug FF Bulk   |
| 364-5224          | Defender, ESP w/ Mag Plug FF        |
| 363-5109          | Defender, ESP w/ Pipe Plug N Bulk   |
| 364-5109          | Defender, ESP w/ Pipe Plug N        |
| 363-5209          | Defender, ESP w/ Mag Plug N Bulk    |
| 364-5209          | Defender, ESP w/ Mag Plug N         |
| 359-6121          | ESP Blister Pack (2 Plug)           |

## SENTINEL ESP PLUS

| ASSEMBLY PART NO. | DESCRIPTION                             |
|-------------------|-----------------------------------------|
| 350-4065          | Hub Cap, ESP Plus                       |
| 350-4119          | ESP Plus Hub Cap Assembly, 4119 Casting |
| 350-5094          | Grease Hub Cap (White)                  |
| 350-4009          | Hub Cap, ESP Plus                       |
| 359-6124          | Sentinel ESP Plus Blister Pack (2)      |
| 359-6137          | DAV Blister Pack                        |
| 350-4024          | Hub Cap, ESP Plus                       |
| 350-4119          | ESP Plus Hub Cap Assembly, 4119 Casting |
| 353-4009          | Hub Cap, ESP Plus                       |
| 353-4024          | Hub Cap, ESP Plus                       |
| 353-4195          | Hub Cap, ESP Plus                       |
| 359-6125          | Plug, Hub Cap, Sentinel ESP Plus, Bulk  |

## Making the Roadways Safer®

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San Luis Potosi SLP 78395 | Mexico

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