

TOW TRUCK INSPECTION GUIDE

CHP 234B (Rev. 5-17) OPI 061

TOW TRUCK EQUIPMENT SPECIFICATIONS (By Class)

CLASS A

| P | F | P | F |
|---|--|---|--|
| | Minimum 14,000 Pound GVWR Chassis | | Tow Sling "Minimum" 3,000 Pounds (if equipped) |
| | 4-Ton Boom Rating | | Tow Chains "Minimum" 5/16" Grade 70 with J/T Hooks |
| | One 4-Ton Snatch Block | | Two (2) Safety Chains 5/16" Alloy or OEM Specifications |
| | Tow Dolly (with wheel tie down straps) | | Wheel Lift Rating - Extended 3,000 Pounds |
| | Steering Wheel Securement Device | | Two (2) Crossbeams, (1) 4"x4"x60" and (1) 4"x4"x48"(Minimum) |
| | 100' 3/8" 6 x 19 Wire Rope or OEM Specifications | | |

CLASS A CAR CARRIER

| | | | |
|--|---|--|---|
| | Minimum 19,000 Pound GVWR Chassis | | 4 Safety Chains 5/16" Grade 70 or Rated Nylon Straps w/Ratchets |
| | 50' 3/8" 6 x 19 Wire Rope or OEM Specifications | | Adequate Crossbeams or Ramping Material |
| | Loading Bridle with J/T Hooks | | |

CLASS A CAR CARRIER TWO VEHICLE

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|--|---|--|---|
| | Minimum 23,500 Pound GVWR Chassis | | 4 Safety Chains 5/16" Grade 70 or Rated Nylon Straps w/Ratchets |
| | Loading Bridle with J/T Hooks | | 2 Safety Chains 5/16" Alloy/OEM Spec & Wheel Straps - Towed Veh |
| | 50' 3/8" 6 x 19 Wire Rope or OEM Specifications | | Adequate Crossbeams or Ramping Material |
| | Alloy/OEM Spec & Wheel Straps - Towed Vehicle | | |

CLASS B

| | | | |
|--|---|--|---|
| | Minimum 33,000 Pound GVWR Chassis | | Axle Covers/Caps |
| | 16-Ton Boom Rating | | Truck Hitch/Tow Bar with 7,000 Pound Rating (if equipped) |
| | 150' 7/16" 6 x 19 Wire Rope or OEM Specifications | | Two (2) - 4"x6"x48" Crossbeams (minimum) |
| | Safety Chains 1/2" Alloy or OEM Specifications | | Tow Chains "Minimum" 1/2" Grade 70 with JT Hooks |
| | Two 8-Ton Snatch Blocks | | Wheel Lift Rating - 10,000 Pounds Retracted / 8,000 Pounds Extended |
| | Air Brakes or Hydraulic W/Air Hookup Package | | Under Lift/Fork Adapters w/Tie-Down Straps or Chains |
| | Air Hoses and Fittings | | Safety Tie-Down Chains and Binders |
| | Steering Wheel Securement Device | | Aluminum Tow Angles (Minimum 2) |

CLASS B CAR CARRIER

| | | | |
|--|---|--|---|
| | Minimum 33,000 Pound GVWR Chassis | | 4 Safety Chains 5/16" Grade 70 or OEM Specifications |
| | 50' 3/8" 6 x 19 Wire Rope or OEM Specifications | | 2 Safety Chains = 5/16" Alloy/OEM Spec & Wheel Straps for Towed Vehicle |
| | Loading Bridle with J/T Hooks | | Adequate Cross Beams or Ramping Material |
| | Steering Wheel Securement Device | | |

CLASS C

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|--|--|--|--|
| | Minimum 52,000 Pound GVWR Chassis | | Tow Chains 5/8" Grade 70 or OEM Specifications |
| | 25-Ton Boom Rating | | Two (2) 4"x6"x48" Crossbeams (Minimum) |
| | 200' 5/8" 6x19 Wire Rope or OEM Specifications | | Pintle Hook |
| | Two (2) Safety Chains 5/8" Alloy or OEM Specifications | | Under Lift Rating - 25,000 Pounds / 12,000 Pounds Extended |
| | Two 12-Ton Snatch Blocks | | Under Lift/Fork Adapters w/Tie-Down Straps or Chains |
| | Air Brakes W/Air Hookup Package | | Aluminum Tow Angles (Minimum 2) |
| | Air Hoses and Fittings | | Safety Tie-Down Chains and Binders |
| | Steering Wheel Securement Device | | Truck Hitch/Tow Bar 12,000 Pound Rating (if equipped) |
| | Axle Covers/Caps | | Tow Sling 12,000 Pound Rating (if equipped) |

CLASS D

| | | | |
|--|--|--|--|
| | Minimum 54,000 Pound GVWR Chassis | | Tow Chains 5/8" Grade 70 or OEM Specifications |
| | 35-Ton Boom Rating | | Two (2) 4"x6"x48" Crossbeams (Minimum) |
| | 250' 3/4" 6x19 Wire Rope or OEM Specifications | | Pintle Hook |
| | Two (2) Safety Chains 5/8" Alloy or OEM Specifications | | Under Lift Rating - 32,000 Pounds / 16,000 Pounds Extended |
| | Two 12-Ton Snatch Blocks | | Truck Hitch/Tow Bar 20,000 Pound Rating (if equipped) |
| | Air Brakes W/Air Hookup Package | | Aluminum Tow Angles (Minimum 2) |
| | Air Hoses and Fittings | | Safety Tie-Down Chains and Binders |
| | Steering Wheel Securement Device | | Tow Sling with 20,000 Pound Rating (if equipped) |
| | Axle Cover/Caps | | Under Lift / Fork Adapters w/Tie-Down Straps or Chains |

MAXIMUM LIFTING CAPACITY (MLC) CALCULATIONS (Refer to HPM 81.2, Chapter 7, Annex B)

FRONT AXLE WEIGHT (FAW), UNLADEN

WHEEL BASE (WB), IN INCHES

OVER HANG (OH), IN INCHES

FORMULA

$$\frac{1}{2} \text{ FAW:} \quad \times \text{ WB:} \quad \div \text{ BY OH:} \quad = \text{ MLC:}$$

CLASS OF VEHICLE BASED ON THE MLC